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# **Curriculum Vitae**

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Updated December 29, 2022



## **Stefano Goffredo Ph.D.**

Coral Ecology and Biology & Citizen Science Laboratories  
Marine Science Group  
Department of Biological, Geological, and Environmental Sciences  
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Home: via di mezzo ponente 9/2, Calderara di Reno, 40012 (BO), Italy, European Union.

**Date of birth:** January 27, 1969

**Place of birth:** Bologna, Italy

**Civil Service:** 1996-1997

**Marital Status:** Married

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## 1. Education

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### Master and Ph.D.

Year	University/Institute	Department	Degree
1995	Alma Mater Studiorum - University of Bologna	Department of Evolutionary and Experimental Biology	Master (M. Sc.)
2000	Alma Mater Studiorum - University of Bologna	Department of Evolutionary and Experimental Biology	Research Doctorate (Ph. D.)

Title of Master Thesis (M. Sc. Thesis): Growth of *Ctenactis echinata* (Pallas, 1766) and *Fungia fungites* (Linnaeus, 1758) (Scleractinia, Fungiidae) on a coral reef at Sharm el Sheikh, Red Sea, South Sinai, Egypt. Supervisor: Prof. Francesco Zaccanti

Title of Research Doctorate Thesis (Ph. D. Thesis): Population dynamics and reproductive biology of the solitary coral *Balanophyllia europaea* (Anthozoa, Scleractinia) in the northern Tyrrhenian Sea. Supervisor: Prof. Francesco Zaccanti

### Post Doctorate

Year	University/Institute	Department	Research field	Fellowship Funds
2000-2001	Alma Mater Studiorum - University of Bologna	Department of Evolutionary and Experimental Biology	Biology and Ecology of Mediterranean Corals	Sub Service s. r. l. - Scuba Schools International Italia
2001-2003	Alma Mater Studiorum - University of Bologna	Department of Evolutionary and Experimental Biology	Reproductive biodiversity and demography in tropical and Mediterranean populations of solitary corals (Anthozoa, Scleractinia)	University of Bologna
2003-2004	Alma Mater Studiorum - University of Bologna	Department of Evolutionary and Experimental Biology	Monitoring of Mediterranean Sea biodiversity	Canziani foundation of the Department of Evolutionary and Experimental Biology

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## 2. Areas of scientific interest

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Coral ecology and biology: demography, growth rates and population dynamics patterns in temperate and tropical corals and their relationships with environmental factors; growth and population dynamics modeling; the role of boring organisms in bioerosion of corals and coral reefs; effects of natural and anthropogenic disturbances on coral reef communities; modular growth and predictable patterns of colony and population growth; sexual and asexual reproduction; population genetic structure and connectivity; planula larval behaviour and metamorphosis; morphology of

gametogenesis; reef community structure; life history strategies; conservation ecology and management of coral reef; global climate change and its effect on temperate and tropical coral-reef communities; the use of contemporary corals in predictive models concerning with global climate change.

**Citizen Science:** university research, industry, and policy interdisciplinary interactions; international cooperation; volunteers in research; marine conservation monitoring; sustainable tourism; biodiversity monitoring, recreational activities, education, scientific literacy and naturalistic awareness.

**Microgravity biomineratization:** biomaterials for biomimetic scaffolds; biomineralized tissues; biomineralizing organisms; biominerals; calcification; corals; genetic and environmental control on biomineratization; marine mineralization; material research; mechanical and biogenic properties of biomaterials; porosity; space bioreactor.

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### **3. Academic, scientific professional experience**

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<b>Date</b>	<b>Institution</b>	<b>Activity</b>	<b>Title/position</b>
1996	Interuniversity Institute for Marine Science of Eilat (Israel)	<u>Research:</u> ecological distribution and growth of mushroom corals (Fungiidae) on the Israel reef of the Aqaba Gulf (northern Red Sea). Supervisor: Dr Nanette Elisabeth Chadwick-Furman	<u>Volunteer researcher</u>
1996-2004t	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Degree in Biological Science (Italy)	<u>Didactics:</u> Laboratory of experimental biology II. Laboratory of computational biology I (line of studies in Bio-ecology and Human Bio-Evolution)	<u>Teaching collaborator</u>
1997-today	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Research and didactics:</u> establishment of the Marine Science Group ( <a href="http://www.marinesciencergroup.org">www.marinesciencergroup.org</a> ), a novel research group in Bologna. Supervisor: Prof. Francesco Zaccanti	<u>Conceiver, founder, and coordinator</u>
1997	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Professional qualification:</u> achievement of the Italian State qualification for professional biologist	<u>Professional biologist</u>

2000-2001	Alma Mater Studiorum - University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Research:</u> Biology and Ecology of Mediterranean Corals. Supervisor: Prof. Francesco Zaccanti	<u>Post-doctorate.</u> Fellowship by Sub Service s. r. l. - Scuba Schools International Italia
2001-2003	Alma Mater Studiorum - University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Research:</u> Reproductive biodiversity and demography in tropical and Mediterranean populations of solitary corals (Anthozoa, Scleractinia)	<u>Post-doctorate.</u> Fellowship by University of Bologna
2003-2004	Alma Mater Studiorum - University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Research:</u> Monitoring of Mediterranean Sea biodiversity	<u>Post-doctorate Fellowship by</u> Canziani foundation of the Department of Evolutionary and Experimental Biology
July 2004 – September 2004	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Research:</u> Mediterranean underwater biodiversity monitoring - SCUBA divers for the environment. Supervisor: Prof. Francesco Zaccanti	<u>Researcher.</u> Professional task for work service. Funds by Canziani foundation of the Department of Evolutionary and Experimental Biology
January 2005	Government of the Republic of the Maldives. Tsunami Interministerial Task Force (Male, Maldives).	<u>Research:</u> organization and coordination of the first investigation of Maldivian coral reefs after the 2004 Tsunami.	<u>Chief researcher.</u> Funds by The Government of the Republic of the Maldives, Association of Italian Tour Operators, Maldives Association of Tourism Industry, Maldives Tourism Promotion Board, Crown Company PVT LTD.
March 2005- September 2005	State University of New York at Buffalo (USA)	<u>Research:</u> Molecular ecology and population dynamics of Caribbean and Mediterranean Corals. Supervisor: Prof. Howard R. Lasker	<u>Visiting researcher.</u> Funds by Marco Polo program of the University of Bologna
2004-2006	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Degree in Biological Science (Italy)	<u>Didactics:</u> Laboratory of ecology – Integrated course of marine biology laboratory	<u>Lecturer</u>
2005, 2006, 2007	Oceanographic vessel of the University of Miami “R/V F. G. Walton Smith” (USA)	<u>Research:</u> Several research cruises in the Bahamas for a study on coral population dynamics and fishery management. Supervisor: Prof. Howard R. Lasker, State University of New York at Buffalo	<u>Visiting researcher.</u> Funds provided by Prof. Howard R. Lasker: National Science Foundation, New York State Sea Grant Institute, and National Undersea Research Center at the Caribbean Marine Research Center.

2006-2010	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Master Degree in Biodiversity and Evolution (Italy)	<u>Didactics:</u> Laboratory of underwater survey – Scientific diving	<u>Lecturer</u>
2008, 2009	Marine Science Station at Aqaba (Jordan)	<u>Didactics:</u> Population dynamics of Red and Mediterranean Sea cnidarians. Computer modeling of age-based population dynamics	<u>Guest lecturer.</u> National Science Foundation International Programs (International Research Experiences for Students, IRES). US - Jordan Project: Summer: “Population dynamics and metabolic interactions between giant sea anemones and symbiotic anemonefish on Red Sea coral reefs”. Program Leader and organizer: Nanette Elizabeth Chadwick-Furman, Auburn University, Alabama (USA).
2009	University of Santiago de Compostela (Spain)	<u>Research:</u> organizational meeting for the preparation of the EU proposal “Red & Med EDU-Tourism: Educational Model for sustainable ecotourism business”	<u>Research coordinating person</u>
2009-2010	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Master Degree in Marine Biology (Italy)	<u>Didactics:</u> Methodologies of underwater research. Diving and sampling techniques.	<u>Lecturer</u>
2009-2010	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Master Degree in Marine Biology (Italy)	<u>Didactics:</u> Dispersal, connectivity, and structure of marine populations.	<u>Lecturer</u>
2009-2010	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Master Degree in Marine Biology (Italy)	<u>Didactics:</u> Evolution and adaptations of marine invertebrates.	<u>Lecturer</u>

2009-2010	Alma Mater Studiorum – University of Bologna, Faculty of Pharmacy, Course of Bachelor Degree in Applied Pharmaceutical Sciences (Italy)	<u>Didactics:</u> Animal biology.	<u>Lecturer</u>
November 2004 – November 2009	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy)	<u>Research:</u> Reproductive biodiversity in Mediterranean populations of solitary corals of the genus <i>Balanophyllia</i> (Cnidaria, Anthozoa, Scleractinia, Dendrophylliidae). Supervisor: Prof. Francesco Zaccanti	<u>Researcher</u> . Research assignment sustained by funds of Association of Italian Tour Operators, Government of Arab Republic of Egypt – Ministry of Tourism, University of Bologna
November 2009-June 2010	Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy).	<u>Research:</u> Elaboration of population dynamic models; relationships between environmental parameters and growth in temperate and subtropical corals. Supervisor: Prof. Francesco Zaccanti.	<u>Researcher</u> . Research contract sustained by funds of Government of Arab Republic of Egypt – Ministry of Tourism.
June 2010-June 2013	Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum – University of Bologna (Italy).	<u>Research and didactics:</u> Corals and global warming: the Mediterranean versus the Red Sea ( <a href="http://www.coralwarm.eu">www.coralwarm.eu</a> ).	<u>Researcher</u> : position sustained by FP7-IDEAS-ERC funds.
2010-2011	Alma Mater Studiorum – University of Bologna, Faculty of Mathematical Physical and Natural Sciences, Course of Master Degree in Biodiversity and Evolution (Italy)	<u>Didactics:</u> Laboratory of underwater survey – Scientific diving	<u>Researcher</u>
2011-oggi	Alma Mater Studiorum – University of Bologna, School of Sciences, Course of Master Degree in Biodiversity and Evolution (Italy)	<u>Didactics:</u> Laboratory of scientific diving: diving techniques for underwater survey	<u>Researcher</u>
November 2010- October 2015	Department of Biological, Geological and Environmental Sciences, University of Bologna (Italy).	<u>Didactics:</u> Ph.D. Committee of the Ph.D. Program in Biodiversity and Evolution	<u>Member</u>

November 2010	Embassy of Italy in Tel Aviv (Israel)	<u>Research:</u> presentation of the EU-FP7-IDEAS-ERC project “Corals and global warming: the Mediterranean versus the Red Sea” ( <a href="http://www.coralwarm.eu">www.coralwarm.eu</a> ”).	<u>Guest speaker:</u> the second Italian-Israeli forum on science and technology & the bi-national seminar on technology transfer. Funded by the Italian Ministry of Foreign Affairs
February 2011	Ministry of Tourism of the Arab Republic of Egypt, Cairo (Egypt)	<u>Research:</u> presentation of the project “STE: Scuba Tourism for the Environment. Red Sea Biodiversity Monitoring Program” ( <a href="http://www.STEproject.org">www.STEproject.org</a> ”).	<u>Guest speaker:</u> mission entitled “Egypt in our Earth”, a way to restore Italian-Egyptian bi-national business cooperation, after the January 25, 2011 Egyptian Revolution. Funded by Egyptian Tourist Authority, ASTOI (Association of Italian Tour Operators), and Egypt Air
August 2012	Tel Aviv University, George S. Wise Faculty of Life Science Graduate School, The Ph.D. Committee of Research Students in Life Sciences	<u>Didactics:</u> Evaluation of Doctoral Thesis	<u>Examiner:</u> Funds by Tel Aviv University
June 2013-June 2016	Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum – University of Bologna (Italy).	<u>Research and didactics:</u> Corals and global warming: the Mediterranean versus the Red Sea ( <a href="http://www.coralwarm.eu">www.coralwarm.eu</a> ).	<u>Senior Researcher:</u> position sustained by the University of Bologna, Ministry of Education, Universities and Research
October 2013	Città della Scienza, Napoli (Italy)	<u>Research:</u> presentation of the EU-FP7-IDEAS-ERC project “Corals and global warming: the Mediterranean versus the Red Sea” ( <a href="http://www.coralwarm.eu">www.coralwarm.eu</a> ”).	<u>CoralWarm project delegate:</u> information day of the European Research Council. Funded by European Commission
November 2013	Auditorium Via Rieti, Roma (Italy)	<u>Research:</u> presentation of the project “Space bioreactor for marine mineralization material research”	<u>SpaceBioMat project delegate:</u> international information and brokerage event “Countdown on Horizon 2020 Space”. Funded by European Commission
March 2014	Genova Aquarium, Genova (Italy)	<u>Didactics:</u> participation to the conference “Safe diving in pool and sea”	<u>Researcher:</u> information day on procedures for scientific dives, organized by National System for Environmental Protection, Genova Aquarium, and Regional Agency for the Protection of the Ligurian Environment
March 2014	University of Reunion Island, Faculty of Sciences and Technologies, Doctoral School	<u>Didactics:</u> Evaluation of Doctoral Thesis	<u>Examiner:</u> Funds by University of Reunion Island
September 2014	European Space Research and Technology Centre; ESTEC; Noordwijk (Netherlands)	<u>Research:</u> kickoff meeting of the project “Space bioreactor for marine mineralization material research” (SpaceBioMat)	<u>SpaceBioMat project coordinator:</u> Funded by the European Space Agency (ESA); Topical Team funding scheme.

September-October 2014	Villa Costa Carmagnola; Santa Margherita Ligure (Italy)	<u>Research:</u> “Red List assessment of Mediterranean Anthozoa” workshop of the International Union for Conservation of Nature (IUCN)	<u>IUCN Red List Assessor:</u> Funded by IUCN.
May 2015-June 2016	Department of Biological, Geological and Environmental Sciences, University of Bologna (Italy)	<u>University service:</u> member of the Department Board	<u>Delegate of the Research Fellows and Assistant Professors</u>
March 2016-today	University of Bologna (Italy)	<u>Research and didactics:</u> mare@unibo. Interdisciplinary group on marine research and innovation, training and joint planning.	<u>Member</u>
June 2016-today	Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum – University of Bologna (Italy).	<u>Academic discipline:</u> Ecology	<u>Associate Professor</u>
October 2016-December 2019	Department of Biological, Geological and Environmental Sciences, Alma Mater Studiorum – University of Bologna (Italy).	<u>Research and didactics:</u> Laboratory of Fisheries and Marine Biology at Fano	<u>Scientific Responsible</u>
December 2019-today	Department of Biological, Geological and Environmental Sciences (BiGeA), Alma Mater Studiorum – University of Bologna (UniBo; Italy).	<u>Research and didactics:</u> Fano Marine Center. The Inter-Institute Center for Research on Marine Biodiversity, Resources and Biotechnologies (a joint research center among University of Bologna, University of Urbino, Marche Polytechnic University, Anton Dohrn Zoological Station, National Research Council – CNR, and Municipality of Fano).	<u>Scientific Coordinator for UniBo and BiGeA</u>
November 2017-October 2018	Department of Biological, Geological and Environmental Sciences, University of Bologna (Italy).	<u>Didactics:</u> Ph.D. Committee of the Ph.D. Program in Earth, Life and Environmental Sciences	<u>Member</u>
October 2017	Hilton Conference Center, St Julian's (Malta)	<u>Research:</u> presentation of the project “Sea sentinels: divers united for the environment” ( <a href="http://www.DUEproject.org">www.DUEproject.org</a> ”).	<u>DUE project delegate:</u> 2017 edition of the Our Ocean Conference, on maritime security and sustainable development of world Blue Economy; hosted by the European Union ( <a href="http://www.ourocean2017.org">www.ourocean2017.org</a> ).
November 2017-2018	Collegio Superiore, Istituto di Studi Superiori, University of Bologna (Italy).	<u>Didactics:</u> Sustainability: environment, energy, and global challenges. The effects of climate change on marine biodiversity: from European research to participatory science	<u>Associate Professor</u>

December 2017	Fondazione Cassa di Risparmio di Fano, Fano (Italy)	<u>Research:</u> participation to the workshop “Fishery and blue growth. New challenges and environmental sustainability”	<u>Reseracher</u>
November 2018-today	Department of Biological, Geological and Environmental Sciences, University of Bologna (Italy).	<u>Institutional activity:</u> International Ph.D. Program in Innovative Technologies and sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)	<u>Coordinator of Ph.D. Program</u>
30 October 2018	Congress Center of Naples University Federico II (Italy)	<u>Institutional activity:</u> Assembly of Associates of the “National Technological Cluster Blue Italian Growth (BIG)”	<u>Delegate of the Rector of the University of Bologna</u>
28 March 2019-today	Marche Region	Institutional Technical Table in Waste Management	<u>Member</u>
10 July 2019	Municipal Villa, Naples,	<u>Institutional activity:</u> Assembly of Associates of the “National Technological Cluster Blue Italian Growth (BIG)”	<u>Delegate of the Rector of the University of Bologna</u>
20 September 2019-today	University of Bologna	<u>Institutional activity/Didactis:</u> Erasmus + exchanges (University of Bologna, Italy / Universidad de Jaén, Spain)	<u>Unibo Responsible</u>
14 November 2016-today	University of Bologna	<u>Institutional activity:</u> Erasmus + exchanges (University of Bologna, Italy / Çanakkale Onsekiz Mart University, Turkey)	<u>Unibo Responsible</u>
May 2021-May 2024	Department of Biological, Geological and Environmental Sciences, University of Bologna (Italy)	<u>Institutional activity:</u> member of the Department Board	<u>Delegate of Associate Professors</u>
15 September 2021-14 December 2021	University of Bologna	<u>Institutional activity:</u> Erasmus + exchanges (University of Bologna, Italy / Institute of Marine Research, Norway)	<u>Unibo Responsible</u>
15 Novembre 2021-today	University of Bologna	<u>Institutional activity:</u> National Recovery and Resilience Plan, National Biodiversity Future Center (NBFC)	<u>Member of UniBo Working and Cordination Group</u>
2021-2025	University of Bologna	<u>Institutional activity:</u> Doctoral dissertation under international joint-supervision between Université Bourgogne Franche-Comté and University of Bologna	<u>Supervisor and Responsible for the FishMed-PhD Program</u>

## 4. Complementary professional experience

Year	Activity	Title/position
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1991-today	<u>Diving</u> : SCUBA instructor of the international diving agency “Scuba Schools International (SSI)”, “Scuba Nitrox Safety International (SNSI)” and Professional Association of Diving Instructor (PADI). Professional experience in Mediterranean and Red Sea. Instructor Trainer; IDC Staff Instructor.	<u>Instructor Trainer, Master Instructor, Assistant Staff Instructor, Nitrox Instructor, Basic Life Support – Cardiopulmonary Resuscitation Instructor, IDC Staff Instructor</u>
1989-2006	<u>Diving</u> : constitution of the school of diving “Bologna Scuba Team”, in Bologna (Italy)	<u>Co-founder constituter; diving instructor</u>
2004-2018	<u>Chairmanship</u> : constitution of the Marine & Freshwater Science Group Association, in Bologna (Italy; 2004). Social Advancement Association devoted to the support and development of the research in the fields of marine and freshwater bio-ecology and environmental education	<u>President</u>
2006-today	<u>Diving</u> : conception and constitution of the school of marine research scientific diving “Scientific Diving School”, in Bologna (Italy)	<u>Founder constituter</u>
2010-today	<u>Diving</u> : Diving Safety Officer and 1st Organizational Member Representative of American Academy of Underwater Sciences (AAUS) in Italy	<u>AAUS scientific diving instructor</u>

## 5. International advisory

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Year	Journal / Institution	Title/position
2005	“Marine and Freshwater Research”. Journal of Commonwealth Scientific and Industrial Research Organization, CSIRO Publishing, Collingwood, Australia	<u>Referee</u> (1 manuscript review: July 26, 2005)
2005	“Molecular Ecology”. Blackwell Publishing LTD Oxford, United Kingdom	<u>Referee</u> (1 manuscript review: December 5, 2005)
2006	“Biodiversity and Conservation”. Springer, Dordrecht, Netherlands	<u>Referee</u> (1 manuscript review: June 21, 2006)
2007	National Oceanic and Atmospheric Administration (NOAA). Sea Grant College Program, USA ( <a href="http://www.seagrant.noaa.gov">www.seagrant.noaa.gov</a> ). The University of Puerto Rico Sea Grant College Program.	<u>Referee</u> (1 project review: June 14, 2007)
2007	“Journal of Natural History”. Taylor & Francis LTD, Oxon, United Kingdom	<u>Referee</u> (1 manuscript review: September 27, 2007)
2008	“BMC Evolutionary Biology”. Middlesex House, London, United Kingdom	<u>Referee</u> (2 manuscript reviews: January 31, 2008; August 30, 2008)
2008-2009	“Journal of Theoretical Biology”. Elsevier Science, London, United Kingdom	<u>Referee</u> (2 manuscript reviews: April 10, 2008; February 23, 2009)
2009-2021	“Marine Ecology-An Evolutionary Perspective”. Wiley, Hoboken, USA	<u>Referee</u> (3 manuscript review: February 8, 2009; November 3, 2016; Agust 9, 2021)
2009	“The Biological Bulletin”.	<u>Referee</u> (2 manuscript reviews: September 1, 2009; December 11, 2009)
2009	“Biological Invasions”. Springer, Dordrecht, Netherlands	<u>Referee</u> (1 manuscript review: October 5, 2009)
2006-2010	“Marine Biology”. Springer, New York, USA	<u>Referee</u> (4 manuscript reviews: October 24, 2006; October 23, 2007; February 6, 2008; October 15, 2010)
2010	“Restoration Ecology”. Wiley-Blackwell Publishing, Malden, USA	<u>Referee</u> (1 manuscript review: April, 2010)
2010	“Cell & Tissue Research”. Springer, New York, USA	<u>Referee</u> (1 manuscript review: July, 2010)

2005-2011	“ <b>Bulletin of Marine Science</b> ”. Journal of the Rosenstiel School of Marine and Atmospheric Science of the University of Miami, Miami, USA	<u>Referee</u> (4 manuscript reviews: January 27, 2005; March 23, 2006; June 6, 2008; July 19, 2011)
2011	“ <b>Chinese Journal of Oceanology and Limnology</b> ”. Springer, Beijing, China	<u>Referee</u> (1 manuscript review: March, 2011)
2011	“ <b>Journal of Marine Biology</b> ”. Hindawi Publishing Corporation, New York, USA	<u>Referee</u> (1 manuscript review: April, 2011)
2011, 2015	“ <b>Biogeosciences</b> ”. Copernicus Gesellschaft MBH, Germany	<u>Referee</u> (2 manuscript reviews: May 24, 2011; August 7, 2015)
2011	“ <b>Tourism Management</b> ”. Elsevier, Oxford, United Kingdom	<u>Referee</u> (2 manuscript reviews: July, 2011; October 2011)
2011	“ <b>The Open Conservation Biology Journal</b> ”. Bentham Science Publishers Ltd., Oak Park, USA	<u>Referee</u> (1 manuscript review: November, 2011)
2012	<b>The Mediterranean Sea. Its history and present challenges</b> . Springer, Dordrecht, Netherlands (ISBN 978-94-007-6703-4)	<u>Co-Editor</u>
2012	“ <b>PLoS ONE</b> ”. Public Library of Science, San Francisco, USA	<u>Referee</u> (1 manuscript review: June, 2012)
2012	<b>Tel Aviv University</b> , George S. Wise Faculty of Life Science Graduate School, The Ph.D. Committee of Research Students in Life Sciences (Israel)	<u>Examiner</u> (1 Doctoral Thesis evaluated: May 29, 2012)
2008, 2012, 2013	“ <b>Marine Ecology Progress Series</b> ”. Inter-Research, Oldendorf Luhe, Germany	<u>Referee</u> (4 manuscript reviews: April 10, 2008; September 17, 2012; December 10, 2012; March 28, 2013)
2011, 2013	“ <b>Journal of the Marine Biological Association of the United Kingdom</b> ”. Cambridge University Press, New York, USA	<u>Referee</u> (2 manuscript reviews: July, 2011; January 2013)
2013	<b>Zoological Society of London (ZSL)</b> . EDGE (Evolutionarily Distinct and Globally Endangered) Fellows Programme, UK ( <a href="http://www.zsl.org">www.zsl.org</a> ; <a href="http://www.edgeofexistence.org/">http://www.edgeofexistence.org/</a> ).	<u>Referee</u> (2 project reviews: April 15, 2013; May 1, 2014)
2013	“ <b>Journal of the Royal Society Interface</b> ”. Royal Society, London, United Kingdom	<u>Referee</u> (1 manuscript review: May 23, 2013)
2013, 2019	“ <b>Hydrobiologia</b> ”. Springer, Dordrecht, Netherlands	<u>Referee</u> (2 manuscript review: July 10, 2013; April 2, 2019)
2013	“ <b>Ambio</b> ”. Springer, Dordrecht, Netherlands	<u>Referee</u> (1 manuscript review: September 7, 2013)
2005-2016	“ <b>Coral Reefs</b> ”. Journal of the International Society for Reef Studies, Springer, New York, USA	<u>Referee</u> (15 manuscript reviews: January 3, 2005; April 19, 2007; August 21, 2007; May 9, 2008; December 31, 2008; April 6, 2009; September 2, 2009; November 2, 2009; June 13, 2011; October 15, 2013; January 29, 2014; May 12, 2014; August 11, 2015; June 10, 2016; December 18, 2018)
2014	“ <b>Marine Biodiversity</b> ”. Springer, Dordrecht, Netherlands	<u>Referee</u> (1 manuscript review: January 20, 2014)
2011-today	“ <b>Frontiers in Physiology</b> ”, Specialty Section “ <b>Invertebrate Physiology</b> ”. Frontiers, Lausanne, Switzerland	<u>Associate Editor</u>
2014, 2022	<b>IUCN, International Union for Conservation of Nature</b> . IUCN Red List assessment of Mediterranean Anthozoans	<u>Assessor</u>

