

Elisa Baldrighi

Present Position

International Post-doctoral fellowship within the WATERCARE Interreg project (www.italy-croatia.eu/watercare) at IRBIM-CNR, National Research Council - Institute of Marine Biological Resources and Biotechnologies. Scientific responsible: Dr. Elena Manini

Since 2018 Freelance expert in benthic ecology (meiofauna ad macrofauna) and marine benthic impact evaluation at MAaR (<http://elisabaldrighi.strikingly.com>).

Research interests

- 1) Ecology and taxonomy of benthic meiofauna and macrofauna, with particular attention to deep-sea systems and extreme shallow and deep-sea environments
- 2) Nature of the interactions between different benthic components i.e., micro-, meio- and macrofauna
- 3) Relationship between benthic biodiversity, functional diversity and ecosystem functioning considering different spatial scales and environments
- 4) Assessment of the ecological quality status and evaluation of the impacts (natural and anthropogenic) on benthic environments through benthic organisms i.e., microbes, meiofauna and nematofauna, macrofauna.

Work skills

- 1) Offshore sampling activities: micro- meio- and macrofauna sample collection and environmental parameter acquisition (e.g. organic matter, grain size) sediment sampling (MUC, Box-corer, grab, scuba diving). Use of O₂, pH and Redox probes.
- 2) Set-up of meio- and macrofauna laboratories
- 3) Extraction, classification and determination of biomass of meio- and macrofauna organisms
- 4) Identification of nematodes (morphological identification including preparation of
- 5) permanent slides, optical and scanning electron microscopy) and macrofaunal organisms (morphological identification)
- 6) Operational knowledge of stable isotope technique for the study of benthic trophic web
- 7) Operational knowledge of microbial techniques for microbial standing stock assessment (analysis of abundance and biomass) and DNA extraction from sediment, water column and from organic tissue (i.e. microbiome)
- 8) Analysis of environmental parameters: organic matter and *Chl-a* sediment content; grain size
- 9) Manipulation of ecological datasets and statistical analyses
- 10) Writing of scientific papers/reports
- 11) Teaching (different levels)
- 12) Scientific outreach for different audiences
- 13) Organization of scientific meetings
- 14) Management of relations with national and international private companies and public research entities

Key figures

- 15 peer-reviewed publications (11 as first author), H-index 7.

- **Guest editor** of the special issue ‘*The Impact of Treated Urban Wastewaters and Flood Discharge on the Quality of the Bathing Water*, **WATER** (MDPI)
- **Editorial board** of the journals *Sustainability* and Marine Biology Section of *Biology*, **Referee** for 11 scientific journals (Deep-Sea Research Part I, Metals, Marine Biology, Frontiers in Marine Science, Water, JEMBE, Limnology & Oceanography, Marine Biodiversity, Marine Biology Research, Scientia Marina, MARSYS)
- **14** oceanographic cruises and **>20** daily cruises
- Participation to **15** national and international projects (**2 as Principal Investigator**: Assemble Plus 7th and 8th calls - MEBOX and MEBOXtour projects);
- **Post-doc research experiences**: **4** years Italy (CNR-IRBIM, Ancona); **2** years France (LEP Ifremer - IUEM)
- **Participation to 30** national and international **meetings and conferences** with a total of **15** oral presentations and **2** posters as first author
- Since 2006 several seminars and laboratory activities with students (Master 1 and 2; high-school students) on benthic ecology, deep-sea ecology, anthropogenic impact and risk assessment on marine environment.
- Tutoring of 2 Master 2 thesis and Tutor of 8 stage (3 Master 1 and 5 Master 2 students)
- **8** collaboration contracts as free-lance with private and public entities (ETS, EDISON, API, ARPA Marche and ARPA Sardegna, UNIVPM, DeepGreen Inc., Ifremer)
- Organizer of BALMAS info-day (2015); WATERCARE info-day (2021), Researcher’s Night (2015) and co-organizer of several project meetings;
Chair for the Working Group *Healthy&Clean Ocean* for the EU4Ocean platform (<https://webgate.ec.europa.eu/maritimeforum/>);
Steering committee member of OLI (www.oceanliteracyitalia.it), the Italian Society of Ocean Literacy

