

**PERSONAL
INFORMATION**

Laura Tamburello

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💬 Skype contact lauratamb

Sex Female | Date of birth 14/09/1981 | Place of birth Vimercate, MI, Italy | Nationality Italian

**RESEARCH
INTERESTS**

During my scientific career I worked in a university context, acquiring good theoretical and technical skills. I became familiar with major ecological theories describing interactions between organisms, ecosystem functioning, spatial ecology, macroecology and the effects of major human threats (including climate change, biological invasions and urbanization/coastal degradation) on natural assemblages. I developed a combined experience in experimental/quantitative ecology and GIS analysis, mostly related to coastal and marine environments.

WORK EXPERIENCE

01/10/2019 - present

Researcher

Experimental activity to explore the feasibility of restoration techniques aimed to recover *Cystoseira* forests in intertidal and subtidal rocky reefs of the Gulf of Naples.

Stazione Zoologica Anton Dohrn – Ischia Marine Center, Punta S. Pietro, 80077, Ischia (NA)

01/04/2017 – 30/09/2019

Student fellowship with the EU project MERCES

Experimental activity to explore the feasibility of restoration techniques aimed to recover *Cystoseira* forests in intertidal and subtidal rocky reefs along the coasts of Apulia.

Experimental investigation of human stressors (e.g. herbicides) threatening the persistence of *Cystoseira* forests.

CoNISMa, piazzale Flaminio 9, 00196, Roma c/o University of Salento, Piazza Tancredi 7, 73100, Lecce

01/11/2016 - 30/01/2017

Visitor Scientist - Institute for Marine and Antarctic Studies (IMAS)

Qualitative modeling in collaboration with Prof. Craig Johnson and Prof. Simon Wotherspoon, to estimate how thresholds of transitions between alternative states vary in relation to the nature of drivers of change (natural vs. anthropogenic) and environmental context (pristine vs. degraded habitats).

University of Palermo, Dept. of Earth and Marine Science, via Archirafi 22, 90123, Palermo

University of Tasmania, IMAS Waterfront Building, 20 Castray Esplanade, Battery Point TAS 7004

c/o

01/06/2016 - 31/10/2016

Research contract for the university project EPICA

Field sampling and experimental analyses, to investigate facilitation cascades of habitat-forming species.

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

01/02/2013 - 31/01/2016

Researcher with the FIRB project HI-BEF - Responsible for Pisa unit

Unveiling hidden relationships between biodiversity and ecosystem functioning in Mediterranean rocky reefs

Research activity to investigate mechanisms regulating the transitions between canopy- or turf-dominated assemblages and barren habitats promoted by sea urchins.

Guidance of manipulative and correlative field studies in the Tyrrhenian Sea, to assess the relative role of different herbivore species, topographical features, and sources of disturbance in triggering the shift between alternative states.

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

17/04/2012 - 31/01/2013

Free task - Collaboration with the EU 7th framework project CoCoNet

Attendance to (virtual) workshops, participation to workshop organization, collection of datasets from project partners and early development of a database

CoNISMa, Piazzale Flaminio 9, 00196, Roma

01/02/2012 - 31/01/2013

Post-doctoral fellow with the EU 7th framework project VECTORS

Effects of extreme climatic events on marine biodiversity

Development of a geo-referenced database, to examine the effects of extreme climatic events and anthropogenic impacts on the spatial-temporal patterns of distribution of jellyfish outbreaks in the Mediterranean Sea. Experimental fieldwork in the Tuscany region, to assess variability in the impact of an invasive seaweed species along a gradient of habitat degradation.

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

20/07/2009 - 19/12/2011

Student fellow for the IMELS

Analysis of marine biodiversity in the Mediterranean Sea through synthetic analysis of literature

Development of a geo-referenced database to examine the effects of interactions among environmental drivers on temporal and spatial patterns of biodiversity in marine coastal communities at the global scale. Manipulative experiments on invasive seaweeds.

Development of a geo-referenced data archive for the Tuscany Archipelago Park within the COREM project.

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

2010

Research contract for the project NaGISA, "Natural Geography in Shore Areas"

Development of a geo-referenced database, coupling anthropogenic impact estimates with biological data. Biological data had previously been collected on a global scale by an international project aiming at inventorying coastal biodiversity.