2014-2022	“ <b>PLoS ONE</b> ”. Public Library of Science, San Francisco, USA	<u>Academic Editor</u> (22 manuscripts handled: September 9, 2014; March 26, 2015; June 23, 2015; July 2, 2015; July 24, 2015; August 26, 2015; September 7, 2015; November 30, 2015; December 4, 2015; December 14, 2015; December 30, 2015; January 14, 2016; January 21, 2016; January 28, 2016; February 23, 2016; May 7, 2016; May 24, 2016; July 27, 2016; September 21, 2016; December 20, 2016; January 31, 2017; February 1, 2017)
2014	<b>University of Reunion Island</b> , Faculty of Sciences and Technologies, Doctoral School (France)	<u>Examiner</u> (1 Doctoral Thesis evaluated: March 31, 2014)
2014	“ <b>Zoology</b> ”. Elsevier, Jena, Germany	<u>Referee</u> (1 manuscript review: June 4, 2014)
2014	“ <b>American Naturalist</b> ”. The University of Chicago Press, Chicago, USA	<u>Referee</u> (1 manuscript review: June 30, 2014)
2014	“ <b>Marine Biology Research</b> ”. Taylor & Francis, Oslo, Norway	<u>Referee</u> (1 manuscript review: September 22, 2014)
2014, 2019	<b>U.S. National Science Foundation (NSF)</b> . Division of Ocean Sciences; Biological Oceanography Program; USA	<u>Referee</u> (2 project review: September 25, 2014; September 25, 2019)
2014-today	“ <b>Frontiers in Marine Science</b> ”, Specialty Section “Coral Reef Research”. Frontiers, Lausanne, Switzerland	<u>Associate Editor</u> (18 manuscripts handled: July 25, 2017; July 28, 2017; October 23, 2017; November 26, 2018; March 8, 2019; April 24, 2019; May 21, 2019; May 29, 2019; July 12, 2019; November 12, 2019; March 18, 2020; August 30, 2020; December 30, 2020; January 28, 2021; April 28, 2021; June 17, 2021; June 28, 2021; November 16, 2022)
2015	“ <b>Biology Letters</b> ”. Royal Society, London, United Kingdom	<u>Referee</u> (1 manuscript review: February 16, 2015)
2015	<b>European Science Foundation (ESF)</b> . 2015 AXA Research Fund; Junior Research (Post-Doctoral) Fellowship Scheme ( <a href="http://www.esf.org/home.html">http://www.esf.org/home.html</a> ; <a href="http://www.axa-research.org/post-doctoral-fellowships">http://www.axa-research.org/post-doctoral-fellowships</a> )	<u>Referee</u> (1 project review: April 14, 2015)
2015	“ <b>Functional Ecology</b> ”. Wiley-Blackwell, Hoboken, USA	<u>Referee</u> (1 manuscript review: July 28, 2015)
2015	“ <b>Water</b> ”. MDPI AG, Basel, Switzerland	<u>Referee</u> (1 manuscript review: August 11, 2015)
2015	“ <b>Conservation Biology</b> ”. Wiley-Blackwell, Hoboken, USA	<u>Referee</u> (1 manuscript review: August 31, 2015)
2016	“ <b>Global and Planetary Change</b> ”. Elsevier Science, Amsterdam, Netherlands	<u>Referee</u> (1 manuscript review: June 22, 2016)
2014	<b>The Cnidaria, Past Present and Future. The World of Medusa and Her Sisters</b> . Springer, Cham, Switzerland (ISBN 978-3-319-31303-0)	<u>Co-Editor</u>
2017, 2022	“ <b>Science Advances</b> ”. American Association for the Advancement of Science, Washington D.C., USA	<u>Referee</u> (2 manuscripts reviewed: September 28, 2017; February 12, 2022)
2017	“ <b>Fisheries Research</b> ”. Elsevier Science, Amsterdam, Netherlands	<u>Referee</u> (1 manuscript review: November 22, 2017)
2018	<b>National Geographic Society</b> ( <a href="https://www.nationalgeographic.org/">https://www.nationalgeographic.org/</a> ).	<u>Referee</u> (1 project review: February 8, 2018)
2018	<b>Proceedings of the Royal Society B – Biological Sciences</b> . Royal Society, London, United Kingdom	<u>Referee</u> (1 manuscript review: March 8, 2018)
2018	<b>German Ministry of Education and Research</b> . Bilateral Israeli-German call in Marine Science.	<u>Referee</u> (1 project review: March 23, 2018)
2018	<b>Marine Chemistry</b> . Elsevier Science, Amsterdam, Netherlands.	<u>Referee</u> (1 manuscript review: April 24, 2018)

2018, 2021	<b>Global Change Biology.</b> Wiley, Hoboken, USA	<u>Referee</u> (2 manuscripts review: May 30, 2018; June 18, 2021)
2018	<b>Estuaries and Coasts.</b> Journal of the Coastal and Estuarine Research Federation, Springer, Cham, Switzerland	<u>Referee</u> (1 manuscript review: August 10, 2018)
2019	<b>Perspectives in Ecology and Conservation.</b> Elsevier Science, Kidlington, United Kingdom	<u>Referee</u> (1 manuscript review: August 29, 2019)
2019, 2021	<b>Scientific Reports.</b> Nature Publishing Group, London, United Kingdom	<u>Referee</u> (2 manuscript review: August 13, 2019; April 4, 2021)
2019	<b>Proceedings of the National Academy of Sciences of the United States of America.</b> National Academy of Sciences, Washington D.C., USA	<u>Referee</u> (1 manuscript review: October 25, 2019)
2020	<b>Science China Earth Sciences.</b> Science Press, Beijing, People's Republic of China	<u>Referee</u> (1 manuscript review: March 23, 2020)
2020	<b>Limnology and Oceanography.</b> Wiley, Hoboken, USA	<u>Referee</u> (1 manuscript review: June 4, 2020)
2020	<b>Polar Biology.</b> Springer, New York, USA	<u>Referee</u> (1 manuscript review: August, 26, 2020)
2021-	“ <b>Frontiers in Marine Science</b> ”, Specialty Section “Marine Pollution”. Frontiers, Lausanne, Switzerland	<u>Review Editor</u>
2021	“ <b>Frontiers in Marine Science</b> ”, Specialty Section “Marine Fisheries, Aquaculture and Living Resources”. Frontiers, Lausanne, Switzerland	<u>Referee</u> (1 manuscript review: July 23, 2021)
2022	<b>Natural Environment Research Council (NERC), UK.</b> Standard grants call	<u>Referee</u> (1 project review: March 15, 2022)
2018	<b>German Ministry of Education and Research.</b> Bilateral Israeli-German call in Marine Science.	<u>Referee</u> (1 project review: March 23, 2018)

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## 6. National advisory

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Year	Institution	Position
2012-today	Laboratory of Forensic Toxicology, Section of Forensic Medicine, Department of Medicine and Public Health, Alma Mater Studiorum – University of Bologna	<u>Advisor:</u> analyses of biological samples of corals collected in the course of criminal proceedings

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## 7. Honors-patronages

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Year	Patronizer	Patronized research project	Role in the research project
1999	Italian Ministry of the Environment	Mediterranean <i>Hippocampus</i> Mission: a study on the geographical and ecological distribution of seahorses	<u>Conceiver and co-coordinator</u>
2002	Italian Ministry for Environment and Land Protection	Divers for the Environment: Mediterranean Underwater Biodiversity Project	<u>Conceiver and co-coordinator</u>

2006	Italian Ministry for Environment, Land and Sea Protection.  Ministry of Tourism of the Arab Republic of Egypt	STE: Scuba Tourism for the Environment. Red Sea Biodiversity Monitoring Program	<u>Conceiver and co-coordinator</u>
2009	European Research Council, European Commission (European Union)	Corals and Global Warming: The Mediterranean versus the Red Sea (CoralWarm).	<u>Conceiver and co-coordinator</u>
2014	European Space Agency	Topical Team: Space bioreactor for marine mineralization material research (SpaceBioMat).	<u>Co-conceiver and coordinator</u>
2018, 2019	Liguria Region, Italy	Sea Sentinels – Divers United for the Environment	<u>Conceiver and coordinator</u>
2018	Municipality of Palermo, Italy	Sea Sentinels – Divers United for the Environment	<u>Conceiver and coordinator</u>
2019	Italian Ministry for Environment, Land and Sea Protection	Sea Sentinels – Divers United for the Environment	<u>Conceiver and coordinator</u>

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## 8. Membership in professional societies

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1996-today	International Society for Reef Studies
2006-today	Society for Conservation Biology
2006-today	American Academy of Underwater Sciences
2009-today	Association for the Sciences of Limnology and Oceanography
2011-2014	Italian Zoological Union

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## 9. Welcomed visiting researchers

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Year	Name	Affiliation	Areas of scientific interest
2006	Paul M. Camilleri	University of Malta (Malta)	Seahorse ecology citizen science
2009	Pilar Casado de Amezúa	Museo Nacional de Ciencias Naturales de Madrid (Spain)	Coral population genetic structure and reproduction
2009, 2010	Zvy Dubinsky	Bar-Ilan University (Israel)	Algal photobiology; coral ecophysiology; energetics of photosynthesis
2013-2014	Gretchen Goodbody-Gringley	Bermuda Institute of Ocean Sciences; Harvard University (USA)	Self-fertilization; mechanisms for population maintenance; environmental change
2014	Howard Lasker	University at Buffalo – The State University of New York (USA)	Connectivity of coral reef populations
2014	Mary Alice Coffroth	University at Buffalo – The State University of New York (USA)	Cnidarian-algal symbioses

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## 10. Funding ID

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Status	Year	Amount	Financer	Financer's country	Subject
Acquired					

	1997-1998	10,000,000 Italian Lire (= <b>5,164.57</b> €)	Sub Service S. R. L., Bologna	Italy	Coral reproduction
	1999-2001	90,000,000 Italian Lire (= <b>46,481.12</b> €)	Sub Service S. R. L., Bologna	Italy	Citizen science: seahorses monitoring program
	2001	5,000,000 Italian Lire (= <b>2,582.28</b> €)	Ministry of Public Instruction, University, and Scientific and Technological Research. Young Researchers Project, University of Bologna	Italy	Reproductive and demographic biodiversity in Mediterranean populations of solitary corals (Cnidaria, Anthozoa, Scleractinia)
	2002	10,000,000 Italian Lire (= <b>5,164.57</b> €)	Mobby's S. R. L., Ivrea	Italy	Citizen science: Mediterranean biodiversity monitoring program
	2003-2005	<b>45,000.00</b> €	ATOI Services S. R. L., Milano	Italy	Citizen science: Mediterranean biodiversity monitoring program
	2005	<b>3,849.00</b> €	University of Bologna, Marco Polo Program for research abroad	Italy	Molecular ecology and population dynamics of corals at the State University of New York
	2006-2010	<b>70,000.00</b> €	Project AWARE Foundation, Hettlingen	Switzerland	Citizen science: Red Sea coral reefs biodiversity monitoring program
	2006-2010	<b>45,000.00</b> €	ASTOI Association, Milano	Italy	Citizen science: Red Sea coral reefs biodiversity monitoring program
	2006-2014	<b>90,000.00</b> €	Ministry of Tourism of the Arab Republic of Egypt	Egypt	Citizen science: Red Sea coral reefs biodiversity monitoring program
	2010-2012	<b>62,061.00</b> €	Private donation	Costa Rica	Influence of global warming and ocean acidification on coral biodiversity in the Mediterranean and the Red Sea

	2010-2016	<b>3,332,032.00 €</b> (together with Prof. Zvy Dubinsky, Bar-Ilan University, Israel, and Prof. Giuseppe Falini, University of Bologna)	European Research Council (FP7 – IDEAS program). Grant Agreement no: 249930.	European Union (European Commission)	“Corals and global warming: the Mediterranean versus the Red Sea” ( <a href="http://www.CoralWarm.eu">www.CoralWarm.eu</a> ); Coordinators: Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna; Prof. Giuseppe Falini, Department of Chemistry, University of Bologna; Prof. Zvy Dubinsky, Faculty of Life Sciences, Bar-Ilan University, Israel.
	2011-2015	<b>62,500.00 €</b>	Settemari S. p. A Tour Operator	Italy	Citizen science: Red Sea coral reefs biodiversity monitoring program
	2011-2014	<b>12,000.00 €</b>	Scuba Nitrox Safety International	Italy	Citizen science: Red Sea coral reefs biodiversity monitoring program
	2011-2014	<b>20,000.00 €</b>	Viaggio nel Blu Diving Center	Egypt	Citizen science: Red Sea coral reefs biodiversity monitoring program
	2011-2015	<b>17,621.00 €</b>	Ministry of Instruction, University and Research. Oriented Fundamental Research	Italy	Coral Ecology and Biology; Citizen Sciences
	2011-2014	<b>2,500.00 €</b>	Canziani Legacy, Department of Biological, Geological and Environmental Sciences, University of Bologna	Italy	Coral Ecology and Biology; Citizen Sciences
	2012	<b>4,000.00 €</b>	Fondazione del Monte di Bologna e Ravenna (Bank Foundation)	Italy	Researchers speak to the city: bubbles and corals in square (scientific dissemination project)

	2013	<b>2,487.00 €</b> (together with Fiorella Prada, University of Bologna, Italy)	Marco Polo program (abroad research fellowship program), Integrated Budget for Research, Department of Biological Geological and Environmental Sciences, University of Bologna, Ministry of Education, Universities and Research	Italy	“Response of the symbiotic system of the temperate coral <i>Balanophyllia europaea</i> to pH and temperature levels predicted for the end of this century”. Coordinators: Fiorella Prada and Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2013	2,000 US dollars (= <b>1,539.60 €</b> ; together with Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA)	Lerner Gray Memorial Fund of the American Museum of Natural History	USA	“Self-fertilization as a mechanism for population maintenance in a changing environment”. Coordinators: Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA; Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2013-2014	<b>34,580.00 €</b> (together with Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA)	The European Institutes for Advanced Study (EURIAS) Fellowship Programme, FP7	European Union (European Commission)	“Self-fertilization as a mechanism for population maintenance in a changing environment”. Coordinators: Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA; Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2013-2017	<b>46,280.00 €</b>	Research Integrated Budget, University of Bologna, Ministry of Education, Universities and Research.	Italy	"Photosynthesis as compensation mechanism of ocean acidification negative effects on calcification, in Mediterranean model anthozoans". Research fellowship grant. Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2011-2013	<b>31,084.59 €</b> (together with Valentina Airi, University of Bologna, Italy)	"Master and back program –high level training", Sardinia Autonomous Region	Italy	"Reproduction of Mediterranean zoanthellate and azooanthellate scleractinian corals along environmental gradients". Coordinators: Valentina Airi and Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2014	3,045 US dollars (= <b>2,204.74 €</b> ; together with: Chiara Marchini, University of Bologna; Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA)	Bermuda Institute of Ocean Sciences (Sydney L Wrigth Fellowship Program)	Bermuda	"Variations in reproductive effort by two common coral species in shallow versus mesophotic habitats in Bermuda". Coordinators: Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA; Chiara Marchini and Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2014	<b>4,050.00 €</b> (together with Chiara Marchini, University of Bologna, Italy)	Marco Polo program (abroad research fellowship program), Integrated Budget for Research, Department of Biological Geological and Environmental Sciences, University of Bologna, Ministry of Education, Universities and Research	Italy	“Variations in reproductive effort by two common coral species in shallow versus mesophotic habitats in Bermuda”. Coordinators: Chiara Marchini and Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2014-2022	<b>20,000 €</b> (together with Prof. Zvy Dubinsky, Bar-Ilan University, Israel, Prof. Giuseppe Falini, University of Bologna, and Prof Jaap Kaandorp, University of Amsterdam, The Netherlands)	European Space Agency		“Topical Team: Space bioreactor for marine mineralization material research (SpaceBioMat)”. Conceiveurs: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Giuseppe Falini, Department of Chemistry, University of Bologna; Prof. Zvy Dubinsky, Faculty of Life Sciences, Bar-Ilan University, Israel; Jaap Kaandorp, Section Computational Science, University of Amsterdam, The Netherlands

	2014-2019	<b>117,318.01 €</b> (together with Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, University of Bologna)	European Commission (Directorate for Fisheries), and partner countries (MEDITS project).	European Union (European Commission)	“Ecosystem approach to the assessment of fishery resources”. Coordinators: Stefano Goffredo, Marine Science Group, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2015-2017	<b>22,500.00 €</b> (together with Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, University of Bologna)	Government of Emilia Romagna Region; European Commission (Directorate for Fisheries), and partner countries (MEDITS project).	Italy; European Union (European Commission)	“Clam biology and fishery”. Coordinators: Stefano Goffredo, Marine Science Group, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2015	<b>4,050.00 €</b> (together with Francesca Gizzi, University of Bologna, Italy)	Marco Polo program (abroad research fellowship program), Integrated Budget for Research, Department of Biological Geological and Environmental Sciences, University of Bologna, Ministry of Education, Universities and Research	Italy	“Physiology, biominerilization, and skeletal properties variations in two tropical corals exposed to pH and temperature levels projected for the end of this century”. Coordinators: Francesca Gizzi and Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2016-2018	<b>51,122.01 €</b> (together with Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, University of Bologna)	European Commission (Directorate for Fisheries), and partner countries (MEDITS project).	European Union (European Commission)	“Population distribution and demographic structure of benthic and demersal species in the Mediterranean Sea”. Coordinators: Stefano Goffredo, Marine Science Group, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2016-2017	<b>23,516.00 €</b> (together with Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, University of Bologna)	European Commission (Directorate for Fisheries), and partner countries (MEDITS project).	European Union (European Commission)	“Critical analysis of fishery science models”. Coordinators: Stefano Goffredo, Marine Science Group, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna

	2016-2018	<b>35,000.00 €</b> (together with Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, University of Bologna)	European Commission (Directorate for Fisheries), and partner countries (MEDITS project).	European Union (European Commission)	“Assessment of Mediterranean fish resources in European Union Countries”. Coordinators: Stefano Goffredo, Marine Science Group, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2016-2018	<b>35,292.00 €</b> (together with Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, University of Bologna)	Calabria Region	Italy	Citizen science-based monitoring program of Mediterranean biodiversity and its responses to climate change and invasive species. Coordinators: Stefano Goffredo, Marine Science Group, Department of Biological, Geological and Environmental Sciences, University of Bologna; Prof. Corrado Piccinetti, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2017-2019	<b>38,500.01 €</b>	Total Foundation	France	“Assessing the impacts of ocean acidification on marine biodiversity and species adaptation (High-CO <sub>2</sub> Seas)”. Coordinator: Nuria Teixidó, Stazione Zoologica Anton Dohrn of Naples

	2017	<b>4,050.00 €</b> (together with Arianna Mancuso, University of Bologna, Italy)	Marco Polo program (abroad research fellowship program), Integrated Budget for Research, Department of Biological Geological and Environmental Sciences, University of Bologna, Ministry of Education, Universities and Research	Italy	"Oxygen and carbon stable isotope composition, age and growth rates of the clam <i>Chamelea gallina</i> (Bivalvia: Veneridae) along a wide latitudinal temperature and solar radiation gradient". Coordinators: Arianna Mancuso and Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2017-2019	<b>9,342.00 €</b>	SCUBAPRO, Johnson Outdoors Inc.	USA	"Sea Sentinels - Divers United for the Environment". Coordinator: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2018-2020	<b>20,000.00 €</b> (together with Erik Caroselli, University of Bologna, Italy)	University of Bologna , Alma Idea Grant Junior	Italy	"Response strategies to ocean acidification: morphological plasticity and microbial ecosystem variations in corals". Coordinator: Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Participant: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2018-2019	5,000.00 US dollars (= <b>4,504.50 €</b> ; together with: Arianna Mancuso, University of Bologna)	National Geographic Society	USA	"Shell Warm - The Panarea underwater crater: a natural laboratory for studying acidification and warming effects on Mediterranean benthic molluscs in face of global climate change". Coordinator: Arianna Mancuso, Marine Biology and Fisheries Laboratory at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna. Participant: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2018-2019	<b>70,000.00 €</b>	Confcommercio-Imprese per l'Italia	Italy	"Sea Sentinels - Divers United for the Environment". Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2018-2022	<b>74,948.96 €</b>	H2020, Societal Challenges (Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy)	European Union (European Commission)	"Controlling mIcRobiomes CircuLations for bEtter food Systems (CIRCLES)". Coordinator: Marco Candela, Department of Pharmacy and Biotechnology, University of Bologna. Participant: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2019	<b>30,000.00 €</b>	Associazione Nazionale Buoni Vacanze Italia	Italy	"Sea Sentinels - Divers United for the Environment". Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2019	<b>8,196.67 €</b>	Kel 12 Tour Operator	Italy	"Sea Sentinels - Divers United for the Environment". Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2018-2020	<b>23,788.00 €</b>	Research Integrated Budget, University of Bologna, Ministry of Education, Universities and Research.	Italy	"Effects of climate change on reproduction in Mediterranean corals". Research fellowship grant. Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
	2016-2021	<b>81,142.67 €</b>	Private companies (Starwiss, Svizzera; Art and Entertainment Swiss, Svizzera; Pink Wave Swiss, Svizzera; Settemari Tour Operator, Italia)	Switzerland	"Glocal Education". Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2019-2022	<b>144,000.00 €</b> (together with: Giovanni Rossi, University of Bologna)	ARPAE - Regional Agency for Prevention, Environment and Energy of Emilia-Romagna	Italy	"Refinement of the calculation of NISECI index parameters and of sampling protocol procedures for monitoring the priority substances in the biota, in surface water bodies (lakes and rivers) of the Emilia- Romagna region, functional to achieving the quality objectives within the water protection plan". Coordinators: Giovanni Rossi, Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2022	<b>40,000 €</b>	ISPRA, Higher Institute for Environmental Protection and Research	Italy	Fish fauna of large rivers: experiments for the definition of the sampling protocol and index aimed at assessing the ecological status. Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.
<b>TOTAL ACQUIRED, 1997-2022: 4,805,452.30 €</b>					

Status Arranged	Year	Amount	Financer	Financer's Country / Union	Subject
	2023	<b>14,989.80 €</b>	H2020, Societal Challenges (Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy)	European Union (European Commission)	"Controlling mIcRobiomes CircuLations for bEtter food Systems (CIRCLES)". Coordinator: Marco Candela, Department of Pharmacy and Biotechnology, University of Bologna. Participant: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.