EDUCATION

- 2013**: Polytechnic University of Marche. Ph.D. in Marine Biology and Ecology. Title: *Macrofauna biodiversity and ecosystem functioning in the deep-sea Mediterranean sediments: analysis at different spatial scales*. 256 pp. Advisor: Prof. A. Pusceddu; Co-advisor: Dr. E. Manini
- 2007**: Polytechnic University of Marche. Master Degree in Marine Biology (110/ 110 with honours). Title: *Meiofauna biodiversity and organic matter in the deep-sea Tyrrhenian sediments*. Advisor: Prof. A. Pusceddu
- 2005**: Polytechnic University of Marche. Degree in Marine Biology and Oceanography (110/110). Title: *Deep-sea Biodiversity and ecosystem functioning along the European continental margins*. Advisor: Prof. R. Danovaro

2001: Liceo Linguistico ‘Melchiorre Gioia’, Piacenza (secondary school of foreign languages; 98/100)

RESEARCH ACTIVITIES

15/09/2020- Present: CNR-IRBIM (Ancona) – Post doc fellowship on the project WATERCARE “*WATER MANAGEMENT SOLUTIONS FOR REDUCING MICROBIAL ENVIRONMENT IMPACT IN COASTAL AREAS*” (UE-INTERREG ITALIA-CROAZIA CBC ROGRAMME) (<https://www.italy-croatia.eu/web/watercare>). **Duties:**

- Evaluation of microbial impact along coastal waters affected by discharge of polluted waters
- Field sampling activities
- Laboratory analysis (microbial contamination, nutrients in the water column)
- Responsible of Communication and Dissemination activities for the project

Scientific responsible: Dr. Elena Manini

01/09/2019 – 30/08/2020: CNR-IRBIM (Ancona) – Post doc fellowship on the project CATCHUP FISH “*Tecniche di pesca sostenibile nella Laguna di Lesina*” (<https://catchupfish.it/>). **Duties:**

- Study of microbiome of commercial species that live in the Lesina Lagoon and the
- Microbial characterization of the sediments and water column
- Interaction with benthic communities

Scientific responsible: Dr. Elena Manini

01/2017- 01/2018: Ifremer (Brest, France). Post-doctoral researcher. Project: PIONEER *Prokaryote–nematode Interaction in marine extreme environments: a unique source for Exploration of innovative biomedical applications*” (https://wwz.ifremer.fr/pioneer_eng/Presentation).

Duties:

- Meiofauna and nematofauna analysis (abundance, distribution, diversity) inhabiting extreme environments from shallow to deep-sea systems
- Nematode identification through light microscopy and SEM
- Sediments analyses: granulometry, organic matter content, TOC
- Meiofauna sampling
- Set up of laboratory experiments to explore the relation between nematodes and prokaryotes
- Data elaborations, production of scientific reports and scientific papers

Scientific responsible: Dr. Daniela Zeppilli

09/2016 – 12/2016: UBO - Université de Bretagne Occidentale. LabexMER grant, Research fellow. Project: Axis 3 “Geobiological interactions in extreme environments”. MEDEA “*Macrofaunal and meiofaunal interactions in Deep-sea hydrothermal vents: focus on colonisation Experiments at the Lucky Strike hydrothermal vent field*”.

Duties :

- Study of macro- and meiofaunal interactions in deep-sea hydrothermal vents: meio- and macrofauna analyses, counting and identification
- Data elaborations, production of scientific papers and oral presentation (*Labex Day*)

Scientific responsible: Dr. Daniela Zeppilli and Dr. Jozée Sarrazin

05/2016 – 08/2016: Ifremer, Brest, France. Research fellowship as ‘Visiting Scientist’. Project: MEDEA “*Macrofaunal and meiofaunal interactions in Deep-sea hydrothermal vents: focus on colonisation Experiments at the Lucky Strike hydrothermal vent field*”.