University of Alaska Fairbanks, 505 South Chandalar Drive, 757500, Fairbanks, AK 99775

01/03/2009 - 19/07/2009

Student fellow with the PRIN project BIORES - Resistance and resilience of coastal biodiversity to synergistic effects of environmental change

Manipulative experiments on sand dunes and in subtidal rocky reefs, to examine how natural assemblages respond to multiple disturbance processes and evaluate the onset of interactive effects, by simulating physical disturbances that differ naturally with respect to the level of spatial autocorrelation.

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

TEACHING EXPERIENCE

02/09/2019-07/09/2019

Training course on marine restoration in the Mediterranean

Practical and theoretical lessons "Are we ready for scaling up on Mediterranean macroalgal restoration? An insight from Mediterranean macroalgal canopies.

MARE outpost, Lungomare Cristoforo Colombo, 73039 Tricase (Lecce)
organized by Marche Polytechnic University, via Breccie Bianche, 60131 Ancona

07/12/2017

Invited seminar - course in Communities and Ecosystems, Master's degree in Marine Biology

Prof. Massimo Ponti, Prof. Alberto Barausse

Macroecology: latitudinal gradients of biodiversity

University of Padova, Dept. of Biology, Via 8 febbraio 2, 35122, Padova

01/03/2017 - 31/05/2017

Course in Communities and Ecosystems, Master's degree in Marine Biology with Prof. Massimo Ponti

The course examined the structure and function of ecological systems, focusing on the effects of abiotic processes, biotic interaction, and anthropogenic pressures in shaping marine systems. The course included the exploration of general theories and of the experimental evidence supporting them. I taught this course to 4th year students

University of Padova, Dept. of Biology, Via 8 febbraio 2, 35122, Padova

13/05/2016 Teaching assistant - course in Ecology, Bachelor's degree in Biological Sciences
Prof. Fabio Bulleri

Seminar: Marine macroecology and climate change

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

13/01/2016 Invited talk - course in Systems Ecology, Bachelor's degree in Management of Environment and Territory
Prof. Luigi Piazzì

Transitions among barrens, canopies and algal turfs: an overview of HI-BEF results

University of Sassari, Dept. of Nature and Territory Sciences, Via Piandanna 4, 07100, Sassari

10/2013 - 12/2014 Course in Marine Macroecology, Master's degree in Marine Biology

The course explored large-scale patterns of species distribution in the world oceans, along with explanatory theories linking environmental and ecological processes to large-scale diversity gradients and human-caused alterations of macroecological patterns. The course included the exploration of statistical methods, basis of remote sensing and GIS. I taught this course to 5th year students

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

20/01/2011 - 15/05/2011 Teaching assistant - course in Ecology, Bachelor's degree in Biological Sciences
Prof. A Castelli, Prof. L Benedetti-Cecchi

Field assistance to visual sampling of benthic species on intertidal rocky shores
Laboratory assistance to statistical analysis of data with R Cran

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

2007 Teaching assistant - course in Experimental ecology and laboratories, Master's degree in Environmental Sciences
Prof. L Benedetti-Cecchi

Field assistance to visual sampling of benthic species on intertidal rocky shores
Laboratory assistance to statistical analysis of data with R Cran

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

2006 - 2014 Seminar - course in Ecology and Marine Biology II, Master's degree in Environmental Sciences
Prof. A Castelli, Prof. L Benedetti-Cecchi, Prof. F Bulleri

Biotic invasions

Ecological effects of disturbance events on multiple spatial scales

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

EDUCATION

01/01/2006 - 09/01/2009 PhD in Evolutionary Biology (Marine Ecology)

Autocorrelation and variance of ecological processes as causes of change of biodiversity in marine coastal habitats - Tutor: prof. L Benedetti-Cecchi

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

2008 Intermediate GRASS, introduction to GIS techniques of territorial analysis with raster and vectorial data. Teachers: I Marchesini, P De Rosa

Gfosservices (Associazione Italiana per l'Informazione Geografica Libera - Geographic Free /Open-Source Software), Perugia