	2023	<b>36,000.00 €</b>	ARPAE - Regional Agency for Prevention, Environment and Energy of Emilia-Romagna	Italy	"Refinement of the calculation of NISECI index parameters and of sampling protocol procedures for monitoring the priority substances in the biota, in surface water bodies (lakes and rivers) of the Emilia-Romagna region, functional to achieving the quality objectives within the water protection plan". Coordinator: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2023	<b>40,000.00 €</b>	ISPRA, Higher Institute for Environmental Protection and Research	Italy	Fish fauna of large rivers: experiments for the definition of the sampling protocol and index aimed at assessing the ecological status. Coordinator: Stefano Goffredo; Department of Biological, Geological and Environmental Sciences, University of Bologna.
	2022-2026	<b>699,999.00 €</b>	Next Generation EU, National Recovery and Resilience Plan (NRRP), National Biodiversity Future Center (NBFC) [Spoke 2, Activity 1, Action 2]	European Union (European Commission)	Zero pollution strategy for biodiversity protection. UniBo Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna. Participants: Elena Fabbri and Enrico Dinelli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Giulio Zanaroli, Department of Civil, Chemical, Environmental, and Materials Engineering, University of Bologna.

	2022-2026	<b>1,025,000.00 €</b>	Next Generation EU, National Recovery and Resilience Plan (NRRP), National Biodiversity Future Center (NBFC) [Spoke 2, Activity 1, Action 3]	European Union (European Commission)	Common strategy for reducing impacts on marine biodiversity. UniBo Coordinator: Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.
TOTAL ARRANGED, 2022-2026: <b>1,815,988.80 €</b>					

## 11. Research project participations

Year	Project Title	Project coordinator	Financer / sponsor	Role
1999-2001	Mediterranean <i>Hippocampus</i> Mission: a study on the geographical and ecological distribution of seahorses	Stefano Goffredo, Corrado Piccinetti, and Francesco Zaccanti (University of Bologna)	Sub Service S. R. L – Scuba Schools International (Italy)	<u>Co-coordinator and researcher</u>
2002	Genetic variability and reproductive variance: comparison among non-canonical animal system	Franca Scanabissi, Barbara Mantovani, and Francesco Zaccanti (University of Bologna)	Italian Ministry of Education, University and Research (ex 40% project)	<u>Researcher</u>
2002-2005	Divers for the Environment: Mediterranean Underwater Biodiversity Project	Stefano Goffredo, Corrado Piccinetti, and Francesco Zaccanti (University of Bologna)	Italian Ministry of the Environment, Association of Italian Tour Operators, Scuba Schools International, Scuba Nitrox Safety International, International Diving Educators Association, Quark, Underwater Life Project, Mobby's S. R. L., and Association of Diving Didactics (Italy); Professional Association of Diving Instructors and Project AWARE Foundation (Switzerland).	<u>Co-coordinator</u>
2005	Tsunami Survey Expedition: Investigation of Maldivian Coral Reefs After the 2004 Sumatra earthquake	Stefano Goffredo (University of Bologna)	The Government of the Republic of the Maldives, Maldives Association of Tourism Industry, Maldives Tourism Promotion Board, and Crown Company PVT LTD (Maldives); Association of Italian Tour Operators (Italy).	<u>Coordinator</u>
1996-2010	Reproductive biology in animal populations: morphological, systematic and ecological aspects	Francesco Zaccanti (University of Bologna)	Italian Ministry of Education, University and Research (ex 60% project)	<u>Researcher</u>
1996-2010	Morphology, systematic, and ecology of reproduction in Cnidaria, Anellida, and Vertebrata	Francesco Zaccanti (University of Bologna)	Italian Ministry of Education, University and Research (ex 60% project)	<u>Researcher</u>

1996-2010	Taxonomy, systematic, and phylogeny in cnidarians, crustaceans, insects, and fishes	Francesco Zaccanti (University of Bologna)	Canziani foundation of the Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy)	<u>Researcher</u>
1996-2010	Long-term program on biodiversity	Francesco Zaccanti (University of Bologna)	Alma Mater Studiorum University of Bologna (Italy)	<u>Researcher</u>
2004-2009	Population Dynamics modeling of Giant Sea Anemones in the northern Red Sea	Nanette Elisabeth Chadwick-Furman (Auburn University)	International Research Experiences for Students (IRES), National Science Foundation (USA).	<u>Researcher</u>
2005-2008	Population ecology of coral reef organisms in the Bahamas, Caribbean and Florida	Howard Lasker (State University of New York at Buffalo)	National Science Foundation, New York State Sea Grant Institute, and National Undersea Research Center at the Caribbean Marine Research Center (USA).	<u>Researcher</u>
2005-2008	Population structure of algal and coral genome in the Mediterranean symbiotic system <i>Balanophyllia europaea</i>	Mary Alice Coffroth (State University of New York at Buffalo) and Stefano Goffredo (University of Bologna)	Marco Polo program of the University of Bologna, Ministry of Tourism of the Arab Republic of Egypt; Association of Italian Tour Operator, and the Canziani foundation of the Department of Evolutionary and Experimental Biology of University of Bologna (Stefano Goffredo and Francesco Zaccanti, Italian and Egyptian funds); NOAA's National Undersea Research Program, and the National Science Foundation (Mary Alice Coffroth, USA funds).	<u>Co-coordinator</u>
2006-2015	STE: Scuba Tourism for the Environment. Red Sea Biodiversity Monitoring Program	Stefano Goffredo, Corrado Piccinetti, and Francesco Zaccanti (University of Bologna)	Ministry of Tourism of the Arab Republic of Egypt, Egyptian Tourism Authority, Egyptian Underwater and Lifesaving Federation, Viaggio nel Blu diving center, and Holiday Service diving center (Egypt); Project AWARE Foundation (Switzerland); Ministry of the Environment and Land and Sea Protection of the Italian Republic, Association of Italian Tour Operator, Scuba Nitrox Safety International, Scuba Schools International, Underwater Life Project, TuttoTurismo, Neos airlines, Settemari Tour Operator (Italy).	<u>Co-coordinator</u>
2010-2016	CoralWarm. Corals and Global Warming: The Mediterranean versus the Red Sea	Stefano Goffredo, Giuseppe Falini, Zvy Dubinsky	European Research Council (FP7 – IDEAS program); European Commission (European Union)	<u>Conceiver, co-coordinator</u>

2013-2014	Self-fertilization as a mechanism for population maintenance in a changing environment	Gretchen Goodbody-Gringley, Bermuda Institute of Ocean Sciences, Bermuda; Harvard University, USA; Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.	The European Institutes for Advanced Study (EURIAS) Fellowship Programme, FP7, European Union (European Commission). Lerner Gray Memorial Fund of the American Museum of Natural History, USA.	Co-coordinator
2013-2021	The isotopic composition of corals and waters along the Italian coast	Aldo Shemesh, Weizmann Institute of Science, Israel; Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna.	Weizmann Institute of Science, Israel. University of Bologna, Italy.	Co-coordinator
2014-2022	Topical Team: Space bioreactor for marine mineralization material research (SpaceBioMat)	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna (Project Conceiver: Stefano Goffredo; Giuseppe Falini, Department of Chemistry, University of Bologna; Zvy Dubinsky, Faculty of Life Sciences, Bar-Ilan University, Israel; Jaap Kaandorp, Section Computational Science, University of Amsterdam, The Netherlands)	European Space Agency	Co-conceiver and coordinator
2017-2019	Assessing the impacts of ocean acidification on marine biodiversity and species adaptation (High-CO <sub>2</sub> Seas)	Nuria Teixidó, Stazione Zoologica Anton Dohrn of Naples	Total Foundation, France	Partner
2018-2019	Shell Warm - The Panarea underwater crater: a natural laboratory for studying acidification and warming effects on Mediterranean benthic molluses in face of global climate change	Arianna Mancuso, Marine Biology and Fisheries Laboratory at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna	National Geographic Society, USA	Participant
2018-2020	Response strategies to ocean acidification: morphological plasticity and microbial ecosystem variations in corals	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna	University of Bologna , Alma Idea Grant Junior	Participant
2018-2023	Controlling mIcRobiomes CircuLations for bEtter food Systems (CIRCLES)	Marco Candela, Department of Pharmacy and Biotechnology, University of Bologna	H2020, Societal Challenges (Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy), European Commission (European Union)	Participant

2017-today	Sea Sentinels – Divers United for the Environment	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Confcommercio-Confturismo, Buoni Vacanze Italia, Kell 12 – National Geographic Expedition, SCUBAPRO, PADI	Coordinator
2016-today	Glocal Education	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Private companies (Starwiss, Svizzera; Art and Entertainment Swiss, Svizzera; Pink Wave Swiss, Svizzera; Settemari Tour Operator, Italia)	Coordinator
2022-today	National Recovery and Resilience Plan, National Biodiversity Future Center, Solutions to reverse marine biodiversity loss, and manage marine resources sustainably, Assess and mitigate impacts and threats to marine biodiversity, Zero pollution strategy for biodiversity protection	Gian Marco Luna, Institute for biological resources and marine biotechnology, National Research Council; Mariachiara Chiantore, Department of Earth, Environmental and Life Sciences, University of Genoa; Francesco Regoli, Department of Life and Environmental Sciences, Marche Polytechnic University	European Commission (European Union), NextGenerationEU	Coordinator of the operational unit of the University of Bologna
2022-today	National Recovery and Resilience Plan, National Biodiversity Future Center, Solutions to reverse marine biodiversity loss, and manage marine resources sustainably, Assess and mitigate impacts and threats to marine biodiversity, Common strategy for reducing impacts on marine biodiversity	Gian Marco Luna, Institute for biological resources and marine biotechnology, National Research Council; Mariachiara Chiantore, Department of Earth, Environmental and Life Sciences, University of Genoa	European Commission (European Union), NextGenerationEU	Coordinator of the task “Research and innovation infrastructure for biodiversity management”

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## 12. Supervision of Master's and Bachelor's students

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#	Academic year of graduation	Name	Graduation level	Thesis title	Supervisor	Co-supervisor
1	1999/2000	Silvia Arnone	Master of Science	Reproductive cycle of the solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia) in the south-east Ligurian Sea	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna

2	2002/2003	Lucia Mezzomonaco	Master of Science	Genetic differentiation among populations of the hermaphroditic, brooding solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia, Dendrophylliidae)	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
3	2002/2003	Maria Grazia Esposito	Master of Science	Mediterranean <i>Hippocampus</i> Mission: a study on the geographical and ecological distribution of seahorses, in collaboration with the recreational diving industry	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
4	2002/2003	Antonio Orlandi	Master of Science	2002-2005: Divers for the Environment – Mediterranean Underwater Biodiversity Project. An environmental monitoring in collaboration with the underwater tourism industry. Results of the first year of research	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
5	2002/2003	Josipa Radetić	Master of Science	Sexual reproduction of the solitary coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) in the Mediterranean Sea	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
6	2003/2004	Patrizia Neri	Master of Science	2002-2005: Divers for the Environment – Mediterranean Underwater Biodiversity Project. An environmental monitoring in collaboration with the underwater tourism industry. Results after two years of research	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
7	2003/2004	Valentina Airi	Master of Science	Sexual reproduction of the solitary sunset cup coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) in the Mediterranean. Quantitative aspects of the annual reproductive cycle	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna

8	2004/2005	Elena Sasdelli	Bachelor of Science	Volunteer citizens in environmental monitoring. Divers for the environment, Mediterranean Underwater Biodiversity Project.	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
9	2004/2005	Theodora Sideratou	Master of Science	Estimation of the selfing rate in the solitary coral <i>Balanophyllia europaea</i> . Preliminary results	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
10	2004/2005	Maria Scola Gagliardi	Master of Science	2002-2005: Divers for the Environment – Mediterranean Underwater Biodiversity Project. An environmental monitoring in collaboration with the underwater tourism industry. Results after three years of research	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
11	2004/2005	Gabriella Gasparini	Bachelor of Science	Sexual reproduction of the coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae) at Palinuro, Southern Tyrrhenian Sea	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
12	2004/2005	Alice Roffi	Bachelor of Science	Mating system in the solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae)	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
13	2005/2006	Sabrina di Ceglie	Master of Science	Genetic differentiation among populations of the gonochoric brooding coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae). Preliminary results	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna

14	2005/2006	Erik Caroselli	Master of Science	Environmental control on biometry and demography of solitary corals in the Mediterranean Sea	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
15	2005/2006	Maria Teresa Putignano	Bachelor of Science	Annual cycle of sexual reproduction of the coral <i>Astroides calycularis</i> (Scleractinia, Dendrophylliidae) at Palinuro, Southern Tyrrhenian Sea. Preliminary results	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
16	2005/2006	Sara Malavolti	Bachelor of Science	The involving of volunteer citizens in marine environment monitoring: Divers for the environment, Mediterranean Underwater Biodiversity Project	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Patrizia Neri, Department of Evolutionary and Experimental Biology, University of Bologna
17	2005/2006	Barbara Amato	Bachelor of Science	Genetic differentiation among Mediterranean populations of the solitary coral <i>Leptopsammia pruvoti</i> (Scleractinia: Dendrophylliidae). Preliminary results	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
18	2006/2007	Giulia Marconi	Master of Science	Annual cycle of sexual reproduction of the coral <i>Astroides calycularis</i> (Scleractinia, Dendrophylliidae), in the Southern Tyrrhenian Sea. Preliminary results	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
19	2006/2007	Angela Velardi	Master of Science	Marine biodiversity monitoring in collaboration with volunteer recreational divers. Divers for the environment: Mediterranean underwater biodiversity project	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Patrizia Neri, Department of Evolutionary and Experimental Biology, University of Bologna

20	2006/2007	Gabriella Gasparini	Master of Science	Sexual reproduction of the Mediterranean colonial coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae). Preliminary results	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
21	2006/2007	Francesco Pensa	Master of Science	Volunteer Recreational Divers in a Marine Biodiversity Monitoring Project, along the Italian Coasts	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Patrizia Neri, Department of Evolutionary and Experimental Biology, University of Bologna
22	2006/2007	Simone Branchini	Bachelor of Science	Tourism and Biodiversity: assessment of coral reef biodiversity in the northern Red Sea, by means of tourist diver surveys.	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Patrizia Neri, Department of Evolutionary and Experimental Biology, University of Bologna
23	2007/2008	Patrizia Vergni	Master of Science	Relevance and structure of <i>Balanophyllia europaea</i> : a Mediterranean coral.	Giuseppe Falini, Department of Chemistry, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
24	2007/2008	Maria Teresa Putignano	Master of Science	Annual cycle of sexual reproduction of the Mediterranean coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae)	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
25	2007/2008	Natalia Troiani	Bachelor of Science	Molecular markers for the Mediterranean solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae). Preliminary results.	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
26	2008/2009	Leonardo Laiolo	Bachelor of Science	Quantitative variation of aragonite and calcite crystals during the exoskeletal growth of Mediterranean corals	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Erik Caroselli, Department of Evolutionary and Experimental Biology, University of Bologna; Giuseppe Falini, Department of Chemistry, University of Bologna

27	2008/2009	Francesco Mezzo	Bachelor of Science	Morphological and crystallographic variations of the skeleton during the life cycle of two Mediterranean corals (Scleractinia)	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Erik Caroselli, Department of Evolutionary and Experimental Biology, University of Bologna; Giuseppe Falini and Patrizia Vergni, Department of Chemistry, University of Bologna
28	2008/2009	Michela Reggi	Bachelor of Science	Biomineralization in the Mediterranean coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae)	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Erik Caroselli, Department of Evolutionary and Experimental Biology, University of Bologna; Giuseppe Falini and Patrizia Vergni, Department of Chemistry, University of Bologna
29	2008/2009	Claudia Pazzini	Bachelor of Science	Gonochorism and larval development of the Mediterranean endemic coral <i>Astroides calycularis</i> (Scleractinia, Dendrophylliidae). Morphological aspects of gametogenesis and ontogenesis	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
30	2008/2009	Stefano Tassinari	Bachelor of Science	Analysis of skeletal organic matrix in marine calcifying organisms	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna; Giuseppe Falini and Patrizia Vergni, Department of Chemistry, University of Bologna; Daniele Fabbri and Alessio Adamiano, Environmental Sciences, Ravenna, University of Bologna
31	2008/2009	Fiorella Prada	Master of Science	Relationship between environmental and skeletal parameters in Mediterranean corals	Francesco Nonnis Marzano, Department of Evolutionary and Functional Biology, University of Parma	Stefano Goffredo and Erik Caroselli, Department of Evolutionary and Experimental Biology, University of Bologna; Luca Pasquini, Department of Physics, University of Bologna

32	2009/2010	Anna Collavo	Master of Science	Coral biodiversity survey in the northern Red Sea based on the collaboration of recreational divers. A temporal and spatial large scale monitoring program.	Francesco Zaccanti, Department of Evolutionary and Experimental Biology, University of Bologna	Stefano Goffredo and Francesco Pensa, Department of Evolutionary and Experimental Biology, University of Bologna
33	2009/2010	Lisa Mattielli	Master of Science	Large spatial- and temporal-scale monitoring of coral biodiversity in the Red Sea	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Francesco Pensa, Department of Evolutionary and Experimental Biology, University of Bologna
34	2009/2010	Simone Branchini	Master of Science	Large spatial and temporal scale analyses of coral biodiversity in the Red Sea	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Francesco Pensa, Department of Evolutionary and Experimental Biology, University of Bologna
35	2009/2010	Maria Elena Sillingardi	Master of Science	Involvement of sport divers in the monitoring of coral reef biodiversity in the Red Sea	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Francesco Pensa, Department of Evolutionary and Experimental Biology, University of Bologna
36	2010/2011	Michela Reggi	Master of Science	Biomineralization in Mediterranean corals (Scleractinia): the zooxanthellate (mixotrophic) <i>Balanophyllia europaea</i> versus the non-zooxanthellate (heterotrophic) <i>Leptopsammia pruvoti</i> .	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Giuseppe Falini, Department of Chemistry, University of Bologna
37	2010/2011	Chiara Marchini	Master of Science	Reproduction of the solitary coral <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae). Morphological aspects of gametogenesis and ontogenesis	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Valentina Airi, Department of Evolutionary and Experimental Biology, University of Bologna

38	2010/2011	Marta Rocchi	Bachelor of Science	Preliminary results on the reproduction of the solitary coral <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae)	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Valentina Airi, Department of Evolutionary and Experimental Biology, University of Bologna
39	2010/2011	Francesca Gizzi	Master of Science	Variation of the reproductive capacity in the coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae) along a latitudinal gradient of solar radiation and temperature	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Valentina Airi, Department of Evolutionary and Experimental Biology, University of Bologna
40	2010/2011	Arianna Mancuso	Master of Science	Skeletal mechanical properties of the Mediterranean corals <i>Balanophyllia europaea</i> and <i>Leptopsammia pruvoti</i> in relation the environmental parameters	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Luca Pasquini, Department of Physics, University of Bologna; Erik Caroselli, Department of Evolutionary and Experimental Biology, University of Bologna
41	2010/2011	Selena Prantoni	Master of Science	Variation of the reproductive capacity in the coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) along a latitudinal gradient of temperature	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Valentina Airi, Department of Evolutionary and Experimental Biology, University of Bologna
42	2011/2012	Leonardo Laiolo	Master of Science	Ecological modeling of the phytoplankton dynamics in the northern Gulf of Aqaba (Red Sea)	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Alberto Barausse and Luca Palmeri, Department of Chemical Processes for Engineering, University of Padova, David Iluz and Zvy Dubinsky, Faculty of Life Sciences, Bar-Ilan University
43	2011/2012	Bianca Maria Tonucci	Bachelor of Science	Pluriannual monitoring of Red Sea coral reefs' biodiversity, by means of recreational divers' involvement	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna	Simone Branchini and Francesco Pensa, Department of Evolutionary and Experimental Biology, University of Bologna

44	2011/2012	Giorgia Polimeni	Master of Science	A study on the effects of marine acidification on reproduction of Mediterranean corals, performed at an underwater volcanic crater characterized by CO <sub>2</sub> emissions.	Monica Bressan, Department of Biology, University of Padova	Stefano Goffredo, Department of Evolutionary and Experimental Biology, University of Bologna
45	2012/2013	Andrea Garuti	Bachelor of Science	Pluriannual monitoring of coral biodiversity in the Red Sea: limitations and advantages of volunteers' involvement	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Simone Branchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
46	2012/2013	Roberto Fontana	Master of Science	Annual reproductive cycle of the solitary coral <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae) characterized by an unusual model of embryogenesis	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
47	2012/2013	Valentina Lazzari	Master of Science	Study of the effect of sea acidification on the reproduction of the coral <i>Astroites calycularis</i> (Scleractinia, Dendrophylliidae), along a natural gradient of CO <sub>2</sub>	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
48	2013/2014	Marta Meschini	Bachelor of Science	Large spatial and temporal scale analysis of Red Sea coral reef biodiversity based on recreational diver surveys	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Simone Branchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
49	2013/2014	Enrica Zanuttigh	Bachelor of Science	Role of coral intra-skeletal organic matrix on calcium carbonate precipitation	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Giuseppe Falini, Department of Chemistry, University of Bologna

50	2013/2014	Luca Marisaldi	Bachelor of Science	Effect of ocean acidification on the reproductive output of the coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae) transplanted along a natural CO <sub>2</sub> gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
51	2013/2014	Ludovica de Mas	Master of Science	Effect of ocean acidification on the reproductive output of the solitary coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) transplanted along a natural gradient of CO <sub>2</sub>	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
52	2013/2014	Francesco Ricci	Master of Science	Relationships between growth, population dynamics, and environmental parameters in the solitary non-zooxanthellate scleractinian coral <i>Caryophyllia inornata</i> along a latitudinal gradient in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna
53	2013/2014	Giada Tortorelli	Master of Science	Variation of reproductive capacity in the non-zooxanthellate coral <i>Caryophyllia inornata</i> along a latitudinal gradient of temperature and solar radiation	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
54	2013/2014	Viviana Brambilla	Master of Science	Inferred calcification rate of a temperate non-zooxanthellate caryophylliid coral along a wide latitudinal gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna; Maria Teresa Marques Ferreira da Cunha Cardoso, Instituto Superior de Agronomia, Universidade de Lisboa	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Maria Teresa Marques Ferreira da Cunha Cardoso, Instituto Superior de Agronomia, Universidade de Lisboa
55	2014/2015	Valeria Serafini	Bachelor of Science	Large spatial and temporal scale monitoring of Red Sea coral reef biodiversity through volunteer involvement	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Simone Branchini and Viviana Brambilla, Department of Biological, Geological and Environmental Sciences, University of Bologna

56	2014/2015	Veronica Lisini Baldi	Bachelor of Science	Study of the reproductive efficiency of the non-zooxanthellate solitary coral <i>Leptopsammia pruvoti</i> along a latitudinal gradient of temperature and solar radiation	Felicia Scapini, Department of Biology, University of Florence	Stefano Goffredo and Valentina Airi, Department of Biological, Geological and Environmental Sciences, University of Bologna
57	2014/2015	Elena Guidi	Bachelor of Science	Study of the reproductive capacity of the non-zooxanthellate solitary coral <i>Caryophyllia inornata</i> along a latitudinal gradient of temperature and solar radiation	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
58	2014/2015	Maila Lavia	Bachelor of Science	Environmental quality assessment of Tenna river hydrographic basin, by means of benthic macroinvertebrates-based biological indicator	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Bruna Gumiero, School of Sciences, University of Bologna; Daniela Corradetti, Regional Agency for the Environmental Protection of the Region Marche
59	2014/2015	Francesco Montori	Bachelor of Science	Ocean acidification effect on gametogenesis and embryogenesis of the orange coral <i>Astroides calycularis</i> (Scleractinia, Dendrophylliidae) transplanted along a natural CO <sub>2</sub> gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
60	2014/2015	Ginevra Allegra Simoncini	Bachelor of Science	Relationship between phenotype and environment in calcifying organisms: the case study of the clam <i>Chamelea gallina</i> in the Adriatic Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Giuseppe Falini, and Michela Reggi Department of Chemistry, University of Bologna; Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
61	2014/2015	Greta Zampa	Bachelor of Science	Spatial and temporal analysis of Red Sea coral diversity based on a volunteer-generated database	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Simone Branchini and Viviana Brambilla, Department of Biological, Geological and Environmental Sciences, University of Bologna