Duties :

- Study of macro- and meiofaunal colonization processes in deep-sea hydrothermal vents
- Meiofauna and macrofauna identification
- Data elaborations and production of scientific papers

Scientific responsible: Dr. Daniela Zeppilli and Dr. Jozée Sarrazin

05/2014-04/2016: CNR-ISMAR, Ancona. Post-doctoral Researcher. Project: BALMAS “*Ballast Water management system for Adriatic Sea protection*” (www.balmas.eu).

Duties:

- Risk assessment for the introduction of pathogens in the Adriatic Sea from ballast waters and their interaction with macrobenthic and meiobenthic organisms from coastal waters.
- Responsible of WP2 for the Italian groups: Communication and Dissemination plan, organization of meetings, conferences and scientific seminars for stakeholders, researchers and students.
- Scientific coordinator of WP 5.3: Harmful aquatic organisms and pathogens impacts in the Adriatic Sea. Coordination of sampling activities; laboratory analyses of meio- and macrobenthic communities and sediments (organic matter content, grain size).
- Data elaborations, production of scientific papers and annual reports

Scientific responsible: Dr. Elena Manini

07/2013 – 12/2013: Consorzio Nazionale Interuniversitario di Scienze del Mare (CoNISMAR). Research fellowship. Project: PORTO TRAPANI II.

Duties:

- Analyses of meio- and macrobenthic communities from impacted Adriatic sea port areas - sorting, counting and identification of organisms. Focus on nematode taxonomy.
- Analysis of sediments – organic matter content as proteins, lipids and carbohydrates; Chl-a content; grain size
- Data elaborations

Scientific responsible: Prof. Francesco Regoli

04/2013 – 06/2013: Società Cooperativa ‘Mare Ricerca’ a.r.l. – CNR-ISMAR (Ancona). Short term research contract.

Duties:

- Monitoring of coastal areas and assessment of the impact of off-shore oil plants in the Adriatic Sea through the macrofaunal communities (distribution and taxonomy).
- Field sampling activities on board (TecnoPesca - CNR vessel) and macrofauna samples processing.

Scientific responsible: Dr. Gianna Fabi

2009-2013: Polytechnic University of Marche. Doctoral fellowship. Project: BIOFUN

- Characterization of deep-sea macrobenthic communities from the deep Mediterranean sea and Atlantic Ocean. Numerous field activities for samples collection (national and international oceanographic cruises); laboratory analyses of macrofauna organisms (sorting, counting, identification and biomass).
- Characterization of sediments – organic matter content, microbial content, microbial production, grain size
- Work experience at the Royal Netherland Institute for Sea Research (NIOZ), Texel. Supervisor Dr. M. Lavaleye. Deep-sea macrobenthic taxonomy and ecology from Mediterranean Sea and Atlantic Ocean. Field activity: collecting and samples processing of deep-sea sediments and water during several oceanographic cruises in collaboration with the NIOZ.
- Work experience at the Netherlands Institute of Ecology (NIOO-KNAW), Yerseke. Supervisor Dr. L. Moodley. Research subject: stable isotopes techniques and analyses on macrobenthic organisms from the deep Mediterranean Sea (trophic web characterization).
- Data elaboration, annual oral presentations during meetings and congresses
Scientific responsible: Prof. Antonio Pusceddu and Dr. Elena Manini

05/2007-12/2008: ETS – EcoTechSystem s.r.l. (Ancona). Short term job contracts. **Four Projects:** POR MIDAN (6 months), POR CAINO (5 months), APIOIL (5 months), CSA BRINDISI (3 months).

Duties:

- Seasonal monitoring and assessment of environmental suitability for off-shore aquaculture in the coastal Adriatic area and lagoons.
- Characterization of the benthic system: meiofauna and macrofauna distribution and biodiversity, organic matter loads effect on the benthic compartment.
- Scientific reports writing and arrangement of several field activities.