04/09/2006 - 15/09/2006 Detecting changes in biodiversity: experimental design and data analysis. Prof. MJ Anderson, L Benedetti-Cecchi, KR Clarke, RN Gorley

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

25/10/2005 Master's degree in Marine Biology

Experimental analysis of the relationship between invasiveness and biodiversity: the example of *Caulerpa racemosa* (Forsskål) J. Agardh var. *cylindracea* (Sonder) Verlaque, Huisman et Boudouresque along the coast of Livorno. Tutors: Prof. L Benedetti-Cecchi, F Bulleri, grade: 110/110 cum laude

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

25/05/2004 - 11/06/2004 Oceanographic cruise organized by CNR (Italian National Research Council)

Vessel URANIA, CLC Vincenzo Lubrano L Participation to sampling activity of CDOM in the Tyrrhenian Sea (Civitavecchia-Catania, Italy). Tutor: Prof. A Seritti, CNR Pisa, Institute of Biophysics

University of Pisa, Dept. of Biology, Lungarno Pacinotti 43, 56126, Pisa

21/07/2003 Bachelor's degree in Biological Sciences, course of animal biology

Effects of a predator on the concentration of corticosteroids in swallow (*Hirundo rustica*) eggs. Tutor: Prof. N Saino, grade: 110/110 cum laude

University of Milano, via Festa del Perdono 7, 20122 Milano

PERSONAL SKILLS

Mother tongue	Italian
Other languages	Fluent English German - beginner
Communication skills	I have great attitude to cooperate and to work in a multicultural environment, and I have no difficulties in adapting to different contests and to travel extensively. By participating to several European and international projects and collaborating with international teams, I developed a good capacity to communicate specialized information and to organize scientific activities. In my spare time, I did voluntary work as a first-aid rescuer by the "Associazione Volontari di Pronto Soccorso di Vimercate", Milano (2000-2003). From 2007 to 2016, I've been assistant-free diving instructor by the association "Centro Sub Pisa", Pisa.
Organisational skills	I have an in-depth experience in the organization of field research activity, where I demonstrated my abilities to conceptualize problems, identify and implement solutions, and I positively tested my capacity to work at remote sites. During the HIBEF project, I regularly led and organized field campaigns on Capraia Island, coordinating the activities of students and staff. Since 2012, I drive a 6m inflatable that enables fieldwork. I participated to the organization of an international course and of several workshops held in Pisa. I supervised several master (2) and bachelor (6) thesis in marine ecology, introducing Italian and foreign students (17) to scientific diving activity, experimental fieldwork and academic writing.
Computer skills	Basic software (Microsoft Office, OpenOffice, LaTeX), statistical software (R CRAN, WinGMAV5, Primer, PERMANOVA, JMP), literature archives (Reference Manager, EndNote), GIS analysis (GRASS, ArcGIS, MGET tools, QuantumGIS), databases (PostgreSQL, Access). Elementary knowledge of Linux (Ubuntu) and good

knowledge of Mac OSX.

Licences Italian driving licence B
 2010 Basic Life Support and First Aid Provider (DAN)
 2007 Assistant free-diving instructor (Apnea Academy)
 2004 Deep diving - to 40 m (ESA)
 2004 Advanced Diver (ESA)
 2003 Open Water Diver (SSI)

SCIENTIFIC ACTIVITY

Publications in
 International journals

Colletti A, Savinelli B, Di Muzio G, Rizzo L, Tamburello L, Frascchetti S, Musco L, Danovaro R. (2020) The date mussel *Lithophaga lithophaga*: Biology, ecology and the multiple impacts of its illegal fishery. *Science of the Total Environment* 744: 140866 doi: 10.1016/j.scitotenv.2020.140866

Guarnieri G, Bevilacqua S, Figueras N, Tamburello L, Frascchetti S (2020) Large-scale sea urchin culling drives the reduction of subtidal barren grounds in the Mediterranean Sea. *Frontiers in Marine Science*, 7:519 doi: 10.3389/fmars.2020.00519