62	2015/2016	Sara Natale	Bachelor of Science	Study of the reproductive capacity of the zooxanthellate solitary coral <i>Balanophyllia europaea</i> exposed to different aquarium experimental conditions of temperature and pH	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Valentina Airi, Department of Biological, Geological and Environmental Sciences, University of Bologna
63	2015/2016	Michela Castioni	Bachelor of Science	Study of the reproductive capacity of the non-zooxanthellate solitary coral <i>Leptopsammia pruvoti</i> exposed to different aquarium experimental conditions of temperature and pH	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Valentina Airi, Department of Biological, Geological and Environmental Sciences, University of Bologna
64	2015/2016	Claudia Covi	Bachelor of Science	Long-term effects of citizen science projects on volunteers' environmental education	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Simone Branchini and Viviana Brambilla, Department of Biological, Geological and Environmental Sciences, University of Bologna; Francesca Prati, Department of Psychology, University of Bologna
65	2015/2016	Francesco Raimondi	Master of Science	Biometry, growth and skeletal parameters of the temperate zooxanthellate coral <i>Balanophyllia europaea</i> along a depth gradient in the Dardanelles (Turkish Straits System, Western Turkey)	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Bariş Özalp, Çanakkale Onsekiz Mart University
66	2015/2016	Chiara Ceccarelli	Bachelor of Science	Variations in colony and polyp morphology and skeletal characteristics of a temperate non-zooxanthellate coral naturally living at CO <sub>2</sub> vents	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Núria Teixidó and Maria Cristina Gambi, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli
67	2015/2016	Marco Davoli	Master of Science	Volunteer-based monitoring program of Red Sea coral reef biodiversity: data quality evaluation	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Patrizia Neri and Simone Branchini, Department of Biological, Geological and Environmental Sciences, University of Bologna

68	2015/2016	Laura Locci	Master of Science	Citizen Science: reliability evaluation of data collected by non-professional volunteers	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Patrizia Neri, Department of Biological, Geological and Environmental Sciences, University of Bologna
69	2015/2016	Lisa Moreddu	Bachelor of Science	The effect of ocean acidification on the reproductive output of a colonial non-zooxanthellate coral <i>Astroides calycularis</i> (Scleractinia, Dendrophylliidae) transplanted along a natural $p\text{CO}_2$ gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
70	2015/2016	Eleonora Beccari	Bachelor of Science	Population density, biometry and skeletal parameters of a Mediterranean non-zooxanthellate coral along an anthropogenic impact gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna; Fabio Badalamenti, Institute for Coastal Marine Environment, National Research Council
71	2015/2016	Dragana Paleček	Bachelor of Science	The effect of ocean acidification on the reproductive output of a solitary zooxanthellate coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae) transplanted along a natural $p\text{CO}_2$ gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Francesca Gizzi, Department of Biological, Geological and Environmental Sciences, University of Bologna
72	2015/2016	Diana Colbucci	Master of Science	Molecular characterization of the heat stress response in Mediterranean shallow-water corals	Silvia Franzellitti, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo and Valentina Airi, Department of Biological, Geological and Environmental Sciences, University of Bologna
73	2016/2017	Michele Trittoni	Bachelor of Science	Assessment of the reliability of data collected by non-professional volunteers (citizen science method)	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Patrizia Neri, Department of Biological, Geological and Environmental Sciences, University of Bologna

74	2016/2017	Martina Monticelli	Bachelor of Science	Reproductive capacity of the scleractinian coral <i>Balanophyllia europaea</i> , after six months of aquarium exposure at different conditions of pH and temperature	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Valentina Airi, Department of Biological, Geological and Environmental Sciences, University of Bologna
75	2016/2017	Nicola Baraldi	Master of Science	Skeletal acclimation of a coral naturally living at CO <sub>2</sub> vents in Papua New Guinea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Paola Fantazzini and Leonardo Brizi, Department of Physics and Astronomy, University of Bologna; Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna
76	2016/2017	Samuele Menicucci	Bachelor of Science	Monitoring of fish fauna through smartphone applications: challenges and potential of citizen science	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Zuffi Gianluca, Hydrosynergy
77	2016/2017	Quinzia Palazzo	Master of Science	Corals as a model of calcifying marine organisms. Molecular and structural characterization of the coral skeleton <i>Balanophyllia europaea</i> (zooxanthellate) and <i>Balanophyllia regia</i> (azooxanthellate)	Francesca Sparla, Department of Pharmacy and Biotechnology, University of Bologna	Stefano Goffredo and Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna; Giuseppe Falini, Department of Chemistry, University of Bologna
78	2017/2018	Daniele Orsini	Bachelor of Science	Monitoring of fisheries resources near the artificial submerged reefs of Cogna Spiaggia (TE)	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna; Carla Giansante, Experimental Zooprophylactic Institute of Abruzzo and Molise "G. Corporal" "G. Caporale"

79	2017/2018	Pietro Drei	Bachelor of Science	The influence of ocean acidification on reproductive output of the colonial non-zooxanthellate coral <i>Astroides calyculus</i> (Scleractinia, Denophyllidae) naturally living at CO <sub>2</sub> vents. A preliminary study.	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli and Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna; Núria Teixidó Ullod and Maria Cristina Gambi, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli
80	2017/2018	Luigi Costagliola	Master of Science	Reproductive efficiency of the azooxanthellate scleractinian coral <i>Leptopsammia pruvoti</i> after six months of exposure to different temperature and p conditions in aquarium	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
81	2017/2018	Maila Lavia	Master of Science	Population dynamics of a temperate coral along a depth gradient in the Dardanelles	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Baris Ozalp, Vocational School of Ocean Engineering, Section of Underwater Technology, Çanakkale Onsekiz Mart University
82	2017/2018	Georgiana Lucaci	Bachelor of Science	Sea Sentinels: a Citizen Science-based environmental monitoring project in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
83	2017/2018	Enrico Nanetti	Bachelor of Science	Citizen Science: analysis of the reliability of data collected by non-professional volunteers	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna

84	2017/2018	Alessandro Cheli	Master of Science	Shell morphology and skeletal properties in the edible clam <i>Chamelea gallina</i> during the Holocene: contrasting the fossil and modern records to forecast biotic responses to global change	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Giuseppe Falini, Department of Chemistry, University of Bologna; Marco Stagioni and Arianna Mancuso, Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna; Daniele Scarponi, Department of Biological, Geological and Environmental Sciences, University of Bologna
85	2017/2018	Mara Tittarelli	Master of Science	Monitoring of marine biodiversity in the Mediterranean Sea through the involvement of divers and snorkelers - Citizen Science Method	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
86	2017/2018	Mariana Machado Toffolo	Master of Science	Tourist awareness towards the environment: the use of citizen science for the conservation of nature	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna; Francesca Prati, Department of Psychology, University of Bologna
87	2017/2018	Federica Scucchia	Master of Science	Transcriptional profiles inferring thermal stress responses of the coral <i>Oculina patagonica</i> from the Eastern Mediterranean Sea	Silvia Franzellitti, Department of Biological, Geological and Environmental Sciences, University of Bologna	Tali Mass, Department of Marine Biology, University of Haifa; Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
88	2017/2018	Alessia Puglisi	Master of Science	The relationship between symbiosis and physiological plasticity in the temperate coral <i>Balanophyllia europaea</i> in a naturally acidified environment	Silvia Franzellitti, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna

89	2018/2019	Thomas Pondrelli	Master of Science	The influence of ocean acidification on reproductive output of the colonial azooxanthellate coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae) transplanted along a natural pCO <sub>2</sub> gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
90	2018/2019	Pietro Fici	Bachelor of Science	Variations in morphology, skeletal characteristics, and growth of a temperate non-zooxanthellate colonial coral naturally living at CO <sub>2</sub> vents	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna; Nuria Teixidó and Maria Cristina Gambi, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Nuria Teixidó and Maria Cristina Gambi, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli
91	2018/2019	Silvia Sangiorgi	Bachelor of Science	Analysis of the effects of an artificial passage for fish on a population of <i>Salmo trutta</i> (Linnaeus, 1758) of the Mella stream	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Andrea Marchi, Hydrosynergy
92	2018/2019	Teresa Sani	Bachelor of Science	Ocean warming and acidification synergistically affect tissue regeneration and mortality of a Mediterranean scleractinian coral transplanted along a natural CO <sub>2</sub> gradient	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna
93	2018/2019	Camilla Volponi	Bachelor of Science	Reproductive capacity of the solitary non-zooxanthellate coral <i>Leptopsammia pruvoti</i> after six months exposure to different experimental aquarium conditions of temperature and pH	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
94	2018/2019	Umberto Valdré	Bachelor of Science	Reproductive capacity of the solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae) sampled in 4 sites along a natural pH gradient at Panarea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna

95	2018/2019	Giulia Ferraretti	Bachelor of Science	Citizen Science as a method for monitoring Mediterranean marine biodiversity: advantages and limitations	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
96	2018/2019	Riccardo Bentivogli	Bachelor of Science	Analysis of the reliability of citizen science-based data	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
97	2018/2019	Martina Pezzimenti	Master of Science	Characterisation of the bacterial microbiome associated to the non-zooxanthellate coral <i>Astroides calycularis</i> living under natural ocean acidification at Ischia CO <sub>2</sub> vents.	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna; Elena Biagi e Monica Barone, Department of Pharmacy and Biotechnology; Nuria Teixidó and Maria Cristina Gambi, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli
98	2018/2019	Giosué Micheletto	Bachelor of Science	Application of the N. I. S. E. C. I. index. Time comparison in monitoring stations of the hydrographic network of Emilia Romagna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Andrea Marchi, Hydrosynergy
99	2018/2019	Nicola Sergio Schintu	Bachelor of Science	Experimental application of the N. I. S. E. C. I. index in the Reno River basin	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Andrea Marchi, Hydrosynergy
100	2018/2019	Martina Trentini	Bachelor of Science	Refinement of the reference fish communities for the application of the N. I. S. E. C. I. index (model-based reference condition) through decision trees	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Giovanni Rossi, Agenzia Regionale per la Prevenzione, l'Ambiente e l'Energia dell'Emilia-Romagna (ARPAE)

101	2018/2019	Chiara Cassarino	Bachelor of Science	Reproduction of the non-zooxanthellate colonial coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae) naturally living at CO <sub>2</sub> vents in Ischia Island. A preliminary study.	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini e Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna; Nuria Teixidó and Maria Cristina Gambi, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli
102	2018/2019	Sara Copelli	Bachelor of Science	Skeletal properties in a Mediterranean non-zooxanthellate coral naturally living at CO <sub>2</sub> vents. A preliminary study.	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Leonardo Brizi, Department of Physics and Astronomy, University of Bologna; Maria Cristina Gambi and Nuria Teixidó, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli
103	2018/2019	Ilaria Zuccaro Destefani	Master of Science	Reproductive output of the solitary zooxanthellate coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae) along a natural pH gradient at Panarea Island	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
104	2018/2019	Letizia Iuffrida	Master of Science	Transcriptional profiles inferring thermal stress responses of scleractinian corals from Mediterranean Sea	Silvia Franzellitti, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
105	2019/2020	Ginevra Allegra Simoncini	Master of Science	A model for informal environmental education in the framework for global sustainable tourism	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna

106	2019/2020	Giacomo Distefano	Bachelor of Science	Reproductive biology and distribution of the squid <i>Illex coindetii</i> (Verany, 1839) in the Adriatic Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Daniela Minelli and Chiara Manfredi, Department of Biological, Geological and Environmental Sciences, University of Bologna
107	2019/2020	Sara Zavagli	Bachelor of Science	Monitoring of Mediterranean marine biodiversity through citizen science	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
108	2019/2020	Enrico Maria Biondo	Bachelor of Science	Use of site-specific reference conditions for the calculation of N. I. S. E. C. I. index in the running waters of Emilia-Romagna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Andrea Marchi, Hydrosynergy
109	2019/2020	Sara Fabbri	Bachelor of Science	Photographic-based morphometric analysis of fish samples, and possible repercussions on the calculation of the N. I. S. E. C. I. index	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Andrea Marchi and Stefano Sacchetti, Hydrosynergy
110	2019/2020	Christian Ghiroldi	Bachelor of Science	Relationship between skeletal parameters and aragonite saturation state in the deep-sea coral <i>Desmophyllum dianthus</i> along a depth gradient in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Giuseppe Falini, Department of Chemistry, University of Bologna; Paolo Montagna, Institute of Polar Sciences, Italian National Research Council; Marco Taviani, Institute of Marine Science, Italian National Research Council; Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna

111	2019/2020	Valentina Fossati	Master of Science	Morphological aspects of gametogenesis of the solitary papillose cup coral <i>Paracyathus pulchellus</i> (Scleractinia, Caryophylliidae) in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini, Department of Biological, Geological and Environmental Sciences, University of Bologna
112	2019/2020	Mirko Monari	Master of Science	Analysis of the intention to participate in excursions in the protected areas of the Bolognese plain: evaluation through interviews with citizens using the theory of planned behavior	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marco Visentin, Department of Management, University of Bologna; Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna; Andrea Morisi, Sustenia
113	2019/2020	Valentina di Fazio	Master of Science	Skeletal properties of the cold-water coral <i>Desmophyllum dianthus</i> are related to the aragonite saturation state along a depth gradient in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Giuseppe Falini, Department of Chemistry, University of Bologna; Paolo Montagna, Institute of Polar Sciences, Italian National Research Council; Marco Taviani, Institute of Marine Science, Italian National Research Council; Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna
114	2019/2020	Maria Vittoria Zanon	Master of Science	Marine biodiversity monitoring in the Mediterranean Sea through the involvement of recreational SCUBA divers and snorkelers – Citizen science method	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
115	2019/2020	Lorenzo Sana	Master of Science	Heterotrophic-autotrophic plasticity of a Mediterranean zooxanthellate coral along a natural pH gradient	Silvia Franzellitti, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna

116	2020/2021	Alissa Adelmi	Bachelor of Science	The citizen science method for monitoring marine biodiversity in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Marta Meschini, Department of Biological, Geological and Environmental Sciences, University of Bologna
117	2020/2021	Francesca De Witt	Bachelor of Science	Demography of the temperate coral <i>Balanophyllia europaea</i> along a depth gradient in the Dardanelles (Turkey)	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna; Baris Özalp, Vocational School of Ocean Engineering, Çanakkale Onsekiz Mart University
118	2020/2021	Giulia Radi	Bachelor of Science	Tissue regeneration and polyp mortality of an endemic Mediterranean coral transplanted at a CO <sub>2</sub> vent	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna
119	2020/2021	Oscar Wallnoefer	Bachelor of Science	Population density of the solitary azooxanthellate coral <i>Caryophyllia inornata</i> along an environmental gradient generated by CO <sub>2</sub> vent	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Arianna Mancuso, Fiorella Prada, and Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna
120	2020/2021	Letizia Ripa	Bachelor of Science	Colony-level biometric analysis of the Mediterranean orange coral <i>Astroides calycularis</i> transplanted at the naturally acidified caves in Ischia Island. A preliminary study	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna;	Nuria Teixidó, Section of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn Napoli; Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
121	2020/2021	Martina Cerpelloni	Bachelor of Science	Biometry and quantitative aspects of gametogenesis of the solitary papillose cup coral <i>Paracyathus pulchellus</i> (Scleractinia, Caryophyllidae) in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Chiara Marchini and Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna

122	2020/2021	Andrea Marchi	Master of Science	Refinement of the NISECI ecological index for freshwater fish communities	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
123	2020/2021	Teresa Sani	Master of Science	Ocean warming and acidification detrimentally affect coral tissue regeneration and mortality at a Mediterranean CO <sub>2</sub> vents	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Fiorella Prada, Department of Biological, Geological and Environmental Sciences, University of Bologna
124	2020/2021	Erica Genoni	Bachelor of Science	Effects of ocean acidification on mollusks community composition at volcanic CO <sub>2</sub> vents of Panarea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Arianna Mancuso, Department of Biological, Geological and Environmental Sciences, University of Bologna
125	2021/2022	Chloe Lee	Master of Science	Eight years of community structure monitoring through recreational citizen science at the “SS Thistlegorm” wreck	Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna
126	2021/2022	Niccolò Pasini	Bachelor of Science	Skeletal properties of the coral <i>Caryophyllia inornata</i> naturally living at CO <sub>2</sub> vents in the Mediterranean Sea	Stefano Goffredo, Department of Biological, Geological and Environmental Sciences, University of Bologna	Arianna Mancuso and Erik Caroselli, Department of Biological, Geological and Environmental Sciences, University of Bologna

### **13. Supervision of Graduates**

Contract period	Name	Project title	Supervisor	Co-supervisor
2014-2015	Arianna Mancuso	Ecosystem approach to the assessment of fishery resources	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Prof. Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)

2015-2018	Loredana Ardito	Clam biology and fishery	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Prof. Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)
2016-2017	Alessandra Anibaldi	Critical analysis of fishery science models	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Prof. Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)
2016-2018	Patrizia Neri	Citizen science-based monitoring program of Mediterranean biodiversity and its responses to climate change and invasive species	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Prof. Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)
2017-2018	Marta Meschini	Sea sentinels: divers united for the environment	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2019-2020	Mariana Machado Toffolo	Citizen Science and education: analysis of data reliability and impact on environmental knowledge and awareness	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2020-2021	Andrea Marchi	Refinement of the parameters for the calculation of the NISECI index and of the sampling procedures for monitoring priority substances in the biota, functional to achieving the quality objectives within the water protection plan, in surface water bodies (lakes and rivers) of the Emilia Romagna Region	Dr Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	

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## 14. Supervision of PhD students

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#	Year of graduation	Name	Thesis title	Supervisor	Co-supervisor
1	2010	Erik Caroselli	Influence of environmental parameters on population dynamics in solitary corals from the Mediterranean Sea	Francesco Zaccanti (Department of Evolutionary and Experimental Biology, University of Bologna)	Stefano Goffredo (Department of Evolutionary and Experimental Biology, University of Bologna)

2	2013	Francesco Pensa	Marine biodiversity survey in the Northern Red Sea: a large-scale monitoring carried out in collaboration with volunteer divers	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
3	2014	Valentina Airi	Reproduction of Mediterranean zooxanthelate and azooxanthellate scleractinian corals along environmental gradients	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
4	2014	Fiorella Prada	Effects of temperature and acidity on Mediterranean benthic calcifiers, in the face of global climate change	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
5	2015	Simone Branchini	Volunteer-based coral reef monitoring: reliability of data, environmental education and implications for conservation	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Jane Delany (Dove Marine Laboratory, Newcastle University)
6	2015	Michela Reggi	Biomineralization in calcifying marine organisms	Giuseppe Falini (Department of Chemistry, University of Bologna)	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
7	2016	Francesca Gizzi	Reproduction, growth and biomineralization of calcifying marine organisms and their relationships with environmental parameters	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Giuseppe Falini (Department of Chemistry, University of Bologna); Christian R. Voolstra (Biological and Environmental Sciences & Engineering Division, King Abdullah University of Science and Technology)
8	2016	Chiara Marchini	Reproduction and population structure in temperate and tropical corals in relation to environmental parameters	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Gretchen Goodbody-Gringley (Bermuda Institute of Ocean Sciences); Valentina Airi (Department of Biological, Geological and Environmental Sciences, University of Bologna)
9	2019	Arianna Mancuso	Growth and shell properties variations in the clam <i>Chamelea gallina</i> along a latitudinal gradient of environmental parameters	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)

10	2022	Quinzia Palazzo	Multiscale comparative analysis of marine biominerals and their ecological implications	Giuseppe Falini (Department of Chemistry, University of Bologna)	Jaap Kaandorp (Section Computational Science, University of Amsterdam); Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna); Fabio Fiorentino (Institute for Biological Resources and Marine Biotechnology, Italian National Research Council); Beatriz Morales Nin (Mediterranean Institute for Advanced Studies of Spain)
11	2022	Marta Meschini	Collective actions for environmental monitoring and conservation: citizen science, informal environmental education, and participatory approach	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Gianna Fabi and Mauro Marini (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council); Leonie Robinson (Department of Earth, Ocean and Ecological Sciences, University of Liverpool).
	2022	Matteo Chiarini	Assessing the state of <i>Nephrops norvegicus</i> and management measures in the Central Adriatic Sea	Alberto Santojanni (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council)	Michela Martinelli (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council); Ian D. Tuck (New Zealand Ministry for Primary Industries); Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
	2022	Giada Bargione	Multidisciplinary approach to manage the striped venus clam ( <i>Chamelea gallina</i> ) fisheries	Alessandro Luchetti (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council)	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
	2022	Federico Di Maio	Spatial based approach to fisheries management. An application to bottom trawling in the Strait of Sicily	Fabio Fiorentino (Institute for Biological Resources and Marine Biotechnology, Italian National Research Council)	Tommaso Russo (Department of Biology, University of Rome "Tor Vergata"); Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
12	2023	Alessandro Cheli	Marine biomineralization and biomaterials: foundations and applications	Jaap Kaandorp (Informatics Institute, University of Amsterdam)	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna); Giuseppe Falini (Department of Chemistry, University of Bologna); Frederic Marin (Department of Environment, Land, Evolution, Climate, University of Burgundy, France)

13	2025	Mariana Machado Toffolo	Climatic variability and fisheries in the Mediterranean Sea	Mauro Marini (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council)	Catia Prandi (Department of Computer Science and Engineering, University of Bologna); Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
14	2026	Teresa Sani	Interannual variability of physical and biogeochemical parameters in relation to the runoff of the main rivers in the Adriatic Sea	Federica Grilli (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council)	Alessandra Campanelli and Mauro Marini (Institute for Biological Resources and Marine Biotechnologies, Italian National Research Council); Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)

## 15. Supervision of post-doctoral researchers

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Contract period	Name	Project title	Supervisor	Co-supervisor
2010-2012	Erik Caroselli	Influence of environmental parameters on population dynamics of Mediterranean and Red Sea scleractinian corals	Francesco Zaccanti (Department of Evolutionary and Experimental Biology, University of Bologna)	Stefano Goffredo (Department of Evolutionary and Experimental Biology, University of Bologna)
2012-2013	Erik Caroselli	Influence of environmental parameters on population dynamics of Mediterranean and Red Sea scleractinian corals	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2013	Erik Caroselli	Effects of ocean warming and acidification on population dynamics of Mediterranean marine organisms	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2013-2018	Erik Caroselli	Photosynthesis as a compensation mechanism of the negative effects of ocean acidification on calcification of model Anthozoa from the Mediterranean Sea	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2014-2017	Valentina Airi	Ocean warming and acidification effects on Mediterranean coral reproduction	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	

2014-2015	Fiorella Prada	Ecology, biology, and morphometry of <i>Astroides calyculus</i>	Fabio Badalamenti (Istituto per l'Ambiente Marino Costiero, Consiglio Nazionale delle Ricerche)	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
2016	Fiorella Prada	Effects of seawater warming and acidification on growth and physiology of Mediterranean corals	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2017-2019	Fiorella Prada	pH upregulation in calcification physiology and skeletal features of temperate and tropical corals living along natural $p\text{CO}_2$ gradients: new insights into the homeostatic capacity of coral calcification in response to ocean acidification stress	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2015-2016	Simone Branchini	Citizen science-based monitoring of Red Sea coral reef biodiversity	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2016	Simone Branchini	Volunteer based programme to monitor Mediterranean Sea environmental health and its response to climate change effects	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)
2015-2016	Michela Reggi	Coral biomimeticization	Giuseppe Falini (Department of Chemistry, University of Bologna)	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)
2016-2018	Chiara Manfredi	Population distribution and demographic structure of demersal species in the Mediterranean Sea	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	Corrado Piccinetti (Laboratory of Fisheries and Marine Biology at Fano, Department of Biological, Geological and Environmental Sciences, University of Bologna)
2018-2019	Erik Caroselli	Calcification physiology and homeostasis of coral growth under ocean acidification	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2018-2022	Chiara Marchini	Effects of climate change on reproduction in Mediterranean corals	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	

2019-2020	Fiorella Prada	Effects of cumulative human impact on Mediterranean corals as bio-indicators of marine ecosystem health	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2019-2020	Giovanni Rossi	Standardization of parameters calculation, testing of protocols and applicative aspects of NISECI (New Ecological Status Index of Fish Communities)	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2021	Fiorella Prada	Analysis of photosynthetic efficiency and autotrophy/heterotrophy ratio of zooxanthellate corals along a natural gradient of acidification	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	
2020-2023	Arianna Mancuso	Anthropogenic impacts on calcification of Mediterranean benthic invertebrates as bioindicators of marine ecosystem health: consequences of ocean acidification	Stefano Goffredo (Department of Biological, Geological and Environmental Sciences, University of Bologna)	

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## **16. Member of examination board**