Scientific responsible: Dr. Monica Armeni

FREELANCE CONTRACTS as benthic ecology expert

[upcoming] 27/04/2021 – 01/06/2021: DeepGreen Inc. (now The Metals Company). Second benthic science campaign in the Pacific to the NORI-D area to establish the environmental baselines that document biodiversity, biology and ecology in the polymetallic nodule fields (<https://deep.green/deep-sea-science-program>).

Duties:

- Meiofauna sampling leader
- Sampling activities on board i.e., meiofauna (1st priority), macrofauna and geochemistry (as assistant)

Scientific PI: Dr. J. Ingels, FSU

01/04/2021-23/04/2021: ETS - EcoTechSystems s.r.l. (Ancona). Job contract as freelance. ARPA Sardinia monitoring program - San Gilla Lagoon Sardinia.

Duties:

- Taxonomical characterization of macrobenthic communities inhabiting the impacted area of San Gilla Lagoon (Sardinia)
- Data elaboration

14/10/2020 – 01/12/2020: DeepGreen Inc. (now The Metals Company). First benthic science campaign to the NORI-D area in the central Pacific to establish the environmental baselines that document biodiversity, biology and ecology in the polymetallic nodule fields (<https://deep.green/deep-sea-science-program>).

Duties:

- Meiofauna sampling leader
- Sampling activities on board i.e., meiofauna (1st priority), macrofauna and geochemistry (as assistant)

Scientific PI: Dr. J. Ingels, FSU

01/10/2019 – 30/12/2019: Polytechnic University of Marche – Life Science Department (Ancona). Job contract as freelance. Project: ROSPO MARE_2019 (EDISON). **Duties:**

- Taxonomical characterization of macrobenthic communities inhabiting impacted areas along Adriatic coasts
- Data elaboration and statistical analyses and report writing

01/09/2019-04/10/2019: ETS - EcoTechSystems s.r.l. (Ancona). Job contract as freelance. ARPA Sicily monitoring program – Gala Port Sicily.

Duties:

- Taxonomical characterization of macrobenthic communities inhabiting the impacted area of Gala Port (Sicily)
- Data elaboration and brief report

08/2019-09/2019: ETS - EcoTechSystems s.r.l. (Ancona). Job contract as freelance. Offshore sampling campaign (slope area south-eastern of Sardinia island) on R/V Bourbon Emerald. Project: 19_28_BoDnt_Sardegna

Duties:

- Seabed imagery analysis for megafauna identification through a Remotely Operated Vehicle
- Data elaborations and production of a scientific report

08/2018 – 12/2018: Ifremer (Brest, Bretagne) - Institut Français de Recherche pour l'Exploitation de la Mer. Job contract as freelance. Project : PIONEER “*Prokaryote–nematode Interaction in marine extreme environments: a unique source for Exploration of innovative biomedical applications*”

Duties:

- Analysis of meiofaunal samples from a shallow pockmark area off Brittany (France)
- Meiofauna extraction, counting and taxa identification
- Data elaborations and production of a scientific report

06/2018-07/2018: ETS - EcoTechSystems s.r.l. (Ancona). Job contract as freelance. Offshore sampling campaign (slope area south-eastern of Sardinia island) on R/V Bourbon Emerald. Project: 050_SEA_18_BoDnt_Sardegna

Duties:

- Seabed imagery analysis for megafauna identification through a Remotely Operated Vehicle
- Data elaborations and production of a scientific report

HONOURS AND AWARDS

2021: ASSEMBLE Plus 8th TA call fellowship with the project *MEioBenthic response to OXYgen depletion in Atlantic TOURistic-impacted coastal areas and evaluation of sedimentary*

environment role in the development of hypoxia phenomena " (MEBOXtour) - Grant Agreement No. 730984

2020: ASSEMBLE Plus 7th TA call fellowship with the project *MEioBenthic response to OXYgen depletion and the role of sedimentary environment in the hypoxia phenomena.* (MEBOX) - Grant Agreement No. 13457.