Rilov G, Frascchetti S, Gissi E, Pipitone C, Badalamenti F, Tamburello L, Menini E, Goriup P, Mazari AD, Garrabou J, Benedetti-Cecchi L, Danovaro R, Loiseau C, Claudet J, Katsanevakis S (2020) A fast-moving target: achieving marine conservation goals under shifting climate and policies. *Ecological Applications*, 30(1): e02009 doi: 10.1002/eap.2009

Tamburello L, Papa L, Guarnieri G, Basconi L, Zampardi S, Scipione MB, Terlizzi A, Zupo V, Frascchetti S (2019) Are we ready for scaling up restoration actions? An insight from Mediterranean macroalgal canopies. *PLoS ONE*, 14(10): e0224477 doi: 10.1371/journal.pone.0224477

Tamburello L, Ravaglioli C, Mori G, Nuccio C, Bulleri F (2019) Enhanced nutrient loading and herbivory do not depress the resilience of subtidal canopy forests in Mediterranean oligotrophic waters. *Marine Environmental Research*, 149: 7-17 doi: 10.1016/j.marenvres.2019.05.015

Bulleri F, Tamburello L, Pusceddu A, Bonechi L, Cau A, Moccia D, Gribben PE (2018) Fragment quality and sediment organic loading regulate the survival of an invasive, clonal seaweed. *Biological Invasions*, 20: 1953-1959 doi: 10.1007/s10530-018-1685-4

Falace A, Tamburello L, Guarnieri G, Kaleb S, Papa L, Frascchetti S (2018) Effects of a glyphosate-based herbicide on *Fucus virsoides* (Fucales, Ochrophyta) photosynthetic efficiency. *Environmental Pollution*, 243: 912-918. doi: 10.1016/j.envpol.2018.08.053

Ravaglioli C, Lauritano C, Buia MC, Balestri E, Capocchi A, Fontanini D, Pardi G, Tamburello L, Procaccini G, Bulleri F (2017) Nutrient loading fosters productivity under ocean acidification. *Scientific Reports* 7, 13732 doi: 10.1038/s41598-017-14075-8

Bulleri F, Benedetti-Cecchi L, Ceccherelli G, Tamburello L (2017) A few is enough: a low cover of the non-native seaweed *Caulerpa cylindracea* reduces the resilience of Mediterranean macroalgal stands to disturbances of varying extent. *Biological Invasions* 19: 2291-2305 doi:10.1007/s10530-017-1442-0

Benedetti-Cecchi L, Canepa A, Fuentes V, Tamburello L, Purcell JE, Piraino S, Roberts J, Boero F, Halpin P (2015) Deterministic factors overwhelm stochastic environmental fluctuations as drivers of jellyfish outbreaks. *PLoS ONE* 10(10):e0141060 doi: 10.1371/journal.pone.0141060