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<b>Year</b>	<b>Faculty / Department / Institution</b>	<b>Course of degree / examination level / competition</b>	<b>Official class / scientific field / research topics</b>
2010	Department of Evolutionary and Experimental Biology, University of Bologna	Contract position: “Gene expression patterns involved in sex determination and differentiation of anuran amphibians”	Zoology
2012	The Ph.D. Committee of Research Students in Life Science, George S. Wise Faculty of Life Science Graduate School, Tel Aviv University (Israel)	Doctorate Course in Life Science. Evaluation of Doctoral Theses	Zoology
2012	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: “Freshwater ichthyic biodiversity: predictive models”.	Zoology
2013	Department of Biological, Geological and Environmental Sciences, University of Bologna	Contract position: “Investigation on sexual differentiation of anuran amphibians (histological and ultrastructural techniques) and expression of genes involved in sexual determination and differentiation (immunohistochemistry and western blot techniques)”	Zoology

1996-today	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	- Biological Sciences (Bachelor level) - Natural Sciences (Bachelor level) - Marine Biology (Master level) - Biodiversity and Evolution (Master level)	Zoology; Zoology of Vertebrates; Protozoology; Laboratory of Animal Morphology, Underwater Survey Laboratory-Scientific Diving; Techniques of Scientific Diving and Sampling; Evolution and Adaptations of Marine Invertebrates; Dispersion, Connectivity, and Structure of Marine Populations
2009-today	Faculty of Pharmacy, University of Bologna	Applied Pharmaceutical Sciences (Bachelor level)	Animal Biology
2003	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Natural Sciences (Master Degree)	Natural Sciences
2003-2007	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Biological Sciences (Master Degree)	Biological sciences; Bio-ecology
2005-2011	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Biological Sciences (Bachelor Degree)	Biological sciences; ecosystems ; marine ecosystems
2007-2010	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Conservation and Management of Natural Heritage (Master Degree)	Conservation and management of natural resources; marine sciences
2008-2011	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Biodiversity and Evolution (Master Degree)	Biodiversity and evolution
2008-2012	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Natural Sciences (Bachelor Degree)	Natural Sciences
2010-2012	Faculty of Mathematical Physics and Natural Sciences, University of Bologna	Member of the Final Degree Examination Committee in Marine Biology (Master Degree)	Marine biology
2013	School of Sciences, University of Bologna	Member of the Final Degree Examination Committee in Marine Biology (Master Degree)	Laboratory of scientific diving: diving techniques for biological survey
2013	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Assessment of ocean warming and acidification effects on population dynamics of Mediterranean marine organisms".	Autoecology
2013	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Photosynthesis as a compensation mechanism of the negative effects of ocean acidification on calcification of model Anthozoa from the Mediterranean Sea".	Autoecology
2014	Doctoral School, Faculty of Sciences and Technologies, University of Reunion Island (France)	Doctorate Course in Marine Biology. Evaluation of Doctoral Theses	Marine biology

2014	Department of Biological, Geological and Environmental Sciences, University of Bologna	Study prize: "Monitoring of marine biodiversity by means of volunteers' involvement"	Citizen science
2014	Department of Biological, Geological and Environmental Sciences, University of Bologna	Scholarship: "STE: SCUBA Tourism for the environment".	Citizen science
2014	Institute for Coastal Marine Environment, National Research Council	Research assignment: "Ecology, biology and morphometry of <i>Astroides calyculus</i> ".	Autoecology
2014	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Ocean warming and acidification effects on reproductive capacity of Mediterranean corals".	Autoecology
2014	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Ecosystem-based approach to resources assessment"	Fisheries science
2014-2022	University of Bologna	Member of the Final Degree Examination Committee in Natural Sciences (Bachelor Degree)	Natural Sciences; Science and Technology for the Environment and the Nature
2013-2022	University of Bologna	Member of the Final Degree Examination Committee in Biodiversity and Evolution (Master Degree). President: 10/3/2022	Biodiversity and evolution; Animal Biodiversity; Ecology; Biology
2014-2022	University of Bologna	Member of the Final Degree Examination Committee in Sciences and Management of Nature (Master Degree). President 15/3/2019	Natural Sciences
2014	Instituto Superior de Agronomia, Universidade de Lisboa	Member of the Final Degree Examination Committee in Management and Conservation of Natural Resources (Master Degree)	Biology
2013-2021	University of Bologna	Member of the Final Degree Examination Committee in Marine Biology (Master Degree)	Marine biology; Animal adaptations to marine environments; Molecular physiology of marine animals; Scientific diving: diving techniques for biological survey;
2015	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Effects of seawater warming and acidification on growth and physiology of Mediterranean corals".	Ecology
2016	National Interuniversity Consortium For Marine Sciences (CoNISMa)	Coordinated and continuing collaboration: "Dissemination of fishery research results".	Fisheries science
2016	National Interuniversity Consortium For Marine Sciences (CoNISMa)	Postgraduate fellowship: "Assessment of fish resources"	Fisheries science
2015	School of Mathematical, Physical and Natural Sciences, University of Florence	Member of the Final Degree Examination Committee in Natural Sciences (Bachelor Degree)	Natural Sciences
2016	Department of Biological, Geological and Environmental Sciences, University of Bologna	Coordinated and continuing collaboration: "Assessment of Mediterranean fish resources in European Union Countries".	Fisheries science

2016	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Monitoring program on the health status of Mediterranean Sea and its answers to climate change, based on volunteers' collaboration".	Ecology
2013-2022	University of Bologna	Member of the Final Degree Examination Committee in Biological Sciences (Bachelor Degree). President 13/12/2018; 11/07/2019; 11/03/2020; 14/10/2021; 9/12/2021	Biological sciences; Freshwater Ecology; Marine Biology and Ecology
2017	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Calibration of ISECI index (Index of the Ecological Status of Fish Communities – ISECI) to the zoogeographical and ecological context of Basilicata".	Ecology
2017	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "pH upregulation in calcification physiology and skeletal features of temperate and tropical corals living along natural $p\text{CO}_2$ gradients: new insights into the homeostatic capacity of coral calcification in response to ocean acidification stress".	Ecology
2018	School of Pharmacy, Biotechnology and Sport Science; University of Bologna	Member of the Final Degree Examination Committee in Molecular and cellular biology (Master Degree)	Ecology
2019	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Standardization of refinement methods for the calculation of parameters and experimentation of the protocol, and application of NISECI (New Index of the Ecological Status of Fish Communities)"	Ecology
2019	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Effects of cumulative human impact on Mediterranean corals as bio-indicators of marine ecosystem health"	Ecology
2019	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: "Shell morphology and skeletal property in clams during the Holocene: comparing the fossil and modern records to forecast phenotypic responses to climate change"	Paleoecology, ecology
2019	Department of Biological, Geological and Environmental Sciences, University of Bologna	Postgraduate fellowship: "Citizen Science and education: analysis of data reliability and impact on environmental knowledge and awareness"	Citizen Science; Ecology; Environmental education
2018, 2019, 2021	University of Bologna, in collaboration with Italian National Research Council	Member of the Admission Board of the International Ph. D program in Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD)	Biodiversity; biomimicry; bioremediation; citizen science; fisheries economics; fisheries; fishing technologies; food security; genomics; marine ecology; metagenomics; nutrition; population dynamics; sustainable management of natural resources

2020	Department of Biological, Geological and Environmental Sciences, University of Bologna	Collaboration assignment for research activities: “Refinement of N.I.S.E.C.I. index parameters for surface water bodies (lakes and rivers) of Emilia Romagna region, and of sampling protocol procedures for monitoring priority substances in the biota, functional to the achievement of quality objectives within the water protection plan”	Ecology
2021, 2022	Department of Biological, Geological and Environmental Sciences, University of Bologna	Teaching contract “Elements of Chemistry and Ecology – Elements of Ecology”.	Ecology
2022	Department of Biological, Geological and Environmental Sciences, University of Bologna	Teaching contract “Transversal laboratory of natural sciences”.	Ecology
2022	Department of Biological, Geological and Environmental Sciences, University of Bologna	Research assignment: “Biodiversity genomics of Italian ants”	Zoology

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## 17. Academic-scientific seminars

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Date	Institution	Title
March 20, 2001	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology. II. (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	Diving as research activity: “ <i>Balanophyllia</i> operation” and “Mediterranean <i>Hippocampus</i> Mission”, two experiences
December 6, 2001	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology. II. (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	Reproduction and development of the solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia)
March 14, 2002	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology. II. (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	“Mediterranean <i>Hippocampus</i> Mission” and “Mediterranean Underwater Biodiversity Project”: two experiences of Academy/Private Company collaboration for the environmental monitoring
April 22, 23, 24, 2002	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Guidance days on academic courses for high school students	“Mediterranean <i>Hippocampus</i> Mission”: a study on the distribution of seahorses in the Italian seas, in collaboration with recreational divers
May 9, 2002	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology. II. (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	Reproduction and development of the solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia)
November 27, 2002	Alma Mater Studiorum – University of Bologna, Cesenatico center (Italy). Course of Degree in Aquaculture and Ictiopathology.	“Recreational diving as support of the environmental monitoring: final results of the “Mediterranean <i>Hippocampus</i> Mission”
January 22, 2003	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology. II. (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	Recreational diving as support to the environmental monitoring: “Mediterranean <i>Hippocampus</i> Mission” and “Diving for the Environment”, two experiences

January 23, 2006	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). “The Science is Young”: a cycle of department seminars	Sexual reproduction in Mediterranean corals (Scleractinia): a comparison between the hermaphroditic <i>Balanophyllia europaea</i> and the gonochoric <i>Leptopsammia pruvoti</i> system
May 25, 2006	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Laboratory of Ecology (Course of Degree in Natural Sciences, class director: Corrado Piccinetti)	Citizen Science Laboratory
December 5, 2006	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	Citizen Science Laboratory
March 26, 2008	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology, Scientific-Didactic campus of Ravenna (Italy). Official class: Zoology (Course of Degree in Marine Biology; class director: Fausto Tinti).	Sexual reproduction and demography in Mediterranean corals (Scleractinia): a comparison between hermaphroditic and gonochoric systems.
October 22, 2008	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy). Official class: Zoology (Course of Degree in Biological Sciences; class director: Francesco Zaccanti)	Sexual reproduction in Mediterranean corals (Scleractinia): the <i>Balanophyllia europaea</i> “hermaphroditic system” versus the <i>Leptopsammia pruvoti</i> “gonochoric system”
November 6, 2008	Alma Mater Studiorum – University of Bologna, Bachelor Degree and Master Degree in Science for the Environment at Ravenna Campus (Italy). Chairman of the Seminars Organizing Committee: Giuseppe Falini.	Growth, population dynamics and reproductive biology of Mediterranean corals.
March 31, 2010	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy), Ph.D. Program in Biodiversity and Evolution. Chairman of the Seminars Organizing Committee: Barbara Mantovani.	CoralWarm. How?! The idea of a proposal that has won a European Research Council grant.
June 10, 2012	University of Haifa, Department of Marine Biology (Israel). Chairman: Dan Tchernov.	Coral population biology. Growth, dynamics, yield, and connections with ocean warming and acidification.
October 10, 2012	Alma Mater Studiorum – University of Bologna, Department of Evolutionary and Experimental Biology (Italy), Ph.D. Program in Biodiversity and Evolution. Chairman of the Seminars Organizing Committee: Barbara Mantovani.	Coral population biology. Growth, dynamics, yield, and connections with ocean warming and acidification. An age-based demographic model: 2 examples of application on temperate and tropical corals & 1 workshop exercise on fish growth and population dynamics model
June 11, 2013	Alma Mater Studiorum – University of Bologna, Department of Biological, Geological and Environmental Sciences (Italy), Ph.D. Program in Biodiversity and Evolution. Chairman of the Seminars Organizing Committee: Barbara Mantovani.	Coral population biology. Growth, dynamics, yield, and connections with ocean warming and acidification. An age-based demographic model: 2 examples of application on temperate and tropical corals & 1 workshop exercise on fish growth and population dynamics model
September 24, 2013	Tokyo University of Technology (Japan)	Global climate change effects on coral reefs. Authors: Zvy Dubinsky, Oren Levy, David Iluz, Stefano Goffredo, Giuseppe Falini. Speaker: Zvy Dubinsky
November 15, 2013	Alma Mater Studiorum – University of Bologna, Department of Biological, Geological and Environmental Sciences. Convention “Let’s speak about Sea”, organized by the Unione Bolognese Naturalisti. Chairman of the convention: Laurita Boni.	Ocean acidification and Mediterranean corals: the Panarea underwater crater , a natural laboratory for the study of climate change effects

November 25, 2013	Alma Mater Studiorum – University of Bologna, School of Pharmacy, Biotechnology and Motor Sciences. Official class: Biodiversity and Evolution (Course of Bachelor Degree in Biotechnology; class director: Rosanna Falcori)	Ocean acidification and Mediterranean corals: the Panarea underwater crater , a natural laboratory for the study of climate change effects
November 11, 2015	University of Bologna, School of Psychology and Sciences of Education. Official class: Elements of General Biology (Master Degree in Sciences of Primary Education; class director: Barbara Mantovani)	Climate change and public engagement: make and communicate research on the effects of climate change on marine biodiversity
June 1, 2016	University of Bologna, Department of Biological, Geological and Environmental Sciences (Italy), Ph.D. Program in Earth, Life and Environmental Sciences. Chairman of the Seminars Organizing Committee: Barbara Mantovani.	Growth and population dynamics models
July 11, 2016	University of Bologna, Department of Civil, Chemical, Environmental, and Materials Engineering. Seminar on European Research Council funding schemes. Chairman of the seminar: Alberto Montanari.	The characteristics of a successful project: an Advanced Grant funded idea. How to conceive the idea, and how to write the proposal
May 18, 2017	University of Bologna, Department of Biological, Geological and Environmental Sciences. Declinations of Geochemistry: Vulcanology, Hydrology and Environment. Study Day in Memory of the Prof. Bruno Capaccioni. Chairmans: Dinelli Enrico, Garofalo Paolo, Lucchi Federico, Tranne Claudio Antonio	The Panarea underwater crater: a laboratory for the study of ocean acidification and warming effects
June 12, 2018	University of Bologna, Department of Biological, Geological and Environmental Sciences (Italy), Ph.D. Program in Earth, Life and Environmental Sciences. Chairman of the Seminars Organizing Committee: Giulio Viola	Growth and population dynamics models
March 4, 2019	University of Bologna, Department of Biological, Geological and Environmental Sciences, Laboratory of Marine Biology and Fisheries – Fano (Italy), Ph.D. Program in Innovative Technologies and Sustainable Use of Mediterranean Sea Fishery and Biological Resources (FishMed-PhD). Chairman of the Seminars Organizing Committee: Stefano Goffredo	Growth and population dynamics models

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## 18. Active participation in scientific meetings

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### Chair

Year	Meeting	Session	Chairs
2013	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December, 2013	Coelenterates of the Mediterranean	Giovanni Santangelo, Zvy Dubinsky, <b>Stefano Goffredo</b>
2015	Aquatic Sciences Meeting. Aquatic Sciences: Global and Regional Perspectives – North Meets South, Granada (Spain), 22-27 February, 2015	Global Climate Change: Ocean Acidification Experiments at CO <sub>2</sub> vents	<b>Stefano Goffredo</b> , Zvy Dubinsky, Katharina Fabricius, Jason Hall Spencer, Hajime Kayanne

2016	Thirteenth International Coral Reef Symposium. Bridging Science to Policy, Honolulu (USA), 19-24 June, 2016	Ocean acidification: measuring and scaling impacts across multiple scales	Ian Enochs, Emily Shaw, <b>Stefano Goffredo</b> , Katharina Fabricius, Steeve Comeau, Giuseppe Falini, Derek Manzello, Christopher Cornwall, Zvy Dubinsky, Nichole Price, Sarah Hamylton
2019	Thirteenth International Symposium on Fossil Cnidaria and Porifera. Modena (Italy), 3-6 September, 2019	Coral skeletons as tracers of biomineralization and palaeoenvironments	<b>Stefano Goffredo</b> , Paolo Montagna
2021	Fourteenth International Coral Reef Symposium. Online, 18-23 July, 2021	What' is the different impact of climate change in temperate reefs relative to tropical regions?	Erik Caroselli, Nuria Teixido, Jaap Kaandorp, Zvy Dubinsky, <b>Stefano Goffredo</b>
2021	Fourteenth International Coral Reef Symposium. Online, 18-23 July, 2021	How can innovative techniques to investigate calcification shed light into the past, present, future of coral reef organisms? / How do new insights into biomineralization help us understand reef calcification response to global climate change?	Alexander Venn, Sylvie Tambutté, Anton Eisenhauer, Virginie Chamard, Ed Hathorne, Fiorella Prada, <b>Stefano Goffredo</b> , Tali Mass, Jeana Drake
2022	Fifteenth International Coral Reef Symposium. Bremen (Germany), 3-8 July, 2022	What is the different impact of climate change in temperate reefs relative to tropical regions?	Erik Caroselli, Nuria Teixido, Jaap Kaandorp, Zvy Dubinsky, <b>Stefano Goffredo</b>
2022	Fifteenth International Coral Reef Symposium. Bremen (Germany), 3-8 July, 2022	How can innovative techniques to investigate calcification shed light into the past, present, future of coral reef organisms? / How do new insights into biomineralization help us understand reef calcification response to global climate change?	Alexander Venn, Sylvie Tambutté, Anton Eisenhauer, Virginie Chamard, Ed Hathorne, Fiorella Prada, <b>Stefano Goffredo</b> , Tali Mass, Jeana Drake

## Member of the International Scientific Committee

Year	Meeting
2013	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December
2019	13th International Symposium on Fossil Cnidaria and Porifera, Modena (Italy), 3-6 September

## Invited presentations

Authors	Year	Abstract title	Meeting
Airi V., Neri P., <b>Goffredo S.</b>	2017	Recreational citizen science: unite research with what citizens do for fun. Divers in marine biodiversity monitoring	First Italian Citizen Science Conference, Rome (Italy), 23-25 November 2017
<b>Goffredo S.</b>	2018	Recreational Citizen Science: unite research with what citizens do for fun. Divers in marine biodiversity monitoring	Society for Experimental Biology's Annual Meeting, Florence (Italy), 3-6 July 2018

## Abstracts

Authors	Year	Abstract title	Meeting
<b>Goffredo S.</b> , Telò T.	1998	Oro-aboral gamete distribution and reproductive cycle of the hermaphroditic coral <i>Balanophyllia europaea</i> in the upper Tyrrhenian sea	International Society for Reef Studies European Meeting, Perpignan (France), 1-4 September 1998
<b>Goffredo S.</b> , Chadwick-Furman N. E.	1998	Growth model and population dynamics of a solitary mushroom coral	International Society for Reef Studies European Meeting, Perpignan (France), 1-4 September 1998
<b>Goffredo S.</b> , Chadwick-Furman N. E.	2000	Population structure of mushroom corals (Fungiidae) in the northern Red Sea	Ninth International Coral Reef Symposium, Bali (Indonesia), 23-27 October 2000
<b>Goffredo S.</b> , Zaccanti F.	2001	Reproduction and development of the solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia)	47° Symposium of Italian Embryologist Group (Fano, Italy), 7-9 June 2001
<b>Goffredo S.</b> , Zaccanti F.	2002	Larvae and Metamorphosis of the Mediterranean Solitary Coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae)	48° Symposium of Italian Embryologist Group, Grottammare (Ascoli Piceno, Italy), 4-7 June 2002
<b>Goffredo S.</b> , Mattioli G., Zaccanti F.	2002	Population dynamics in the Mediterranean solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae)	International Society for Reef Studies European Meeting, Cambridge (UK), 4-7 September 2002
Mezzomonaco L., <b>Goffredo S.</b> , Zaccanti F.	2002	Genetic evidence of an unusual breeding system in the Mediterranean solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae)	International Society for Reef Studies European Meeting, Cambridge (UK), 4-7 September 2002
Radetić J., <b>Goffredo S.</b> , Zaccanti F.	2002	Sexual reproduction in solitary corals of the genus <i>Balanophyllia</i> (Scleractinia, Dendrophylliidae): is there a correlation between sexual condition and mode of environmental colonization?	International Society for Reef Studies European Meeting, Cambridge (UK), 4-7 September 2002
Gektidis M., Chadwick-Furman N. E., <b>Goffredo S.</b> , Dubinsky Z.	2002	Global distribution of microbioeroders and their northernmost tropical reef community at 30° N – Eilat, Israel.	International Society for Reef Studies European Meeting, Cambridge (UK), 4-7 September 2002
<b>Goffredo S.</b> , Piccinetti C., Zaccanti F.	2002	Recreational diving as a support to the environmental monitoring: “Mediterranean <i>Hippocampus</i> Mission” and “Divers for the Environment”, two experiences	I° Cilento Blu Symposium, Palinuro (Salerno, Italy), 18-20 October 2002
<b>Goffredo S.</b> , Piccinetti C., Zaccanti F.	2004	Mediterranean <i>Hippocampus</i> Mission: a study on the geographical and ecological distribution of seahorses carried out in collaboration with recreational scuba divers	Tenth International Coral Reef Symposium, Okinawa (Japan), 28 June - 2 July 2004
<b>Goffredo S.</b> , Radetic' J.; Airi V., Zaccanti F.	2004	Sexual reproduction of the solitary coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) in the Mediterranean.	Tenth International Coral Reef Symposium, Okinawa (Japan), 28 June - 2 July 2004

<b>Goffredo S.</b> , Orlandi A., Neri P., Scola Gagliardi M., Velardi A., Kasfiki E. S., Piccinetti C., Zaccanti F.	2004	Diving for the Environment. 2002-2005: Mediterranean Underwater Biodiversity Project.	Tenth International Coral Reef Symposium, Okinawa (Japan), 28 June - 2 July 2004
<b>Goffredo S.</b> , Zarafa M.	2005	Divers for the environment: the underwater tourism and the scientific research	International Workshop: The Diving Activities in the Marine Protected Areas and Their Impact on the Environment: Comparing Mediterranean Experiences, Roma (Italy), 17-18 February 2005
<b>Goffredo S.</b> , Orlandi A., Neri P., Scola Gagliardi M., Velardi A., Piccinetti C., Zaccanti F.	2005	Diving for the Environment. 2002-2005: Mediterranean Underwater Biodiversity Project.	International Workshop: The Diving Activities in the Marine Protected Areas and Their Impact on the Environment: Comparing Mediterranean Experiences, Roma (Italy), 17-18 February 2005
<b>Goffredo S.</b> , Lasker H. R.	2006	Modular growth of a gorgonian coral generates predictable patterns of colony and population growth	Annual Meeting of the Society for Integrative and Comparative Biology, Orlando (Florida, USA), 4-8 January 2006
<b>Goffredo S.</b> , Marconi G., Gasparini G., Zaccanti F.	2006	Sexual reproduction of the orange dendrophylliid coral <i>Astroides calycularis</i> in the Mediterranean Sea	International Society for Reef Studies European Meeting, Bremen (Germany), 19-22 September 2006
<b>Goffredo S.</b> , Neri P., Orlandi A., Scola Gagliardi M., Velardi A., Pensa F., Piccinetti C., Zaccanti F.	2006	2002-2005 Diving for the environment: Mediterranean underwater biodiversity project. Environmental monitoring in collaboration with the industry of underwater tourism	International Society for Reef Studies European Meeting, Bremen (Germany), 19-22 September 2006
<b>Goffredo S.</b> , Caroselli E., Pignotti E., Mattioli G., Zaccanti F.	2006	Environmental control on biometry and demography of solitary corals in the Mediterranean Sea	International Society for Reef Studies European Meeting, Bremen (Germany), 19-22 September 2006
<b>Goffredo S.</b> , Caroselli E., Zaccanti F., Falini G.	2008	Skeletal calcium carbonate phase polymorphism in two temperate scleractinians	Eleventh International Coral Reef Symposium, Fort Lauderdale (Florida, USA), 7-11 July 2008
<b>Goffredo S.</b> , Marconi G., Gasparini G., Putignano M. T., Zaccanti F.	2008	Sexual Reproduction of the Orange Colonial Coral <i>Astroides calycularis</i> (Scleractinia: Dendrophylliidae) in the Mediterranean Sea	Eleventh International Coral Reef Symposium, Fort Lauderdale (Florida, USA), 7-11 July 2008
<b>Goffredo S.</b> , Neri P., Orlandi A., Pensa F., Scola Gagliardi M., Velardi A., Piccinetti C., Zaccanti F.	2008	Divers for the Environment: Volunteers and Scientists in Marine Biodiversity Monitoring	Eleventh International Coral Reef Symposium, Fort Lauderdale (Florida, USA), 7-11 July 2008
<b>Goffredo S.</b> , Caroselli E., Mattioli G., Pignotti E., Zaccanti F.	2008	Growth and Population Dynamics Model of the Solitary Sunset Cup Coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) in the Mediterranean Sea	Eleventh International Coral Reef Symposium, Fort Lauderdale (Florida, USA), 7-11 July 2008
Lasker H., Bilewitz J., <b>Goffredo S.</b>	2008	Connectivity in a Caribbean octocoral: a tale of three datasets	Eleventh International Coral Reef Symposium, Fort Lauderdale (Florida, USA), 7-11 July 2008
Mansfield J., <b>Goffredo S.</b> , Coffroth M. A.	2008	Population Structure of the Mediterranean Solitary Coral <i>Balanophyllia europaea</i>	Eleventh International Coral Reef Symposium, Fort Lauderdale (Florida, USA), 7-11 July 2008