2019 Best poster prize during the IRBIM DAY – Frascati, 9-10 October 2019

2016 Visiting Scientist at Ifremer, REM (Département Ressources physiques et Ecosystèmes de fond de Mer), EEP/LEP (Deep-Sea Environment Laboratory), Brest, France, with the project *Macrofaunal and mEiofaunal interactions in Deep-sea hydrothermal vents: focus on colonisation Experiments at the Lucky Strike hydrothermal vent field* (MEDEA)

2013 Research grant to attend the MeioScool2013 - Meiofauna International Workshop, Brest

2011 Research grant to attend the UZI (Unione Zoologica Italiana) Spring School at Istituto Veneto di Scienze Lettere ed Arti, Venice

2009 Students grant to attend the annual meeting for PhD Students in Ecology, University of Parma, in collaboration with A.I.O.L. (Italian Association of Oceanography and Limnology) and S.It.E. (Italian Society of Ecology)

SCIENTIFIC COLLABORATIONS

Polytechnic University of Marche

Prof. Francesco Regoli, ecotoxicology, DISVA, Ancona, Italy

Dr. Anna Annibaldi, marine chemistry, DISVA, Ancona, Italy

CNR-IRBIM

Dr. Marini Mauro, marine chemistry and pollutants, Ancona, Italy

Dr. Strafella Pierluigi, benthic ecology and macrofauna taxonomy, Ancona, Italy

CNR-ISMAR

Dr. Alvisi Francesca, geology, Ancona, Italy

University of Genoa

Dr. Marzia BO, Dr. Federico Betti and Dr. Francesco Enrichetti, zoology, megabenthos ecology and taxonomy, Genoa, Italy

University of Urbino Carlo Bo

Dr. Semprucci Federica, meiofauna benthic ecology and nematode taxonomy, Urbino, Italy

Prof. Maria Balsamo, zoology and meiofauna taxonomy, Urbino, Italy

Prof. Antonella Penna, Biomolecular Sciences, Urbino, Italy

OGS

Dr. Annalisa Franzo, benthic ecology and meiofauna, Trieste Italy

Parthenope University

Prof. Roberto Sandulli, benthic ecology and meiofauna, Naples, Italy

Federico II University

Prof. Anna di Cosmo, zoology, Naples, Italy

Prof. Donato Giovannelli, microbial ecology in extreme environments, Naples, Italy

National Institute of Biology

Dr. Mateja Grego, meiofauna ecology and copepode taxonomy expert, Piran, Slovenia

IUEM

Dr Jacques Grall, coastal ecology and macrofauna taxonomy, IUEM/UBO, Brest, France

Ifremer

Dr. Daniela Zeppilli, deep-sea meiofauna and nematode taxonomy and ecology, Brest, France

IOPAN

Prof. Piotr Kuklinski, Dr. Kasia Grzelak and Lech Kotwicki, benthic ecology, meiofauna and nematode taxonomy, Sopot, Poland (Assemble + project, 7th call)

University of Ghent

Dr. Carl Van Colen, benthic ecology and meiofauna, Ghent, Belgium (Assemble + project, 7th call)

Florida State University

Dr. Jeroen Ingels, meiofauna and nematode ecology, Florida

RESEARCH PROJECTS

2021 -2023 : **ARENA** - *Antibiotic REsistaNce and Pathogenic Signature in Marine and Freshwater Aquaculture Systems* – JPI project AquaticPollutats. **Role:** Team member/Collaborator

2021 -2022: **LESCAS** - *The LEbanese Submarine Canyon System connecting the shelf with the deep sea: physico-chemical-biological characterisation*” Italy-Libanon Scientific Cooperation Program, CNR – CNRS.

Role: WP leader – meiofauna ecology and distribution and **WP partner** – macrofauna ecology

2021-2023: **Blues_MED** - *Supporting the development of socially-inclusive Blue Challenges in schools in the Mediterranean sea-basin* – ERASMUS+ Project.