Publications in
International journals

- Benedetti-Cecchi L, Tamburello L, Maggi E, Bulleri F (2015) Experimental perturbations modify the performance of early warning indicators of regime shift. *Current Biology* 25:1867-1872 doi: 10.1016/j.cub.2015.05.035
- Tamburello L, Maggi E, Benedetti-Cecchi L, Bellistri G, Rattray AJ, Ravaglioli C, Rindi L, Roberts J, Bulleri F (2015) Variation in the impact of non-native seaweeds along gradients of habitat degradation: a meta-analysis and an experimental test. *Oikos* 124: 1121-1131 doi: 10.1111/oik.02197
- Tamburello L, Bulleri F, Balata D, Benedetti-Cecchi L (2014) The role of overgrazing and anthropogenic disturbance in shaping spatial patterns of distribution of an invasive seaweed. *Journal of Applied Ecology* 51(2): 406-414 doi: 11/1365-2664.12199
- Tamburello L, Bulleri F, Bertocci I, Maggi E, Benedetti-Cecchi L (2013) Reddened seascapes: experimentally induced shifts in 1/f spectra of spatial variability in rocky intertidal assemblages. *Ecology* 94(5): 1102-1111 doi: 10.1890/12-1293.1
- Tamburello L, Benedetti-Cecchi L, Masini L, Bulleri F (2013) Habitat heterogeneity promotes the coexistence of alien seaweeds. *Oecologia* 172: 505-513 doi: 10.1007/s00442-012-2510-x
- Fantozzi L, Ferrara R, Dini F, Tamburello L, Pirrone N, Sprovieri F (2013) Study on the reduction of atmospheric mercury emissions from mine waste enriched soils through native grass cover in the Mt. Amiata region of Italy. *Environmental Research* 125: 69-74 doi: 10.1016/j.envres.2013.02.004
- Tamburello L, Benedetti-Cecchi L, Ghedini G, Alestra T, Bulleri F (2012) Variation in the structure of subtidal landscapes in the NW Mediterranean Sea. *Marine Ecology Progress Series* 457: 29-41 doi: 10.3354/meps09703
- Benedetti-Cecchi L, Tamburello L, Bulleri F, Maggi E, Gennusa V, Miller M (2012) Linking patterns and processes across scales: the application of scale transition theory to algal dynamics on rocky shores. *Journal of Experimental Biology* 215: 977-985 doi: 10.1242/jeb.058826
- Bulleri F, Alestra T, Ceccherelli G, Tamburello L, Pinna S, Sechi N, Benedetti-Cecchi L (2011) Determinants of *Caulerpa racemosa* distribution in the north-western Mediterranean. *Marine Ecology Progress Series* 431: 55-67 doi: 10.3354/meps09137
- Pohle G, Iken K, Trott T, Konar B, Cruz-Motta JJ, Wong M, Benedetti-Cecchi L, Mead A, Miloslavich P, Mieszkowska N, Milne R, Tamburello L, Knowlton A, Kimani E, Shirayama Y (2010) Aspects of benthic decapod diversity and distribution from rocky nearshore habitat at geographically widely dispersed sites. *PloS ONE* 6(4): e18606 doi: 10.1371/journal.pone.0018606
- Benedetti-Cecchi L, Iken K, Konar B, Cruz-Motta JJ, Knowlton A, Pohle G, Castelli A, Tamburello L, Mead A, Trott T, Miloslavich P, Wong M, Shirayama Y, Lardicci C, Palomo G, Maggi E (2010) Spatial relationships between Polychaete assemblages and environmental variables over broad geographical scales. *PloS ONE* 5(9): e12946 doi: 10.1371/journal.pone.0012946
- Bulleri F, Balata D, Bertocci I, Tamburello L, Benedetti-Cecchi L (2010) The seaweed *Caulerpa racemosa* on Mediterranean rocky reefs: from passenger to driver of ecological change. *Ecology* 91: 2205-2212 doi: 10.1890/09-1857.1
- Bulleri F, Tamburello L, Benedetti-Cecchi L (2009) Loss of consumers alters the effects of resident assemblages on the local spread of an introduced macroalga. *Oikos* 118: 269-279 doi: 10.1111/j.1600-0706.2008.16955.x