Caroselli E., <b>Goffredo S.</b> , Zaccanti F.	2008	Environmental influence on growth and Calcification in a Mediterranean Scleractinian and implications related to global warming.	EUR-OCEANS Network of Excellence: "Global Change and Marine Ecosystems Conference", Rome (Italy), 25-27 November 2008
Falini G., <b>Goffredo S.</b> , Vergni P., Caroselli E., Reggi M.	2009	The role of organic matrix from Mediterranean corals in $\text{CaCO}_3$ precipitation	International School on Biological Crystallization, Granada (Spain), 18-22 May 2009
Tomas M. S., Vergni P., Caroselli E., <b>Goffredo S.</b> , Falini G., Garcia Ruiz J. M.	2009	Coral biomineralization: unpuzzling biopolymeric function	International School on Biological Crystallization, Granada (Spain), 18-22 May 2009
<b>Goffredo S.</b> , Caroselli E., Prada F., Pasquini L., Nonnis Marzano F., Zaccanti F.	2010	Identification of tolerant/sensitive Mediterranean coral species in face of global change	International Society for Reef Studies European Meeting, Wageningen (Netherlands), 13-17 December 2010
<b>Goffredo S.</b> , Marchini C., Rocchi M., Zaccanti F.	2010	Sexual condition and reproductive mode of a Mediterranean caryophylliid solitary coral showing an unusual pattern of embryo production	International Society for Reef Studies European Meeting, Wageningen (Netherlands), 13-17 December 2010
Vergni P., Reggi M., Caroselli E., Sparla ., Levy O., Dubinsky Z., <b>Goffredo S.</b> , Falini G.	2010	The organic matrix influences precipitation patterns of skeletal calcium carbonate in the Mediterranean coral <i>Balanophyllia europaea</i>	International Society for Reef Studies European Meeting, Wageningen (Netherlands), 13-17 December 2010
Caroselli E., Levy O., Zaccanti F., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2010	Growth and demography of the temperate/subtropical scleractinian <i>Leptopsammia pruvoti</i> are unrelated to seawater temperature in the Mediterranean Sea	International Society for Reef Studies European Meeting, Wageningen (Netherlands), 13-17 December 2010
<b>Goffredo S.</b> , Pensa F., Branchini S., Piccinetti C., Zaccanti F.	2010	A study of the distribution of shallow-water populations of <i>Corallium rubrum</i> carried out in collaboration with recreational scuba divers	International Society for Reef Studies European Meeting, Wageningen (Netherlands), 13-17 December 2010
<b>Goffredo S.</b> , Pensa F., Branchini S., Collavo A., Mattielli L., Beccari A., Piccinetti C., Zaccanti F.	2010	Scuba Tourism for the Environment: coral reefs biodiversity monitoring in the northern Red Sea	International Society for Reef Studies European Meeting, Wageningen (Netherlands), 13-17 December 2010
Falini G., Goffredo S., Vergni P., Reggi M., <b>Caroselli E.</b> , Sparla F., Levy O., Dubinsky Z.	2011	Biological and environmental influence on Mediterranean corals calcium carbonate precipitation	XXII Congress and General Assembly of the International Union of Crystallography, Madrid (Spain), 22-30 August 2011
<b>Goffredo S.</b> , Marchini C., Rocchi M., Airi V., Caroselli E., Falini G., Levy O., Dubinsky Z., Zaccanti F.	2011	Reproduction of the solitary coral <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae) in the Mediterranean Sea.	72 <sup>th</sup> National Congress of Italian Zoological Union, Bologna (Italy), 5-8 September 2011
<b>Goffredo S.</b> , Prada F., Caroselli E., Levy O., Falini G., Dubinsky Z.	2011	Effects of Ocean Acidification on Mediterranean corals at a volcanic site with undersea $\text{CO}_2$ vents	72 <sup>th</sup> National Congress of Italian Zoological Union, Bologna (Italy), 5-8 September 2011

Caroselli E., Levy O., Zaccanti F., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2011	Growth and demography of the temperate-subtropical scleractinian coral <i>Leptopsammia pruvoti</i> are not related to sea surface temperature in the Mediterranean Sea.	72 <sup>th</sup> National Congress of Italian Zoological Union, Bologna (Italy), 5-8 September 2011
<b>Goffredo S.</b> , Prada F., Caroselli E., Capaccioni B., Falini G., Levy O., Dubinsky Z., Zaccanti F.	2012	Different sensitivity among scleractinian corals to enhanced ocean acidification.	Twelfth International Coral Reefs Symposium, Cairns (Queensland, Australia), 9-13 July 2012
Landi V., Reggi M., Sparla F., <b>Goffredo S.</b> , Falini G.	2012	Biomineralization in Mediterranean scleractinian corals.	XLI National Congress of the Italian Crystallographic Association, Verona (Italy), 11-14 September 2012
Reggi M., Sparla F., <b>Goffredo S.</b> , Dauphin Y., Falini G.	2012	Biomineralization in scleractinian corals.	XLI National Congress of the Italian Crystallographic Association, Verona (Italy), 11-14 September 2012
Sabbioni L., Reggi M., <b>Goffredo S.</b> , Falini G.	2012	Effects of environmental parameters on the tube shell mineralogy of marine organisms.	XLI National Congress of the Italian Crystallographic Association, Verona (Italy), 11-14 September 2012
Prada F., Caroselli E., Capaccioni B., Falini G., Levy O., Zaccanti F., Dubinsky Z., <b>Goffredo S.</b>	2013	Ocean acidification effects on benthic Mediterranean organisms along a natural CO <sub>2</sub> gradient	10 <sup>th</sup> Annual Conference of the Israeli Association for Aquatic Sciences, Mikhmoret (Israel), 13-14 March 2013
Reggi M., Landi V., Gizzi F., Fermani S., Sparla F., <b>Goffredo S.</b> , Levy O., Dubinsky Z., Dauphin Y., Cuif J.-P., Falini G.	2013	Biomineralization in Mediterranean scleractinian corals	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
<b>Goffredo S.</b> , Prada F., Caroselli E., Capaccioni B., Reggi M., Fermani S., Fantazzini P., Pasquini L., Levy O., Dubinsky Z., Falini G.	2013	Biomineralization and population density of benthic marine calcifiers along a natural carbon dioxide gradient	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
Branchini S., Pensa F., Neri P., Tonucci B. M., Garuti A., Serafini V., Siroli M., Meschini M., Mattielli L., Collavo A., Sillingardi M. E., Piccinetti C., Zaccanti F., <b>Goffredo S.</b>	2013	Using a citizen science program to monitor coral reef biodiversity through space and time	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
Prada F., Caroselli E., Capaccioni B., Falini G., Levy O., Dubinsky Z., Zaccanti F., <b>Goffredo S.</b>	2013	Different sensitivity among Mediterranean scleractinian corals to enhanced ocean acidification	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
Airi V., Gizzi F., Calegari M., Falini G., Levy O., Dubinsky Z., <b>Goffredo S.</b>	2013	Reproductive output in zooxanthellate and azooxanthellate scleractinian corals along a temperature latitudinal gradient	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
Gizzi F., Airi V., Polimeni G., Levy O., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2013	Effects of ocean acidification on the reproductive output of three Mediterranean corals along natural CO <sub>2</sub> emissions	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013

Nanni V., Caroselli E., Levy O., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2013	Latitudinal variations in biometry and abundance of a Mediterranean solitary coral suggest higher tolerance to seawater warming for non-zooxanthellate species	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
Marchini C., Airi V., Falini G., Levy O., Dubinsky Z., <b>Goffredo S.</b>	2013	Annual reproductive cycle in a Mediterranean solitary coral <i>Caryophyllia inornata</i> driven by an unusual pattern of embryogenesis	ICCB8, The International Conference on Coelenterate Biology, Eilat (Israel), 1-5 December 2013
Brizi L., Brown R.J.S., Dubinsky Z., Falini G., Fantazzini P., <b>Goffredo S.</b> , Mariani M., Mengoli S., Pasquini L.	2014	NMR relaxometry of scleractinian coral skeletons and environmental changes	12 <sup>th</sup> International Bologna Conference on Magnetic Resonance in Porous Media, Wellington (New Zealand), 9-13 February 2014
Branchini S., Pensa F., Neri P., Tonucci B. M., Mattielli L., Collavo A., Sillingardi M. E., Garuti A., Piccinetti C., Zaccanti F., <b>Goffredo S.</b>	2014	Engaging people in marine biodiversity monitoring programs.	6 <sup>th</sup> Living Knowledge Conference - An Innovative Civil Society: Impact Through Co-creation and Participation, Copenhagen (Denmark), 9-11 April 2014
Reggi M., Landi V., Fermani S., Sparla F., Caroselli E., Gizzi F., Dubinsky Z., Levy O., Cuif J.-P., Dauphin Y., <b>Goffredo S.</b> , Falini G.	2014	Biomineralization in Mediterranean corals	Second joint conference of the Italian Crystallographic Association (AIC) and of the Italian Synchrotron Radiation Society (SILS), Florence (Italy), 15-18 September 2014
Prada F., Caroselli E., Capaccioni B., Levy O., Fabricius K.E., Weaver J.C., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2014	Different sensitivity of Mediterranean scleractinian corals to seasonal changes in temperature along a natural CO <sub>2</sub> gradient.	American Academy of Underwater Sciences 33rd Scientific Symposium: Diving for Science, Sitka (USA), 9-13 September 2014
Branchini S., Meschini M., Covi C., Piccinetti C., Zaccanti F., <b>Goffredo S.</b>	2015	Recreational marine citizen science: implications for conservation management and environmental education.	2015 ASLO Aquatic Sciences Meeting. Aquatic Sciences: Global and Regional Perspectives – North Meets South, Granada (Spain), 22-27 February 2015
Gizzi F., de Mas L., Marisaldi L., Lazzari V., Airi V., Caroselli E., Prada F., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2015	Effects of ocean acidification on the reproductive output of three Mediterranean corals transplanted at an underwater crater characterized by CO <sub>2</sub> emissions	2015 ASLO Aquatic Sciences Meeting. Aquatic Sciences: Global and Regional Perspectives – North Meets South, Granada (Spain), 22-27 February 2015
Caroselli E., Prada F., Capaccioni B., Levy O., Falini G., Dubinsky Z., Kaandorp J., <b>Goffredo S.</b>	2015	Growth and population dynamics of the Mediterranean endemic solitary coral <i>Balanophyllia europaea</i> living along a natural pCO <sub>2</sub> gradient	2015 ASLO Aquatic Sciences Meeting. Aquatic Sciences: Global and Regional Perspectives – North Meets South, Granada (Spain), 22-27 February 2015
Prada F., Caroselli E., Capaccioni B., Levy O., Fabricius K. E., Weaver J. C., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2015	Different sensitivity of Mediterranean scleractinian corals to seasonal changes in temperature along a natural CO <sub>2</sub> gradient	2015 ASLO Aquatic Sciences Meeting. Aquatic Sciences: Global and Regional Perspectives – North Meets South, Granada (Spain), 22-27 February 2015
Prada F., Caroselli E., Capaccioni B., Mengoli S., Fantazzini P., Pasquini L., Levy O., Weaver J. C., Fabricius K. E., Dubinsky Z., Falini G., <b>Goffredo S.</b>	2015	Differential synergistic adverse effect of increased sea temperature and acidity on corals	Our Common Future Under Climate Change. International Scientific Conference, Paris (France), 7-10 July 2015
Goodbody-Gringley G., Marchini C., Chequer A. D., <b>Goffredo S.</b>	2016	Population structure of <i>Montastrea cavernosa</i> on shallow versus mesophotic reefs in Bermuda	Thirteenth International Coral Reefs Symposium, Honolulu (Hawai'i, USA), 19-24 June 2016

Gizzi F., de Mas L., Airi V., Caroselli E., Prada F., Capaccioni B., Levy O., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2016	Short-therm exposure at CO <sub>2</sub> vents affect spermatogenesis in a temperate non-zooxanthelate coral	Thirteenth International Coral Reefs Symposium, Honolulu (Hawai'i, USA), 19-24 June 2016
Prada F., Caroselli E., Mengoli S., Fantazzini P., Capaccioni B., Pasquini L., Levy O., Weaver J. C., Fabricius K. E., Dubinsky Z., Falini G., <b>Goffredo S.</b>	2016	Ocean warming and acidification synergistically increase coral mortality	Thirteenth International Coral Reefs Symposium, Honolulu (Hawai'i, USA), 19-24 June 2016
Caroselli E., Prada F., Capaccioni B., Levy O., Falini G., Dubinsky Z., Kaandorp J., <b>Goffredo S.</b>	2016	Growth and demography of the Mediterranean endemic solitary coral <i>Balanophyllia europaea</i> living along a natural pCO <sub>2</sub> gradient	Thirteenth International Coral Reefs Symposium, Honolulu (Hawai'i, USA), 19-24 June 2016
Teixidó N., Ceccarelli C., Caroselli E., Gambi M. C., <b>Goffredo S.</b>	2016	Effects of ocean acidification on skeletal characteristics of a temperate coral at a CO <sub>2</sub> vent system	Eleventh International Temperate Reefs Symposium, Pisa (Italy), 26-30 June, 2016
Mancuso A., Gizzi F., Caccia M. G., Simoncini G., Reggi M., Brizi L., Fantazzini P., Falini G., <b>Goffredo S.</b>	2016	Shell morphology and skeletal property variations in the clam <i>Chamelea gallina</i> along a latitudinal gradient in the Adriatic Sea	First Joint National Congress SITE (Italian Society of Ecology) - UZI (Italian Zoological Union) - SIB (Italian Society of Biogeography), Milano (Italy), 30 August - 2 September, 2016
Falini G., Fermani S., Caroselli E., Prada F., Airi V., <b>Goffredo S.</b>	2017	Coralli: processo di calcificazione e risposta all'acidificazione dei mari	BiGeA Racconta – Cambiamenti climatici e Mare: Rischi e Implicazioni, Ravenna (Italy), 21 December 2017
Franzellitti S., Airi V., Poli D., Calbucci D., Caroselli E., Prada F., Voolstra C.R., Mass T., Falini G., Fabbri E., <b>Goffredo S.</b>	2018	Transcriptional responses of the heat shock gene hsp70 to thermal stress in shallow-water corals: the influence of physiological plasticity and life history traits	31st Congress of the New European Society for Comparative Physiology and Biochemistry, Porto (Portugal), 9-12 September 2018
Scarpioni D., Cheli A., Nawrot R., Mancuso A., Kowalewski M., Falini G., Dexter T., Cremonini S., Mucci M., <b>Goffredo S.</b> , Stagioni M.	2019	Shell morphology and skeletal properties in edible clam <i>Chamelea gallina</i> during the Holocene: contrasting the fossil and modern records to forecast biotic responses to global change	EGU (European Geosciences Union) General Assembly, Vienna (Austria), 7–12 April 2019
Scarpioni D., Cheli A., Mancuso A., Falini G., <b>Goffredo S.</b> , Nawrot R., Kowalewski M.	2019	Using regional stratigraphic context of the Po-Adriatic system (Italy) to infer biotic response of <i>Chamelea gallina</i> to Holocene environmental change	11 <sup>th</sup> North American Paleontological Convention, Riverside (USA), 23-27 June 2019
Caroselli E., Fici P., Ceccarelli C., Gambi M. C., Teixido N., <b>Goffredo S.</b>	2019	Variations in growth and skeletal characteristics of a temperate non-zooxanthellate colonial coral naturally living at CO <sub>2</sub> vents	13 <sup>th</sup> International Symposium on Fossil Cnidaria and Porifera, Modena (Italy), 3-6 September, 2019
Prada F., Wall M., Fietzke J., Caroselli E., Dubinsky Z., Brizi L., Fantazzini P., Franzellitti S., Mass T., Montagna P., Falini G., <b>Goffredo S.</b>	2019	Unpuzzling pH up-regulation and calcification in corals growing at CO <sub>2</sub> Mediterranean vents	13 <sup>th</sup> International Symposium on Fossil Cnidaria and Porifera, Modena (Italy), 3-6 September, 2019
Wall M., Prada F., Fietzke J., Caroselli E., Dubinsky Z., Brizi L., Fantazzini P., Franzellitti S., Mass T., Montagna P., Falini G., <b>Goffredo S.</b>	2020	Linking internal carbonate chemistry regulation and calcification in corals growing at a Mediterranean CO <sub>2</sub> vent	Conservation Paleobiology Symposium, Bologna (Italy), 3-4 February 2020

Cheli A., Mancuso A., Stagioni M., Falini G., <b>Goffredo S.</b> , Scarponi D.	2020	<i>Chamelea gallina</i> response to anthropogenic and climate-driven environmental change: the case study of the Holocene fossil records from Po-Adriatic system (Italy)	Conservation Paleobiology Symposium, Bologna (Italy), 3-4 February 2020
Meschini M., Machado Toffolo M., Marchini C., Caroselli E., Prada F., Franzellitti S., Locci L., Davoli M., Trittoni M., Nanetti E., Tittarelli M., Bentivogli R., Branchini S., Neri P., <b>Goffredo S.</b>	2020	Reliability of data collected by volunteers, a nine-year citizen science study in three Red Sea touristic facilities	5 <sup>th</sup> Annual International Conference on participatory research, citizen science, crowd-innovation and fab labs for peace and development, United Nations Organization, Geneva (Switzerland), 8-10 December, 2020
Cheli A., Mancuso A., Prada F., Baseotto A., Falini G., <b>Goffredo S.</b> , Scarponi, D.	2021	Climate change influence on calcification of the bivalve <i>Chamelea gallina</i> in the Adriatic Sea: exploring a temporal gradient from the Holocene to modern days	EGU (European Geosciences Union) General Assembly, online, 19–30 April 2021
Copelli S., Brizi L., Caroselli E., Mirasole A., Teixido N., Fantazzini P., Gambi M. C., <b>Goffredo S.</b>	2021	A time-domain NMR and nanoindentation analysis of skeletal properties in a Mediterranean non-zooxanthellate coral naturally living at CO <sub>2</sub> vents	14 <sup>th</sup> International Coral Reef Symposium, online, 18-23 July 2021
Teixido N., Caroselli E., Alliouane S., Comeau S., Gattuso J.-P., Fici P., Micheli F., Mirasole A., Monismith S., Munari M., Palumbi S., Sheets E., Urbini L., de Vittor C., Goffredo S., Gambi M. C.	2021	Newly discovered CO <sub>2</sub> vent supports a coral population persisting under high pCO <sub>2</sub> environments	14 <sup>th</sup> International Coral Reef Symposium, online, 18-23 July 2021
Palazzo Q., Prada F., Steffens T., Fermani S., Samorì C., Bernardi G., Alexis Terrón-Sigler A., Sparla F., Falini G., <b>Goffredo S.</b>	2021	The skeleton of <i>Balanophyllia</i> coral species suggests adaptive traits linked to the onset of mixotrophy	14 <sup>th</sup> International Coral Reef Symposium, online, 18-23 July 2021
Palazzo Q., Stagioni M., Raaijmakers S., Bellemann R.G., Prada F., Hammel J.U., Kaandorp J., <b>Goffredo S.</b> , Falini G.	2021	Multi-scale analysis of fish otolith ontogenesis reveals sexual dimorphism	BioMet 2021 - XX Workshop on Pharmacobiometallics, online, 15–16 April 2021
Cheli A., Mancuso A., Prada F., Pasquini L., Falini G., <b>Goffredo S.</b> , Scarponi D.	2021	Exploring shell variations dynamics of the bivalve <i>Chamelea gallina</i> on a millennial temporal scale: from the Holocene sub-fossil record to modern thanatocoenoses of the Northern Adriatic Sea	XXI Conference of the Italian Paleontological Society, online, 15-17 June 2021
Palazzo Q., Stagioni M., Raaijmakers S., Bellemann R.G., Prada F., Fermani S., Hammel J.U., Kaandorp J., <b>Goffredo S.</b> , Falini G.	2021	Ecomorphological, behavioural and physiological patterns in otoliths	IUCr 2021 - XXV Congress and General Assembly of the International Union of Crystallography, Prague (Czech Republic), 14-22 August 2021
Machado Toffolo M., <b>Goffredo S.</b> , Meschini M., Caroselli E., Franzellitti S., Prati F., Simoncini G., Visentin M., Airi V., Branchini S., Prada F., Boattini A., Brambilla V., Martinez G., Marchini C.	2021	Environmental education and tourism: promoting tourist awareness through informal activities	Citizen Science Italia (CSI) National Meeting, Grosseto (Italy), 11-12 November 2021

Marchini C., Fossati V., Cerpelloni M., Caroselli E., Falini G., Dubinsky Z., <b>Goffredo S.</b>	2022	Reproductive morphology and biometry of the non-zooxanthellate papillose cup coral <i>Paracyathus pulchellus</i> (Scleractinia: Caryophylliidae)	15 <sup>th</sup> International Coral Reefs Symposium, Bremen (Germany), 3-8 July 2022.  Presented online
Mancuso A., Prada F., Marchini C., Di Fazio V., Ghiraldi C., Taviani M., Montagna P., <b>Goffredo S.</b>	2022	Skeletal properties of the coral <i>Desmophyllum dianthus</i> are related to the aragonite saturation state along a depth gradient in the Mediterranean Sea	15 <sup>th</sup> International Coral Reefs Symposium, Bremen (Germany), 3-8 July 2022.  Presented online
Cassarino C., Mancuso A., Prada F., Caroselli E., <b>Goffredo S.</b>	2022	Influence of environmental parameters on growth in the solitary non-zooxanthellate coral <i>Caryophyllia inornata</i> naturally living at volcanic vents	15 <sup>th</sup> International Coral Reefs Symposium, Bremen (Germany), 3-8 July 2022.  Presented online
Teixido N., Alliouane S., Carbone C., Caroselli E., Comeau S., Copley R., Gattuso J.-P., <b>Goffredo S.</b> , Mirasole A., Meynadier M., Palumbi S. R., Sheets E.	2022	Newly discovered CO <sub>2</sub> vent supports a coral population persisting under high pCO <sub>2</sub> environments	15 <sup>th</sup> International Coral Reefs Symposium, Bremen (Germany), 3-8 July 2022.
Lee C., Caroselli E., Machado Toffolo M., Meschini M., Mancuso A., Marchini C., Pensa, F., Branchini S., <b>Goffredo S.</b>	2022	Eight years of community structure monitoring through recreational citizen science at the “SS Thistlegorm” wreck (Red Sea)	15 <sup>th</sup> International Coral Reefs Symposium, Bremen (Germany), 3-8 July 2022.  Presented online
Machado Toffolo M., Simoncini G., Marchini C., Meschini M., Caroselli E., Franzellitti S., Prada F., <b>Goffredo S.</b>	2022	Long term effects of an informal education program on tourist environmental perception	15 <sup>th</sup> International Coral Reefs Symposium, Bremen (Germany), 3-8 July 2022.  Presented online
Iuffrida L., Wathsala R.H.G.R., Di Simone N., Cheli A., Candela M., Palladino G., Musella M., <b>Goffredo S.</b> , Falini G., Franzellitti S.	2022	Seasonal and spatial variability of gene transcription, digestive gland microbiome and shell properties in <i>Mytilus galloprovincialis</i> farmed along the North-Western Adriatic Sea (Italy)	32 <sup>nd</sup> Congress of the European Society for Comparative Physiology and Biochemistry, Naples (Italy), 28-31 August 2022
Lutet-Toti C., <b>Goffredo S.</b> , Falini G., Marin F.	2022	Investigating mollusk shells organic matrix composition: isolation and characterization of bioactive molecules	Biominerilization Gordon Research Conference, Casteldefels (Spain), 14-19 August 2022
Marchini C, Machado Toffolo M, Mancuso A, Caroselli E, <b>Goffredo S.</b>	2022	Short- and long-term effects of an informal education program on tourist environmental perception	World Heritage. 50 years of the UNESCO Convention: reflections on the Campuses of the Alma Mater Studiorum. Sustainable tourism between local heritage and global citizenship, Rimini (Italy), 10 November 2022