Role: Italian Team member

2021: **MEBOXtour** - *MEioBenthic response to OXYgen depletion in Atlantic TOURistic-impacted coastal areas and evaluation of sedimentary environment role in the development of hypoxia phenomena* " - ASSEMBLE Plus 8th TA Horizon 2020 program. **Role: Project leader**

2020: **MEBOX** - *MEioBenthic response to OXYgen depletion and the role of sedimentary environment in the hypoxia phenomena.* " - ASSEMBLE Plus 7th TA Horizon 2020 program. **Role: Project leader**

2019-2021: **WATERCARE** - “ *WATER MANAGEMENT SOLUTIONS FOR REDUCING MICROBIAL ENVIRONMENT IMPACT IN COASTAL AREAS*” – Interreg project Italy-Croatia -

Role: Post-doc Researcher

2019 -2020: **CATCHUP FISH** - *Tecniche di pesca sostenibile nella Laguna di Lesina – Regional Program*. **Role:** Post-doc Researcher

2017 – 2018: **PIONEER** *Prokaryote–nematode Interaction in marine extreme environments: a unique source for Exploration of innovative biomedical applications*” - TOTAL Foundation. **Role:** Post-doc Researcher

2016: **MEDEA** “*Macrofaunal and meiofaunal interactions in Deep-sea hydrothermal vents: focus on colonisation Experiments at the Lucky Strike hydrothermal vent field*” – LabexMer. **Role:** Post-doc Researcher

2014-2016: **BALMAS** –“*Ballast Water management system for Adriatic Sea protection*” - IPA Adriatic Program. **Role:** Post-doc Researcher.

2009-2012: **BIOFUN** - *Biodiv Ecosystem Funct Eu Deep-Sea Environments: from viruses to megafauna* – ESF. **Role:** PhD student

2007- 2008: **POR MIDAN** - Apulia Regional project. **Role:** Meiofauna Expert
POR CAINO - Apulia Regional project. **Role:** Meiofauna Expert
APIOIL – API Company. **Role:** Macrofauna and Meiofauna Expert
CSA BRINDISI – ENI Company. **Role:** Macrofauna and Meiofauna Expert

RESEARCH CAMPAIGNS AND FIELD WORK AT SEA

14 Oceanographic Cruises (OC) and over 20 Daily Cruises (DC). Sampling activities along Brittany coasts (2017 PIONEER project).

2006 “CORSARO’06 cruise”, Sicily Channel, R/V Urania. **OC**

2007 “VECTOR cruise”, Western Mediterranean deep-sea, R/V Urania. **OC**

2007-2008: 15 DCs Adriatic sea, R/V Actea (UNIVPM) and R/V TecnoPesca (CNR-IRBIM)

2008 “BIOFUN cruise”, Eastern Mediterranean deep-sea, R/V Urania. **OC**

2009 “TYRRMOUNTS cruise”, Ionian Sea – Maltese slope area, R/V Urania. **OC**

2009 “BIOFUN TRANS-MED cruise”, from west to east Mediterranean deep-sea, R/V Sarmiento de Gamboa. **OC**

2009 “BIOFUN cruise”, Sardinia open slope area (western Mediterranean Sea), R/V Urania. **OC**

2009 “BIOFUN cruise”, Alboran deep-sea, R/V Pelagia. **OC**

2010 “BIOFUN cruise”, Balearic Islands - open slope area (western Mediterranean sea), R/V Urania. **OC**

12/2010-01/2011 “MOCCHA-BIOFUN cruise”; western and central Mediterranean deep-sea, R/V Meteor. **OC**

2013: 5 DCs Adriatic Sea, R/V TecnoPesca (CNR-IRBIM)

2014-2015 “BALMAS cruises” (3) along the Adriatic coasts, R/V Dallaporta. **OC**

and 4 DC off Ancona, Adriatic Sea, R/V TecnoPesca.

2018 “19_28_BoDnt_Sardegna Cruise”, Sardinia slope, R/V Bourbon Emerald **OC**

2019 “050_SEA_18_BoDnt_Sardegna Cruise”, Sardinia slope, R/V Bourbon Emerald **OC**

2020 “DeepGreen 5A Campaign”, Clarion-Clipperton Zone, Pacific Ocean, R/V Maersk **OC**

2021 “DeepGreen 5D Campaign”, Clarion-Clipperton Zone, Pacific Ocean, R/V Maersk **OC**.