- Other publications Boero F, Fogliani F, Fraschetti S, and the CoCoNet consortium (2016) CoCoNet: towards coast to coast networks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential. *SCientific RESearch and Information Technology* 6 (Supplement 2016):1-95 doi: 10.2423/i22394303v6Sp1
- Lauritano C, Bulleri F, Ravaglioli C, Tamburello L, Buia MC, Procaccini G (2015) Antioxidant and stress-related genes in the seagrass *Posidonia oceanica* in the vicinity of natural CO₂ vents at different nutrient conditions. *PeerJ PrePrints* 3:e1300 doi:10.7287/peerj.preprints.1060v1
- Maggi E, Bertocci I, Bulleri F, Tamburello L, Benedetti-Cecchi L (2009) Venti anni di ecologia sperimentale lungo le coste di Calafuria (Livorno). *Atti della Società Toscana di Scienze Naturali - Memorie serie B* 116: 105-109
- Tamburello L, Benedetti-Cecchi L. (2007) Distribuzione spaziale di popolamenti di alghe ed invertebrati di costa rocciosa in relazione a cambiamenti nella composizione spettrale di eventi di disturbo. *Atti del 6° Congresso Nazionale della Società Italiana di Biometria*, pp.139-143
- Presentations
Posters in
Scientific Congresses Bianchelli S, Buschi E, Tamburello L, Bulleri F, Danovaro R, Pusceddu A. Meiofaunal colonization in degraded alternative states: the case study of barren grounds and *Cystoseira* sp. at Capraia Island. *Biodiversity: concepts, new tools and future challenges*, SITE-UZI-SIB Conference 30/08-02/09/2016, Milano, IT
- Bulleri F, Ceccherelli G, Tamburello L, Piazzoli L. Limpets compensate sea urchin collapse and sustain the stability of subtidal barrens in the face of enhanced nutrient loading. 11th International Temperate Reefs Symposium, 26-30/06/2016, Pisa, IT
- Tamburello L, Ravaglioli C, Bonaviri C, Pinna S, Bianchelli S, Benedetti-Cecchi L, Ceccherelli G, Gianguzza P, Pusceddu A, Bulleri F. Context-dependency in the effects of human perturbations on subtidal macroalgal forests. *Ecology at the interface EEF/SItE Conference* 21-25/09/2015, Roma, IT
- Tamburello L, Ravaglioli C, Bonaviri C, Pinna S, Bianchelli S, Benedetti-Cecchi L, Ceccherelli G, Gianguzza P, Pusceddu A, Bulleri F. Context-dependency in the effects of human perturbations on subtidal macroalgal forests. *Aquatic Biodiversity and Ecosystems* 30/08-04/09/2015, Liverpool, UK
- Tamburello L, Dal Bello Martina, Benedetti-Cecchi L. The role of overgrazing and anthropogenic disturbance in shaping spatial patterns of distribution of an invasive seaweed. 10th International Temperate Reefs Symposium 13-17/01/2014, Perth, AUS
- Tamburello L, Dal Bello Martina, Benedetti-Cecchi L. Realization of a geo-referenced database on marine biodiversity of the Tuscany Archipelago Marine Protected Area. *COREM, La tutela della biodiversità marina in Mediterraneo, esperienze a confronto*, 14-15/12/2012 Portoferraio, IT
- Tamburello L, Bertocci I, Bulleri F, Gennusa V, Maggi E, Benedetti-Cecchi L. Patterns of algal turf following disturbance of canopy assemblages: the interactive effects of multiple processes varying in spatial autocorrelation. 9th International Temperate Reefs Symposium, 26/06-01/07/2011, Plymouth, UK
- Benedetti-Cecchi L, Tamburello L, Mora C, Lotze HK, Iken K, Worm B, Cruz-Motta JJ, Konar B, Bertocci I, Schmidt AL, Airoldi L, Blanchette C, Best B, Burrows M, Fraschetti S, Raimondi P, Roberts J, Schiel D, Terlizzi A, Ugland KI, Wieters E. Environmental drivers of beta diversity in marine ecosystems. Poster presented to "A Decade of Discovery - Census of Marine Life 2010", 4-6/10/2010, London, UK