## *In extenso* congress proceedings

Authors	Year	Paper title	Meeting	Publisher	Pages
<b>Goffredo S.</b>	2001	Population dynamics of the solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia) at Calafuria	“Parco dei Due Castelli” Symposium – A Coastal Protected Area, Livorno (Italy), 19 April 2000	Regional Agency for the Environmental Protection of Tuscany (ARPAT), Province of Leghorn, Litografia I. P. (Florence, Italy)	87-89

<b>Goffredo S.</b> , Neri P., Orlandi A., Scola Gagliardi M., Piccinetti C., Zaccanti F.	2005	Divers for the environment: 2002-2005, Mediterranean underwater biodiversity project. Results of the first year of research	“2003-2004 Days of Tourism: Tourism Problems and Policies” Symposium, Novara (Italy), 7-9 May 2003	Università degli Studi del Piemonte Orientale “Amedeo Avogadro”, Department for the Studies on the Enterprise and Territory, Patron Editor (Bologna, Italy)	485-498
<b>Neto G., Goffredo S.</b> , Neri P., Orlandi A., Scola Gagliardi M., Velardi A., Pensa F., Piccinetti C., Zaccanti F.	2006	The Sea of the Tuscany: coasts, sea beads, biological diversity and the monitoring	“Codice Armonico” Symposium, First Congress of Natural Sciences of the Tuscany Region - “Mediterranean Tuscany Zone”, Castiglioncello (Livorno, Italy), 17-19 February 2006	Tuscany Region, Museum of Natural History of Rosignano Solvay, Associazione Amici della Natura, Zadigroma Editor (Rome, Italy)	9-16
<b>Goffredo S.</b> , Piccinetti C., Zaccanti F.	2006:	Volunteers in marine conservation monitoring: Mediterranean <i>Hippocampus</i> Mission, a study on the distribution of seahorses in collaboration with recreational scuba divers	International Workshop: The Diving Activities in the Marine Protected areas and their Impact on the Environment: comparing Mediterranean Experiences, Ostia (Italy), 17-18 February 2005	Roma Nature Symposium (the Natural Parks of Rome), Secche di Tor Paterno, Palombi Editors (Rome, Italy)	99-117
<b>Goffredo S.</b> , Orlandi A., Neri P., Scola Gagliardi M., Velardi A., Pensa F., Piccinetti C., Zaccanti F.	2006	2002-2005 Divers for the environment. Mediterranean underwater biodiversity project. Monitoring in collaboration with the industry of underwater tourism: results after three years of research	International Workshop: The Diving Activities in the Marine Protected areas and their Impact on the Environment: comparing Mediterranean Experiences, Ostia (Italy), 17-18 February 2005	Roma Nature Symposium (the Natural Parks of Rome), Secche di Tor Paterno, Palombi Editors (Rome, Italy)	125-143
<b>Goffredo S.</b> , Neri P., Orlandi A., Pensa F., Scola Gagliardi M., Velardi A., Piccinetti C., Zaccanti F.	2008	Citizen education by involvement in marine biodiversity monitoring.	INTED 2008. International Technology, Education and Development Conference, Valencia (Spain), 3-5 March 2008	International Association of Technology, Education and Development, IATED (Valencia, Spain)	72-81
<b>Goffredo S.</b> , Caroselli E., Pignotti E., Mattioli G., Zaccanti F.	2008	Environmental control on biometry and demography of solitary corals in the Mediterranean Sea.	“Codice Armonico” Symposium, Second Congress of Natural Sciences of the Tuscany Region - “Mediterranean Tuscany Zone”, Castiglioncello (Livorno, Italy), 13-15 March 2008	Tuscany Region, Museum of Natural History of Rosignano Solvay, ETS Editor (Piazza Carrara, Pisa, Italy)	248-257
<b>Goffredo S.</b> , Caroselli E., Mattioli G., Pignotti E., Dubinsky Z., Zaccanti F.	2010	Decreasing of calcification with increasing temperature in a Mediterranean endemic coral	“Codice Armonico” Symposium, Third Congress of Natural Sciences of the Tuscany Region, Castiglioncello (Livorno, Italy), 11-13 March 2010	Museum of Natural History of Rosignano Solvay, ETS Editor (Piazza Carrara, Pisa, Italy)	9-16

Caroselli E., Mattioli G., Zaccanti F., <b>Goffredo S.</b>	2012	Growth and population dynamics model of the temperate azooxanthellate solitary coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae)	“Codice Armonico” Symposium, Fourth Congress of Natural Sciences of the Tuscany Region, Castiglioncello (Livorno, Italy), 15-17 March 2012	Museum of Natural History of Rosignano Solvay, ETS Editor (Piazza Carrara, Pisa, Italy)	58-66
<b>Goffredo S.</b> , Marchini C., Rocchi M., Airi V., Caroselli E., Falini G., Levy O., Dubinsky Z., Zaccanti F.	2012	Reproduction of the solitary coral <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae)	“Codice Armonico” Symposium, Fourth Congress of Natural Sciences of the Tuscany Region, Castiglioncello (Livorno, Italy), 15-17 March 2012	Museum of Natural History of Rosignano Solvay, ETS Editor (Piazza Carrara, Pisa, Italy)	188-198
Prada F., Caroselli E., Zaccanti F., Capaccioni B., Falini G., Levy O., Dubinsky Z., <b>Goffredo S.</b>	2013	Ocean acidification effects on benthic Mediterranean organisms along a natural CO <sub>2</sub> gradient	Joint International Scientific Diving Symposium American Academy of Underwater Sciences and European Scientific Diving Panel, Curaçao (The Netherlands), 24-27 October 2013	American Academy of Underwater Sciences (101 Bienville Boulevard, Dauphin Island, USA)	231-233
Gizzi F., Airi V., Caroselli E., <b>Goffredo S.</b>	2014	Population dynamics model of the symbiotic solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae) at Calafuria	“Codice Armonico” Symposium, Fifth Congress of Natural Sciences of the Tuscany Region, Castiglioncello (Livorno, Italy), 27-29 March 2014	Museum of Natural History of Rosignano Solvay, ETS Editor (Piazza Carrara, Pisa, Italy)	68-72

## 19. Papers in impact factor journals

\*corresponding author

1	<b>Goffredo S.*</b> , Telò T. 1998: Hermaphroditism and brooding in the solitary coral <i>Balanophyllia europaea</i> (Cnidaria, Anthozoa, Scleractinia). <b>Italian Journal of Zoology</b> , 65: 159-165.
2	<b>Goffredo S.</b> , Chadwick-Furman N. E.* 2000: Abundance and distribution of mushroom corals (Scleractinia, Fungiidae) on a coral reef at Eilat, northern Red Sea. <b>Bulletin of Marine Science</b> , 66: 241-254.
3	<b>Goffredo S.*</b> , Telò T., Scanabissi F. 2000: Ultrastructural observations of the spermatogenesis of the hermaphroditic solitary coral <i>Balanophyllia europaea</i> (Anthozoa, Scleractinia). <b>Zoomorphology</b> , 119: 231-240. DOI: 10.1007/PL00008495
4	Chadwick-Furman N. E.*, <b>Goffredo S.</b> , Loya Y. 2000: Growth and population dynamic model of the reef coral <i>Fungia granulosa</i> Klunzinger, 1879 at Eilat, northern Red Sea. <b>Journal of Experimental Marine Biology and Ecology</b> , 249: 199-218. DOI: 10.1016/S0022-0981(00)00204-5

5	<b>Goffredo S.*</b> , Arnone S., Zaccanti F. 2002: Sexual reproduction in the Mediterranean solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae). <b>Marine Ecology Progress Series</b> , 229: 83-94. DOI: 83-94. 10.3354/meps229083
6	<b>Goffredo S.*</b> , Chadwick-Furman N. E. 2003: Comparative demography of mushroom corals (Scleractinia, Fungiidae) at Eilat, northern Red Sea. <b>Marine Biology</b> , 142: 411-418. DOI: 10.1007/s00227-002-0980-9
7	<b>Goffredo S.*</b> , Zaccanti F. 2004: Laboratory observations of larval behavior and metamorphosis in the Mediterranean solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae). <b>Bulletin of Marine Science</b> , 74: 449-458.
8	<b>Goffredo S.*</b> , Mattioli G., Zaccanti F. 2004: Growth and population dynamics model of the Mediterranean solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae). <b>Coral Reefs</b> , 23: 433-443. DOI: 10.1007/s00338-004-0395-9
9	<b>Goffredo S.*</b> , Piccinetti C., Zaccanti F. 2004: Volunteers in marine conservation monitoring: a study of the distribution of seahorses carried out in collaboration with recreational scuba divers. <b>Conservation Biology</b> , 18: 1492-1503. DOI: 10.1111/j.1523-1739.2004.00015.x <i>Journal cover paper</i>
10	<b>Goffredo S.*</b> , Mezzomonaco L., Zaccanti F. 2004: Genetic differentiation among populations of the Mediterranean hermaphroditic brooding coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae). <b>Marine Biology</b> , 145: 1075-1083. DOI: 10.1007/s00227-004-1403-x
11	<b>Goffredo S.*</b> , Radetić J., Airi V., Zaccanti F. 2005: Sexual reproduction of the solitary sunset cup coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) in the Mediterranean. 1. Morphological aspects of gametogenesis and ontogenesis. <b>Marine Biology</b> , 147: 485-495. DOI: 10.1007/s00227-005-1567-z
12	<b>Goffredo S.*</b> , Airi V., Radetić J., Zaccanti F. 2006: Sexual reproduction of the solitary sunset cup coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae) in the Mediterranean. 2. Quantitative aspects of the annual reproductive cycle. <b>Marine Biology</b> , 148: 923-931. DOI: 10.1007/s00227-005-0137-8
13	<b>Goffredo S.</b> , Lasker H. R.* 2006: Modular growth of a gorgonian coral can generate predictable patterns of colony growth. <b>Journal of Experimental Marine Biology and Ecology</b> , 336: 221-229. DOI: 10.1016/j.jembe.2006.05.012
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15	<b>Goffredo S.*</b> , Piccinetti C., Zaccanti F. 2007: Tsunami survey expedition: preliminary investigation of Maldivian coral reefs two weeks after the event. <b>Environmental Monitoring and Assessment</b> , 131: 95-105. DOI: 10.1007/s10661-006-9459-3
16	<b>Goffredo S.*</b> , Caroselli E., Pignotti E., Mattioli G., Zaccanti F. 2007: Variation in biometry and population density of solitary corals with solar radiation and sea surface temperature in the Mediterranean Sea. <b>Marine Biology</b> , 152: 351-361. DOI: 10.1007/s00227-007-0695-z
17	<b>Goffredo S.*</b> , Caroselli E., Mattioli G., Pignotti E., Zaccanti F. 2008: Relationships between growth, population structure and sea surface temperature in the temperate solitary coral <i>Balanophyllia europaea</i> (Scleractinia, Dendrophylliidae). <b>Coral Reefs</b> , 27: 623-632. DOI: 10.1007/s00338-008-0362-y
18	<b>Goffredo S.</b> , Lasker H. R.* 2008: An adaptive management approach to an octocoral fishery based on the Beverton-Holt model. <b>Coral Reefs</b> , 27: 751-761. DOI: 10.1007/s00338-008-0391-6 <i>Coral Reefs best paper award 2008 short list</i>
19	<b>Goffredo S.*</b> , Caroselli E., Mattioli G., Pignotti E., Dubinsky Z., Zaccanti F. 2009: Inferred level of calcification decreases along an increasing temperature gradient in a Mediterranean endemic coral. <b>Limnology and Oceanography</b> , 54: 930-937. DOI: 10.4319/lo.2009.54.3.0930
20	<b>Goffredo S.*</b> , Di Ceglie S., Zaccanti F. 2009: Genetic differentiation of the temperate-subtropical stony coral <i>Leptopsammia pruvoti</i> in the Mediterranean Sea. <b>Israel Journal of Ecology and Evolution</b> , 55: 99-115. DOI: 10.1560/IJEE.55.2.99 <i>Journal cover paper</i>
21	<b>Goffredo S.*</b> , Pensa F., Neri P., Orlandi A., Scola Gagliardi M., Velardi A., Piccinetti C., Zaccanti F. 2010: Unite research with what citizens do for fun: “recreational monitoring” of marine biodiversity. <b>Ecological Applications</b> , 20: 2170-2187. DOI: 10.1890/09-1546.1
22	<b>Goffredo S.*</b> , Gasparini G., Marconi G., Putignano M. T., Pazzini C., Zaccanti F. 2010: Gonochorism and planula brooding in the Mediterranean endemic orange coral <i>Astroides calycularis</i> (Scleractinia: Dendrophylliidae). Morphological aspects of gametogenesis and ontogenesis. <b>Marine Biology Research</b> , 6: 421-436. DOI: 10.1080/17451000903428488
23	<b>Goffredo S.*</b> , Caroselli E., Mattioli G., Zaccanti F. 2010: Growth and population dynamic model for the non-zooxanthellate temperate solitary coral <i>Leptopsammia pruvoti</i> (Scleractinia, Dendrophylliidae). <b>Marine Biology</b> , 157: 2603-2612. DOI: 10.1007/s00227-010-1522-5

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25	<p>Caroselli E., Prada F., Pasquini L., Nonnis Marzano F., Zaccanti F., Falini G., Levy O., Dubinsky Z., <b>Goffredo S.*</b> 2011: Environmental implications of skeletal micro-density and porosity variation in two scleractinian corals. <b>Zoology</b>, 114: 255-264. DOI: 10.1016/j.zool.2011.04.003</p> <p><i>Journal cover paper</i></p>
26	<p><b>Goffredo S.*</b>, Gasparini G., Marconi G., Putignano M. T., Pazzini C., Airi V., Zaccanti F. 2011: Sexual reproduction in the Mediterranean endemic orange coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae). <b>Bulletin of Marine Science</b>, 87: 589-604. DOI: 10.5343/bms.2010.1068</p>
27	<p><b>Goffredo S.</b>, Vergni P., Reggi M., Caroselli E., Sparla F., Levy O., Dubinsky Z., Falini G.* 2011: The skeletal organic matrix from Mediterranean coral <i>Balanophyllia europaea</i> influences calcium carbonate precipitation. <b>PLoS ONE</b>, 6: e22338. DOI: 10.1371/journal.pone.0022338</p>
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29	<p><b>Goffredo S.*</b>, Marchini C., Rocchi M., Airi V., Caroselli E., Falini G., Levy O., Dubinsky Z., Zaccanti F. 2012: Unusual pattern of embryogenesis of <i>Caryophyllia inornata</i> (Scleractinia, Caryophylliidae) in the Mediterranean Sea. Maybe agamic reproduction? <b>Journal of Morphology</b>, 273: 943-956. DOI: 10.1002/jmor.20039</p>
30	<p>Casado-Amezúa P.*, <b>Goffredo S.</b>, Templado J., Machordom A. 2012: Genetic assessment of population structure and connectivity in the threatened Mediterranean coral <i>Astroides calyculus</i> (Scleractinia, Dendrophylliidae) at different spatial scales. <b>Molecular Ecology</b>, 21: 3671-3685. DOI: 10.1111/j.1365-294X.2012.05655.x</p>
31	<p>Caroselli E., Zaccanti F., Mattioli G., Falini G., Levy O., Dubinsky Z., <b>Goffredo S.*</b> 2012: Growth and demography of the solitary scleractinian coral <i>Leptopsammia pruvoti</i> along a sea surface temperature gradient in the Mediterranean Sea. <b>PLoS ONE</b>, 7: e37848. DOI: 10.1371/journal.pone.0037848</p>

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33	Casado-Amezúa P.*., Gasparini G., <b>Goffredo S.*</b> 2013: Phenological and morphological variations in the Mediterranean orange coral <i>Astroides calycularis</i> between two distant localities. <b>Zoology</b> , 116: 159-167. DOI: 10.1016/j.zool.2012.10.005
34	Falini G.*., Reggi M.; Fermani S.; Sparla F.; <b>Goffredo S.</b> ; Dubinsky Z.; Levy O.; Dauphin Y.*.; Cuif J.-P. 2013: Control of aragonite deposition in colonial corals by intra-skeletal macromolecules. <b>Journal of Structural Biology</b> , 183: 226-238. DOI: 10.1016/j.jsb.2013.05.001
35	Pinchasov-Grinblat Y.*., Mauzerall D., <b>Goffredo S.</b> , Falini G., Dubinsky Z. 2013: Photoacoustics: a novel application to the determination of photosynthetic efficiency in zooxanthellate hermatypes. <b>Limnology and Oceanography: Methods</b> , 11: 374-381. DOI: 10.4319/lom.2013.11.374
36	Fantazzini P.*., Mengoli S., Evangelisti S., Pasquini L., Mariani M., Brizi L., <b>Goffredo S.</b> , Caroselli E., Prada F., Falini G., Levy O., Dubinsky Z. 2013: A time-domain nuclear magnetic resonance study of Mediterranean scleractinian corals reveals skeletal-porosity sensitivity to environmental changes. <b>Environmental Science &amp; Technology</b> , 47: 12679–12686. DOI: 10.1021/es402521b
37	Sancho-Tomás M., Fermani S., <b>Goffredo S.</b> , Dubinsky Z., García-Ruiz J. M., Gómez-Morales J.*., Falini G.* 2014: Exploring coral biomineralization in gelling environments by means of a counter diffusion system. <b>CrystEngComm</b> , 16: 1257-1267. DOI: 10.1039/c3ce41894d <i>Journal cover paper</i>
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39	Maor-Landaw K., Karako-Lampert S., Waldman-Ben-Asher H., <b>Goffredo S.</b> , Falini G., Dubinsky Z., Levy O.* 2014: Gene expression profiles during short-term heat stress in the Red Sea coral <i>Stylophora pistillata</i> . <b>Global Change Biology</b> , 20: 3026-3035. DOI: 10.1111/gcb.12592

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41	<p>Adamiano A., <b>Goffredo S.</b>, Dubinsky Z., Levy O., Fermani S., Fabbri D.*, Falini G.* 2014: Analytical pyrolysis-based study on intra-skeletal organic matrices from Mediterranean corals. <b>Analytical and Bioanalytical Chemistry</b>, 406: 6021-6033. DOI: 10.1007/s00216-014-7995-1</p> <p><i>Journal cover paper</i></p>
42	<p>Laiolo L., Barausse A.*, Dubinsky Z., Palmeri L., <b>Goffredo S.</b>, Kamenir Y., Al Najjar T., Iluz D.* 2014: Phytoplankton dynamics in the Gulf of Aqaba (Eilat, Red Sea): a simulation study of mariculture effects. <b>Marine Pollution Bulletin</b>, 86: 481-493. DOI: 10.1016/j.marpolbul.2014.06.026</p>
43	<p>Reggi M., Fermani S., Landi V., Sparla F., Caroselli E., Gizzi F., Dubinsky Z., Levy O., Cuif J.-P., Dauphin Y., <b>Goffredo S.*</b>, Falini G.* 2014: Biomineralization in Mediterranean corals: the role of the intraskeletal organic matrix. <b>Crystal Growth &amp; Design</b>, 14: 4310–4320. DOI: 10.1021/cg5003572</p> <p><i>Journal cover paper</i></p>
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45	<p><b>Goffredo S.*</b>, Mancuso A., Caroselli E., Prada F., Dubinsky Z., Falini G., Levy O., Fantazzini P., Pasquini L. 2015: Skeletal mechanical properties of Mediterranean corals along a wide latitudinal gradient. <b>Coral Reefs</b>, 34: 121-132. DOI: 10.1007/s00338-014-1222-6</p>
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## 20. Papers in peer-review journals without impact factor

\*correspondig author

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## 21. Books

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2	<b>Goffredo S.</b> , Dubinsky Z. (editors) 2016: The Cnidaria, past, present and future. The world of Medusa and her sisters. Springer, Cham (ISBN 978-3-319-31303-0; DOI: 10.1007/978-3-319-31305-4)
3	Otero M. M., Numa C., Bo M., Orejas C., Garrabou J., Cerrano C., Kružić' P., Antoniadou C., Aguilar R., Kipson S., Linares C., Terrón-Sigler A., Brossard J., Kersting D., Casado-Amezúa P., García S., <b>Goffredo S.</b> , Ocaña O., Caroselli E., Maldonado M., Bavestrello G., Cattaneo-Vietti R., Özalp B 2017: Overview of the conservation status of Mediterranean anthozoans. IUCN, Malaga (ISBN 978-2-8317-1845-3; DOI: 10.2305/IUCN.CH.2017.RA.2.en)

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## 22. Book chapters

\* corresponding author

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1	Caroselli E., <b>Goffredo S.*</b> 2014: Mediterranean coral population dynamics: a tale of 20 years of field studies. In: Goffredo S., Dubinsky Z. (eds) <i>The Mediterranean Sea. Its history and present challenges</i> . Springer, Dordrecht. Pages 275-284. DOI: 10.1007/978-94-007-6704-1_15
2	Reggi M., Fermani S., Levy O., Dubinsky Z., <b>Goffredo S.</b> , Falini G.* 2016: Influences of coral intra-skeletal organic matrix on calcium carbonate precipitation. In: Goffredo S., Dubinsky Z. (eds) <i>The Cnidaria, past, present and future. The world of Medusa and her sisters</i> . Springer, Cham. Pages 207-222. DOI: 10.1007/978-3-319-31305-4_13
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## 23. Current researches ([www.marinesciencengroup.org](http://www.marinesciencengroup.org))

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### CITIZEN SCIENCE

#### **STE: SCUBA TOURISM FOR THE ENVIRONMENT – RED SEA BIODIVERSITY MONITORING PROGRAM** ([www.STEproject.org](http://www.STEproject.org))

In collaboration with: Ministry of Tourism of the Arab Republic of Egypt, Egyptian Underwater and Lifesaving Federation, Project AWARE Foundation (Switzerland), Association of Italian Tour Operators, Scuba Nitrox Safety International, Scuba Schools International, Underwater Life Project, TuttoTurismo, Neos, Italian Ministry of the Environment and Land and Sea Protection.

Main Objectives:

- To involve dive tourists in the collection of data on the marine biodiversity in the area of Sharm el Sheikh and the Egyptian Red Sea
- To promote environmental education and to improve the naturalistic awareness of tourists
- To promote the development of sustainable tourism
- To enhance the naturalistic resources of the Red Sea

- To contribute to the maintenance of the coral reefs of the Red Sea
- To spread the positive image of tourist activity in general and of the recreational scuba diving in particular
- To divulge in Egypt, Europe and throughout the world a model of balanced exploitation of natural resources
- To give an additional value to recreational dives

## **CORAL ECOLOGY AND BIOLOGY**

### **CORALWARM. CORALS AND GLOBAL WARMING: THE MEDITERRANEAN VERSUS THE RED SEA ([WWW.CORALWARM.EU](http://WWW.CORALWARM.EU))**

In collaboration with Prof. Zvy Dubinsky (Bar Ilan University) and Prof. Giuseppe Falini (Chemistry Department, University of Bologna). **Project funded by ERC: the European Research Council (FP7 IDEAS program, European Commission, EU).**

CoralWarm will generate for the first time projections of temperate and subtropical coral survival by integrating sublethal temperature increase effects on metabolic and skeletal processes in Mediterranean and Red Sea key species. CoralWarm unique approach is from the nano- to the macro-scale, correlating molecular events to environmental processes. This will show new pathways to future investigations on cellular mechanisms linking environmental factors to final phenotype, potentially improving prediction powers and paleoclimatological interpretation. Biological and chemical expertise will merge, producing new interdisciplinary approaches for ecophysiology and biomimicry. Field transplantations will be combined with controlled experiments under IPCC scenarios. Corals will be grown in aquaria, exposing the Mediterranean species native to cooler waters to higher temperatures, and the Red Sea ones to gradually increasing above ambient warming seawater. Virtually all state-of-the-art methods will be used, by uniquely combining the investigators' expertise. Expected results include responses of algal symbionts' photosynthesis, host, symbiont and holobiont respiration, biomimicry rates and patterns, including colony architecture, and reproduction to temperature and pH gradients and combinations. Integration of molecular aspects of potential replacement of symbiont clades, changes in skeletal crystallography, with biochemical and physiological aspects of temperature response, will lead to a novel mechanistic model predicting changes in coral ecology and survival prospect. High-temperature tolerant clades and species will be revealed, allowing future bioremediation actions and establishment of coral refuges, saving corals and coral reefs for future generations

## **MICROGRAVITY BIOMINERALIZATION**

### **TOPICAL TEAM: SPACE BIOREACTOR FOR MARINE MINERALIZATION MATERIAL RESEARCH (SPACEBIOMAT)**

In collaboration with Prof. Zvy Dubinsky (Faculty of Life Sciences, Bar Ilan University), Prof. Giuseppe Falini (Chemistry Department, University of Bologna), and Jaap Kaandorp (Section Computational Science, University of Amsterdam). **Project funded by ESA: European Space Agency.**

Goal: the development of an orbiting aquatic biomineralization research module (the space bioreactor). The module shall provide a unique possibility to investigate the micro-morphology of biominerals and gene expression patterns (transcriptomics experiments) under low gravity conditions, and the process by which the cells sense gravity-induced changes in their local environment. Several non-academic and academic partners are involved.