TEACHING and SUPERVISING

- 2020-ongoing:** Co-Supervisor of Master 2, CNR-IRBIM and Università Politecnica delle Marche, (student: Giorgia Ravera; Title: Meiofauna and nematode diversity from shallow water vent fields, Eolian islands).
- 2019-2020:** Co-supervisor of Master 2, CNR-IRBIM and University of Naples Federico II (Student: Rosanna Bossa, Title: The microbiome of Lesina lagoon commercial fish species: the Catch-Up Fish project).
- 2020:** Co-supervisor of Master 2, CNR-IRBIM and University of Naples Federico II (Student: Michele Intoccia, Title: Effects of violent floods on the microbiological quality of bathing waters and impact on the Fano coast).
- 2019:** Tutor for 3 Master 1 internships and 1 Master 2 internship, CNR-IRBIM and Università Politecnica delle Marche (Students: Michael Vizzarri; Elena Bassi; Andrea Novelli and Nicola Buosi; meiofauna extraction, sorting and nematode taxonomy).
- 2017-2018:** Co-supervisor/supervision help of 2 Master 2 and 1 Master 1, Ifremer, IUEM and University of Naples Federico II and CNRS (Students: Alessandro Pisaniello; Federica Rebecchi and Claire Michelet)
- 2017:** Co-supervisor/supervision help of 2 Master 1, Ifremer and Université Paris VI (meiofauna sorting and nematode taxonomy from shallow vent area of Secca delle Fumose and Roscoff port, PIONEER project)
- 2017:** Tutor for the internship of Valentine Menot, Ifremer and IUEM (nematode taxonomy and permanent slides preparation, Bay of Concarneau)
- 2016:** Co-supervisor/supervision help of Master 1, Ifremer and IUEM, (student: Valentin Verdon; Title: Meiofauna and nematodes from sandy beach)
- 2012-2013:** Supervisor of Master 2, CNR-ISMAR and University of Padova (Student: Camilla Parzanin, Title: Meiofauna biodiversity along an open slope system in the western Mediterranean Sea (Balearic islands).
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- 2019:** Seminar at Volterra-Elia high-school, Ancona. **Baldrighi E.** *Bathing water pollution and the Adriatic Sea.*
- 2019:** Seminar at Nolfi-Apolloni high-school of arts, Fano. **Baldrighi E.** *The WATERCARE project: bathing water pollution and microbial contamination in the Adriatic Sea.*
- 2019:** Seminar at 'Liceo M. Gioia' high-school on plastics and microplastics into the sea (8 February, Piacenza, Italy). **Baldrighi E.** *Un mare di plastiche. Abbiamo toccato il fondo?*
- 2018:** 3 Seminars at Liceo Nautico, Volterra-Elia and Galileo Galilei high-schools, Ancona, on alien species introduced through the ballast waters in the Adriatic sea. **Baldrighi E.** *Le Acque di zavorra: rischi e prevenzione per la tutela del Mare.*
- 2018:** Seminar at 'Archimede' high-school (16 March, Fano, Italy) on alien species introduced through the ballast waters in the Adriatic Sea. **Baldrighi E.** *Le Acque di zavorra: rischi e prevenzione per la tutela del Mare.*
- June-September 2015:** Marine Biology seminars to the students from High schools and Universities during a summer school experience organized by Coastal Guard of Ancona.
- 2014-2015:** Seminars at the high schools in Ancona, Senigallia and Fano on *Ballast water risk assessment, alien species and the Adriatic Sea. The BALMAS project.*
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- 2013:** Seminar on *Macrofaunal biodiversity and ecosystem functioning in the deep Mediterranean Sea: analysis at different spatial scales.* CNR-ISMAR, Ancona
- 2011:** Seminar on *Biodiversity and ecosystem functioning in the deep Mediterranean Sea.* CNR-ISMAR, Ancona