- Presentations
Posters in
Scientific Congresses
- Benedetti-Cecchi L, Tamburello L, Bulleri F, Bertocci I, Maggi E, Vaselli S. Manipulating the spatial autocorrelation of ecological processes to understand pattern formation at multiple scales: an example with algal assemblages on rocky reefs. 18° Congresso della Società Italiana di Ecologia "Ecologia, Emergenza, Pianificazione", 1-3/09/2008, Parma, IT
- Tamburello L, Benedetti-Cecchi L. Distribuzione spaziale di popolamenti di alghe ed invertebrati di costa rocciosa in relazione a cambiamenti nella composizione spettrale di eventi di disturbo. 6° Congresso Nazionale della Società Italiana di Biometria, 20-22/06/2007, Pisa, IT
- Participation to
Projects
- 2020 - MME T-MEDNet: Mass mortality events in Mediterranean marine coastal ecosystems. A collaborative database and synthesis initiative promoted by the MedRecover research group
- 2019 - COST ACTION CA15121 - WG 2 - Present challenges and limitations in marine conservation, supported by the European Community
- 2019 - EMFF (Sustainable Blue Economy) project AFRIMED, Algal Forest Restoration In MEDiterranean sea, supported by the European Community
- 2018 - 2019 InterregMED project AMARE, A multicultural approach to resilience, supported by the European Community
- 2017 - Horizon 2020 project MERCES, Marine Ecosystem Restoration in Changing European Seas, supported by the European Community
- 2016 Pisa University project EPICA - Epiphytism and facilitation cascades in macroalgal assemblages
- 2013 - 2016 Responsible for Pisa Unit in the FIRB project HI-BEF, supported by MIUR
Principal investigator: C Bonaviri (University of Palermo); scientific coordinators: S Bianchelli (University of Marche), S Pinna (University of Sassari); in collaboration with A Sandionigi (University of Milano - Bicocca)
- 2013 - 2016 PRIN project TETRIS (Osservazioni, analisi sperimentali e modellizzazioni per la gestione di impatti multipli nei sistemi costieri), supported by MIUR
- 2012 - 2013 7th framework project CoCoNet, Towards Coast to Coast Networks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential, supported by the European Community
- 2011 - 2013 7th framework project VECTORS, Vectors of Change in Oceans and Seas Marine Life, Impact on Economic Sectors, supported by the European Community
- 2011 - 2012 CoREM, a cooperative project for ecological networks in the Mediterranean Sea, aiming at individuating biodiversity hotspot in the Tuscany Archipelago and compiling a geo-referenced database, project within the Programma Operativo Strategico Italia - Francia Marittimo 2007/2013
- 2008 - 2010 PRIN project BIORES (Resistance and resilience of coastal biodiversity to synergistic effects of environmental change on a local and global scale), supported by MIUR
- 2008 - 2010 Synthesis (cross project between NaGISA and FMAP) entitled "Interactions among multiple drivers of change of marine coastal biodiversity", a Census of Marine Life Ocean Realm Field Project, supported by the Sloan Foundation
- 2005 - 2010 NaGISA (Natural Geography In Shore Areas): a Census of Marine Life Ocean Realm Field Project, supported by the Sloan Foundation
- 2005 - 2008 EMPAFISH, European Marine Protected Areas as tools for fisheries management and conservation project, supported by the European Community
- Participation to
Workshops
- 16-18/10/2012 Species distribution, beta diversity and connectivity in Mediterranean and Black Sea, led by L Benedetti-Cecchi within the CoCoNet project, Castiglione (LI), IT
- 23-30/07/2012 VIRTUAL Focused Workshop: Existing EU protocols and standards for data and metadata sharing, rules for dataflow between partners and design of CoCoNet Data Model, led by F Fogliini (CNR, ISMAR) and D Tezcan (IMS-METU)
- 17-18/05/2012 GIS technical meeting: Design rules for data sharing and geodatabase architecture, led by F Fogliini (CNR, ISMAR) within the CoCoNet project, Lecce, IT

- Participation to Workshops
- 15-16/05/2012 Habitat classification schemes in deep and shallow water areas, led by S Fraschetti (University of Salento) within the CoCoNet project, Lecce, IT
 - 18-19/04/2012 Coastal observing and forecasting systems, today & tomorrow, organized by LaMMA Consortium within the EU funded MOMAR project - "Integrated system for monitoring and control of the marine environment", Livorno, IT
 - 16-18/09/2009 Ocean Biology Observatories, organized by the SCOR Panel on new technologies for observing marine life (Scientific Committee on Oceanic Research), Mestre, IT
 - 23-25/06/2009 Workshop for the project NaGISA/FMAP Synthesis organized by the Marine Geospatial Ecology Lab (MGEL), Duke University, Durham, NC 27708, US
 - 27-29/04/2006 EMBED (Environmental Modulation Biodiversity and Ecosystem Dynamics) organized by EuroCoML, Pisa, IT
- Reviewer for
- Aquaculture Environment Interactions, Biological Invasions, Botanical Journal of the Linnean Society, Ecology Letters, Environmental Conservation, Estuarine Coastal and Shelf Science, Hydrobiologia, Journal of Experimental Marine Biology and Ecology, Marine Biology, Marine Ecology Progress Series, Marine Environmental Research, Mediterranean Marine Science, Marine Pollution Bulletin, PlosOne, Restoration Ecology, Scientific Reports, Cahiers de Biologie Marine

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".