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## **24. Interviews in scientific journals**

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15 December 2016, Nature (<http://www.nature.com/>), di Amber Dance, “Funding: Word perfect”

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## **25. Communication activities: popular publications**

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### Books (national publisher)

Mari C., Maiorca E., Natoli U., **Goffredo S.** 1998: Show, Il Mediterraneo. Lights editrice, Milano, 205 p.

Cafiero G., Lami F., Moietta A., Ceccarini M., **Goffredo S.** 2000: Open Water Diver, SNSI Air Program, Manual. Scuba Nitrox Safety International, Bologna, 157 p.

Turano F., Neto G., **Goffredo S.** 2001: Sott’acqua in Mediterraneo. SSI Italia Sub Service, Bologna, 254 p.

### Journals (national diffusion)

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**Goffredo S.** 1997: *Balanophyllia europaea*, ermafrodita. Contro Corrente, 14: 26-28.

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- 18 Agosto 2001, RAI uno, Linea Blu (conduce Donatella Bianchi), intervista/servizio sulla “Missione *Hippocampus Mediterraneo*”.
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- 3 Ottobre 2003, Radio DJ, DJ Chiama Italia (conducono Linus e Nicola), intervista su “Sub per l’Ambiente – Progetto Biodiversità Subacquea del Mediterraneo”
- 9 Novembre 2003, Rete 4, Pianeta Mare (conduce Gloria Bellicchi), intervista/servizio su "Sub per l'Ambiente - Progetto Biodiversità Subacquea del Mediterraneo"
- 21 Novembre 2003, Sala Polivalente Centro Sportivo Faustina (CONI, Comitato Nazionale Olimpico Italiano), Il mare nell’autunno di Lodi – Serate Culturali a cura della Scuola Subacquea Laudense, conferenza dal titolo “Sub per l’Ambiente – Progetto Biodiversità Subacquea del Mediterraneo: risultati del primo anno di ricerca”
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- 18 Febbraio 2010, Borsa Internazionale del Turismo BIT, Stand del Ministero del Turismo della Repubblica Araba d'Egitto, incontro privato con il Ministro Dr Zoheir Garranah, presentazione "STE: Scuba Tourism for the Environment: risultati del terzo anno di ricerca".
- 19 Febbraio 2010, Borsa Internazionale del Turismo BIT, Stand Associazione Tour Operator Italiani ASTOI, presentazione "STE: Scuba Tourism for the Environment: risultati del terzo anno di ricerca".
- 22 Marzo 2010, Camera dei Deputati, Parlamento Italiano, tavola rotonda sul progetto di legge per le attività subacquee sportive e professionali "Sicurezza nelle attività subacquee: figlia di un Dio Minore?", presentazione della American Academy of Underwater Sciences.

- 17 Maggio 2010, La Stampa, di Franco Giubilei, "Troppo caldo per i coralli"
- 17 Maggio 2010, Quimare.com (<http://www.quimare.com/>), "Progetto da 3,3 mln per salvare i coralli"
- 17 Maggio 2010, Cambiamenti Climatici (<http://cambiamenti-climatici.blogspot.it/>), "Salvare i coralli della emissioni di CO<sub>2</sub>"
- 28 Luglio 2010, RadioStudioPiù, La Carovana On the Road, conduce Paolino, intervista su "STE: Scuba Tourism for the Environment".
- 21 Agosto 2010, Radio24, Moebius, conduce Federico Pedrocchi, intervista su "STE: Scuba Tourism for the Environment".
- 24 Settembre 2010, Piazza Scaravilli, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo "CoralWarm. Riscaldamento Globale & i coralli nel nostro mare".
- 29 Novembre 2010, COSMOS magazine (Australia), di Mico Tatalovic, "Acidic seas threaten coral reefs"
- 4 Febbraio 2011, Yahoo! Notizie Italia (<http://it.notizie.yahoo.com/>), "Ambiente: Marevivo, muore giardino dei coralli in Sudan"
- 4 Febbraio 2011, Asca: agenzia stampa quotidiana nazionale (<http://www.asca.it/>), "Ambiente: Marevivo, muore giardino dei coralli in Sudan"
- 5 Febbraio 2011, Arte e Scienza in Piazza, Agorà la Ricerca di Frontiera, presentazione "CoralWarm: il mare dei coralli tra cento anni"
- 5 Febbraio 2011, Ecquo: sostenibilità sociale, economica e ambientale (<http://magazine.quotidiano.net/ecquo/>), "Dall'Università di Bologna e da Marevivo un allarme per le barriere coralline del Sudan"
- 6 Febbraio 2011, Ansa.it (<http://www.ansa.it/>), "A rischio giardino dei coralli in Sudan"
- 12 Febbraio 2011, L'Unione Sarda, di Francesco Mannoni, "Così l'anidride asfissia l'economia e la vita dei mari"
- 13 Febbraio 2011, Centro Congressi Meeting Fiera di Bologna, XIX Salone Europeo delle Attività Subacquee (EU.DI. Show), conferenza dal titolo "STE: Scuba Tourism for the Environment: risultati del quarto anno di ricerca".
- 17-20 Febbraio 2011, Fiera Milano (Rho), Borsa Internazionale del Turismo BIT, presentazione del progetto "STE: Scuba Tourism for the Environment: risultati del quarto anno di ricerca".
- 23 Settembre 2011, Piazza Scaravilli, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo "Tutti tra i coralli: la biodiversità del Mar Rosso, nello spazio e nel tempo".
- 23-27 Settembre 2011, START – Laboratorio di Culture Creative, Voltone del Podestà, Piazza Re Enzo, Bologna e 21 Ottobre – 2 Novembre 2011, Festival della Scienza, Genova, Questione di Chimica, presentazione dal titolo "Il futuro del mare è scritto nei coralli. "CoralWarm": un progetto europeo per studiare gli effetti del clima e dell'inquinamento sui fondali marini".
- 16-19 Febbraio 2012, Fiera Milano (Rho), Borsa Internazionale del Turismo BIT e XX Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione del progetto "STE: Scuba Tourism for the Environment: risultati del quinto anno di ricerca".
- 21 Marzo 2012, RAI tre, Geo&Geo (conduce Marco Castellazzi), intervista/servizio su "CoralWarm: Corals and global Warming"
- 1-2 Giugno 2012, I ricercatori parlano alla città: in piazza tra bolle e coralli, Giardini Margherita, Bologna.
- Agosto 2012, WIRED magazine (Italia), di Angela Simone, "Occhio al cavalluccio"
- 17 Ottobre 2012, Piazza Scaravilli, Bologna, AlmaFest party con UNIBO, presentazione dal titolo "AlmaCoral, l'influenza dei cambiamenti climatici sulla biodiversità"
- 5 Novembre 2012, Il Resto del Carlino, di Gilberto Dondi, "Mi ha drogato con I coralli poi ha tentato di strangolarmi"

- 5 Novembre 2012, Il Resto del Carlino, di Gilberto Dondi, “Sbagliando dose di coralli avrebbe potuto uccidere”
- 14-17 Febbraio 2013, Fiera Milano (Rho), Borsa Internazionale del Turismo BIT e XXI Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione del progetto “STE: Scuba Tourism for the Environment: risultati del sesto anno di ricerca”.
- 20 Febbraio 2013, Il Resto del Carlino, di Federica Gieri, “Cervelli in arrivo, da Harvard all’Alma mater”
- Giugno 2013, International Innovation (United Kingdom), “Coral conundrum”
- 21 Giugno 2013, Corriere della Sera.it (<http://www.corriere.it/>), di Manuela Campanelli, “I coralli possono guarire. A patto che l’uomo stia lontano”
- 28 Settembre 2013, RAI uno, Linea Blu (conduce Donatella Bianchi), intervista/servizio su “CoralWarm: l’esperimento di Panarea e l’effetto dell’acidificazione del mare sugli organismi calcificanti”
- 16 Ottobre 2013, Bolognafiere, Bologna, Smart City Exhibition 2013, presentazione dal titolo “Citizen Science”.
- 22 Ottobre 2013, Piazza Verdi, Bologna, AlmaFest party con UNIBO, presentazione dal titolo “CoralWarm e STEproject”
- 13-15 Febbraio 2014, Fiera Milano (Rho), Borsa Internazionale del Turismo BIT, presentazione del progetto “STE: Scuba Tourism for the Environment: risultati del settimo anno di ricerca”.
- 15 Marzo 2014, Fiera di Bologna, XXII Salone Europeo delle Attività Subacquee (EU.DI. Show), Master della Subacquea, presentazione dal titolo “Il cratere sottomarino di Panarea: un laboratorio naturale per lo studio dell’acidificazione del mare”.
- 14-17 Marzo 2014, Fiera di Bologna, XXII Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione del progetto “STE: Scuba Tourism for the Environment: risultati del settimo anno di ricerca”.
- 2 Aprile 2014, Corriere della Sera.it (<http://www.corriere.it/>), di Manuela Campanelli, “Turismo e ambiente: salvare i coralli in vacanza a Sharm”
- 18 Luglio 2014, Il Venerdì di Repubblica, di Angela Simone, “Il Mediterraneo nel 2100 sarà un mare di alghe”
- 31 Luglio 2014, Corriere della Sera.it (<http://www.corriere.it/>), di Rudi Bressa, “Mediterraneo: il futuro svelato dai vulcani sottomarini”
- 26 Settembre 2014, Voltone del Podestà, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo “Mare da salvare”.
- 31 Luglio 2014, Corriere della Sera.it (<http://www.corriere.it/>), di Rudi Bressa, “Mediterraneo: il futuro svelato dai vulcani sottomarini”
- 2 Dicembre 2014, Oggiscienza. La ricerca e i suoi protagonisti (<http://oggiscienza.wordpress.com/>), di Marco Boscolo, “Coralli in orbita”
- 6-9 Marzo 2015, Fiera di Bologna, XXIII Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione dei progetti “STE: Scuba Tourism for the Environment: risultati dell’ottavo anno di ricerca” e “CoralWarm”.
- 25 Settembre 2015, San Giovanni in Monte, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo “Save our seas! Dalle vongole dell’Adriatico alle scogliere coralline del Mar Rosso, passando per i coralli di Panarea”.
- 11 Febbraio 2016, Fiera Milano (Rho), Borsa Internazionale del Turismo BIT, presentazione del progetto “Glocal Education. Progetto educatori ambientali. Spin-off project”.
- 4-6 Marzo 2016, Fiera di Bologna, XXIV Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione dei progetti “STE: Scuba Tourism for the Environment: risultati del nono anno di ricerca” e “CoralWarm”.
- 22 Aprile 2016, Liceo Laura Bassi, La Giornata del Clima, in occasione de La Giornata della Terra, presentazione dal titolo “Il futuro degli oceani e dei suoi abitanti. Il cratere sottomarino di Panarea: un laboratorio naturale per lo

studio degli effetti dell'acidificazione del mare sugli organismi calcificanti. Citizen Science: il coinvolgimento dei volontari nei monitoraggi ambientali”.

30 Settembre 2016, CUBO Centro Unipol Bologna, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo “Un mare da salvare”.

11 Dicembre 2016, Sala Ulisse, Palazzo Poggi, Bologna, La Via Zamboni Scienza, La Scienza Infusa, presentazioni dai titoli “Il cratere sottomarino di Panarea: un laboratorio naturale per lo studio degli effetti di acidificazione del mare” e “Citizen Science: il coinvolgimento dei volontari nei monitoraggi ambientali”.

27 Gennaio 2017, Fiera di Düsseldorf, 47th International Boat Show (Boot), presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

3-5 Marzo 2017, Fiera di Bologna, XXV Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

6 April 2017, Y-40, SCUBAPRO European Sales Meeting, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

7-8 April 2017, Santa Margherita Ligure (Genova), PADI Regional Manager Meeting, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

24 April 2017, Decostop Piacenza, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

18 Maggio 2017, Oratorio di San Filippo Neri, Bologna, La Ricerca in Scena, conferenza/spettacolo dal titolo “Il Cratere di Panarea. Un Viaggio nel Mare del Futuro”.

31 Maggio 2017, Piscine dello Stadio, Bologna, Piano Nazionale Lauree Scientifiche, manifestazione dal titolo “Immersione Subacquea Scientifica: Diventare Subacquei per Studiare il Mare e i Suoi Abitanti”.

8 Giugno 2017, Livorno, PADI Member Forum, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

31 Agosto 2017, Museo di Storia Naturale di Ferrara, Mostra "Meduse & Cnidaria": presentazione dal titolo “Un viaggio nel mare del futuro”; Membro del Comitato Scientifico della Mostra.

28 Agosto – 3 Settembre 2017, Ustica, Italy Dive Fest, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

29 Settembre 2017, Salaborsa, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo “L'uomo e il mare”.

27 Ottobre 2017, Grand Hotel Villa Igea, Palermo, 4° Forum Terziario Donna, Donne Motore della Ripresa, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

6 Dicembre 2017, Palazzo dei Congressi, Ravenna, Citizen science: la scienza di tutti!, presentazione dal titolo ““Recreational Citizen Science”: unire ricerca e divertimento, coinvolgendo subacquei nel monitoraggio della biodiversità marina”.

21 Dicembre 2017, Campus di Ravenna (Università di Bologna), Ravenna, BiGeA Racconta, Cambiamenti Climatici e Mare: Rischi e Implicazioni, presentazione dal titolo “Coralli: processo di calcificazione e risposta all’acidificazione dei mari”

2-4 Marzo 2018, Fiera di Bologna, XXVI Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione del progetto “Sea Sentinels: Divers United for the Environment”.

16 Aprile 2018, Tele Liguria Sud, intervista/servizio su “Sentinelle del Mare a Monterosso”

18 Maggio 2018, Corriere della Sera, Corriere di Bologna, di Marina Amaduzzi, “Mare, da turisti a sentinelle per monitorare le coste italiane”

- 20 Maggio 2018, RSI (Radiotelevisione Svizzera), La 1, Il Giardino di Albert (conduce Giovanni Pellegrini e Cecilia Broggini), intervista/servizio su “Coralli Indicatori”
- 6 Giugno 2018, Regione Liguria, Genova, conferenza stampa di presentazione della ricerca “Sentinelle del Mare”.
- 16 Giugno 2018, Radio RAI uno, I viaggi di Radio Uno (conduce Sandro Marini; servizio di Carmelo Lazzaro), intervista/servizio su “Turismo. Il mare italiano ricco di biodiversità. Il progetto Sentinelle del Mare di Confcommercio e Università di Bologna”.
- 13 Giugno 2018, Biblioteca Francesco Selmi, Vignola, Caffè Scienza, Terre di Castelli, Insolite Chicchere da Bar, conferenza dal titolo “Un viaggio nel mare del futuro: il cratere vulcanico sottomarino di Panarea”.
- 25 Settembre 2018, CUBO – Centro Unipol Bologna, Bologna, Changes//Cambiamenti//Cambiamento: Aspettando la Notte Europea dei Ricercatori 2018, presentazione dal titolo “Climate change: il mare di oggi non sarà il mare di domani”.
- 26 Settembre 2018, Liceo A. Righi, Bologna, Racconto a più voci sulla ricerca biologica marina dell’Università di Bologna: Aspettando la Notte Europea dei Ricercatori 2018, presentazione dal titolo “Immersi nella notte!... dei Ricercatori”.
- 28 Settembre 2018, Via Zamboni, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo “Immersi nella notte!... dei Ricercatori”.
- 11 Ottobre 2018, TTG Travel Experience, Rimini, conferenza di presentazione della ricerca “Turisti Sentinelle del Mare: la recreational citizen science nell’esperienza di Confturismo-Confcommercio e dell’Università di Bologna”.
- 5 Giugno 2019, Porto della Maremma, Marina di Grosseto, Convegno “- plastica + mare”, presentazione dell’progetto “Sentinelle del Mare: divers United for the Environment”.
- 12 Giugno 2019, Confcommercio Lecce, Lecce, conferenza stampa di presentazione della ricerca “Sentinelle del Mare: divers United for the Environment”.
- 27 Giugno 2019, Confcommercio Emilia Romagna, Confcommercio Ravenna, Confcommercio Cervia, Cervia, conferenza stampa di presentazione della ricerca “Sentinelle del Mare: Divers United for the Environment”.
- 27 Agosto 2019, Centro Costarena, Bologna, aperitivo scientifico “Scienza e Cittadini Insieme per l’Ambiente: Aspettando la Notte Europea dei Ricercatori 2019”, intervento su “Recreational Citizen Science & Sea Sentinels - Divers United for the Environment”.
- 20 Settembre 2019, Conferenza di Sistema Confcommercio 2019, Villasimius, gruppo di lavoro “da “Sentinelle del Mare” alla “Piattaforma Sostenibilità Confcommercio””, presentazione “Valore scientifico ed educativo della Citizen Science”.
- 22 Settembre 2019, 59° Salone Nautico, Genova, tavola rotonda “Sentinelle del Mare Plastic Free Action”, intervento su “Valore scientifico ed educativo della Citizen Science”.
- 27 Settembre 2019, Via Zamboni, Bologna, La Notte Europea dei Ricercatori, presentazione dal titolo “Il viaggio del carbonio tra terra e mare. Imersi nella notte!... dei Ricercatori”.
- 10 Ottobre 2019, TTG Travel Experience, Rimini, tavola rotonda “Turismo Plastic Responsible: così lo vogliono i clienti, così risponde il settore”, presentazione del progetto “Sentinelle del Mare: Divers United for the Environment”.

- 21 Aprile 2020, Radio Svizzera Italiana - Rete Uno, Liberamente (conduce Lara Montagna), servizio intitolato “Sentinelle del mare, un lungo progetto di Citizen Science”.
- 8 Luglio 2020, Quotidiano Nazionale, di Franca Ferri, “Acque più calde e più acide; il Mediterraneo sta cambiando”.
- 13 Maggio 2020, Online, conferenza “Sentinelle del Mare: Campioni del Mondo”, evento in collaborazione con Francesco Sessso.
- 4 Agosto 2020, Occhio alla Notizia, “Fano Marine Center, al lavoro 51 ricercatori”.
- 8 Giugno 2021, Club Nautico Rimini, Blue Life Fest 2021, Giornata Mondiale degli Oceani, presentazione dal titolo “Recreational Citizen Science: unire la ricerca a ciò che i cittadini fanno per divertimento. Il ruolo dei subacquei sportivi nel monitoraggio della biodiversità marina”.
- 16 Aprile 2021, UNIBO magazine (<http://www.magazine.unibo.it>), “La citizen science aiuta il turismo sostenibile”.
- 27 Novembre 2021, Y-40, PADI Dive Day, Il ruolo della Citizen Science come nuovo modello di business, presentazione dal titolo “Scientific, educational and socio-economic aspects of citizen science”.
- 1-3 Aprile 2022, Fiera di Bologna, XXVIII Salone Europeo delle Attività Subacquee (EU.DI. Show), presentazione del progetto “Sea Sentinels: Divers United for the Environment”.
- 9 Aprile 2022, I Portici Hotel, Bologna, Incontro Comitato Travel KLab, presentazione del progetto “Sea Sentinels: Divers United for the Environment”.
- 27 Luglio 2022, RAI uno, Tg1 (servizio di Vittorio Romano), intervento su “Riscaldamento Globale, Mediterraneo Tropicale”
- 27 Luglio 2022, TGCOM 24 (<https://www.tgcom24.mediaset.it/>), “Caldo, a luglio Mediterraneo 5 gradi sopra la media: è record | Così il mare si "tropicalizza"”
- 27 Luglio 2022, Blitz quotidiano (<https://www.blitzquotidiano.it/>), “Temperature record, a luglio il Mar Mediterraneo 5 gradi sopra la media. Gli effetti e i rischi”
- 27 Luglio 2022, Globalist (<https://www.globalist.it/>), “Il Mediterraneo si "tropicalizza": a luglio 5 gradi sopra la media”
- 27 Luglio 2022, IIsipontino.net (<https://www.ilisipontino.net/>), “Il Mediterraneo 5 gradi sopra la media”
- 27 Luglio 2022, RomaIT (<https://www.romait.it/>), “Mar Mediterraneo, a luglio cinque gradi sopra la media. Ecco cosa può causare”
- 27 Luglio 2022, CRONACHEdi (<https://cronachedi.it/>), “Caldo: a luglio Mediterraneo +5° sopra la media, è record. In arrivo specie ‘alieni’”
- 27 Luglio 2022, Head Topics (<https://headtopics.com/it/>), “Mediterraneo, acqua bollente? Mare invaso da 'specie alieni': la scoperta inquietante”
- 27 Luglio 2022, TIM Gate (<https://timgate.it/home>), “Perché il Mar Mediterraneo si sta tropicalizzando”
- 27 Luglio 2022, A.R.T. News (<https://www.art-news.it/>), “Caldo estremo, record Mediterraneo: a luglio 5 gradi sopra la media”
- 27 Luglio 2022, NEWSONLINE (<https://www.newsonline.it/>), “Temperature record, a luglio il Mar Mediterraneo 5 gradi sopra la media. Gli effetti e i rischi”.
- 2 Dicembre 2022, Occhio alla Notizia (<https://www.occhioallanotizia.it/>), “Boa oceanografica al largo di Fano: monitora lo stato del mare e gli effetti dei cambiamenti climatici”.

2 Dicembre 2022, Agenparl Italia (<https://agenparl.eu/>), “UniBo Ricerca. Posizionata al largo di Fano la boa oceanografica Fortunae: un esempio unico di laboratorio marino d’altura”.

2 Dicembre 2022, CentroPagina (<https://www.centropagina.it/>), “Fano, una sentinella sul mare: posizionata una boa oceanografica”.

2 Dicembre 2022, Consiglio Nazionale delle Ricerche News (<https://www.cnr.it/it/news/>), “Posizionata boa oceanografica "Fortunae" al largo di Fano”.

2 Dicembre 2022, fanoinforma (<https://www.fanoinforma.it/>), “Posizionata boa oceanografica Fortunae al largo di Fano”.

2 Dicembre 2022, Il Metauro (<https://www.ilmetauro.it/>), “Posizionata la boa oceanoagrafica Fortunae al largo di Fano”.

2 Dicembre 2022, in salute news (<https://www.insaluteneWS.it/>), “Studio del mare in tempo reale: posizionata boa oceanografica Fortunae al largo di Fano”.

2 Dicembre 2022, MeteoWeb (<https://www.meteoweb.eu/>), “Posizionata nuova boa oceanografica per studiare il mare al largo di Fano”.

2 Dicembre 2022, PesaroUrbinoNotizie.it (<https://www.pesarourbinonotizie.it/>), “Posizionata la boa “Fortunae” al largo di Fano”.

2 Dicembre 2022, Vivere Ancona (<https://www.vivereancona.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Ascoli (<https://www.vivereascoli.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Camerino (<https://www.viverecamerino.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Civitanova (<https://www.viverecivitanova.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Fabriano (<https://www.viverefabriano.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Fano (<https://www.viverefano.com/>), “Posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Jesi (<https://www.viverejesi.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Recanati (<https://www.vivererecanati.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Senigallia (<https://www.viveresenigallia.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

2 Dicembre 2022, Vivere Urbino (<https://www.vivereurbino.it/>), “Fano: posizionata la boa oceanografica Fortunae a largo della costa”.

3 Dicembre 2022, Il Resto del Carlino, di Anna Marchetti, “Arriva la “boa” intelligente che studia il mare Adriatico”

3 Dicembre 2022, Corriere Adriatico, di Andrea Amaduzzi, “Boa per studiare il Climate Change e orientare chi opera con il mare”.