- 2009-2010:** Tutor for Marine Biology students, scientific and didactic support during Marine Botany and Algal Physiology courses. Supervisor Dr. A. Norici and Prof. C. Totti. Polytechnic University of Marche.
- 2009:** Seminar on *Deep-sea benthic fauna biodiversity, ecology and distribution along the Mediterranean Sea*. National Research Council (CNR), S. Teresa (La Spezia)
- 2006-2007:** Lab class (marine meiofauna extraction and identification) within Marine Biology Course, Polytechnic University of Marche.

INTERNATIONAL CONGRESSES, WORKSHOPS, SUMMER SCHOOLS: Oral communications and Posters

- [Upcoming] 2021:** Deep Sea Biology Symposium- Brest, France (September 2021). **Special Session:** **Elisa Baldrighi**, Jeroen Ingels, Andrew K. Sweetman, Adrian Glover, Thomas Dahlgren, and Erik Simon-Lledó “*Polymetallic Nodule Mining: Integrating scales, processes, impacts and knowledge*”.
- 2019:** SEVENTimco Congress – 17th International Meiofauna Congress (7-12 July, Evora, Portugal). Oral communication: **E. Baldrighi**, D. Zeppilli, L. Apolloni, L. Donnarumma, R. Sandulli. *Meiofaunal Communities and Nematode Diversity Characterizing the Secca delle Fumose shallow vent area (Gulf of Naples, Italy)*.
- 2018:** Workshop NAPOLEON (18-22 June, UBO e Ifremer Brest, Bretagna). Poster: A. Pisaniello, J. Grall, A. Di Cosmo, F. Pradillon, S. Arnaud-Haond, **E. Baldrighi**, et al. *Meiofauna diversity from Formigas Seamount, Azores: comparison between molecular and morphological methods*.
- 2018:** Workshop NAPOLEON (18-22 June, UBO e Ifremer Brest, Bretagna). Poster: R. Gramolini; **E. Baldrighi** & F. Semprucci. *BEASTs 1.0 – Benthic Fauna Surveys Database*. A new database for management and sharing of benthic data fauna.
- 2018:** VI International Rhodolith workshop (25-29 June, Roscoff, Bretagna). Oral communication: F. Rebecchi, D. Zeppilli, A. Di Cosmo, G. Polese, **E. Baldrighi**, et al. *The abundant and diverse meiofauna from maërl beds: a first insight from the Bay of Brest (Brittany)*.
- 2017:** (7 March, Ifremer, Brest, Bretagna), Oral communication: **Baldrighi E.** PIONEER project ‘*Prokaryote-nematode Interaction in marine extreme environments: a unique source for Exploration of innovative biomedical applications*’.
- 2017:** Labex Day (23 November, Ifremer, Brest, Bretagna), Oral communication: **E. Baldrighi**; Zeppilli D., Sarrazin J. *Macrofaunal and meiofaunal interactions in Deep-sea hydrothermal vents: focus on colonization Experiments At the Lucky Strike hydrothermal vent field*.
- 2016:** 16th International Meiofauna Conference (3-8 July, Heraklion). Oral communication: **Baldrighi E.** and Manini E. *An observation on the relationship between meiofauna biodiversity and ecosystem functioning at different spatial scales*. Poster: **Baldrighi E.** et al., *Meiofauna Network (MeioNet): a young “meiofaunologists” network for the environmental assessment of the Adriatic coastal areas*.
- 2016:** Meioschool2016 – Meiofauna Summer School (27 June – 1st July, Brest) Poster: **Baldrighi E.** et al., *Meio- and Macrofauna response to the harbour sediment features: how is life in the Ancona port?*
- 2015:** 5th annual meeting for the EU project BALMAS, Venice (Italy): Oral communication: **Baldrighi E.**, et al. *Harmful aquatic organisms and pathogens impacts*.
- 2015:** 14th Deep-sea Biology Symposium (Aveiro). Oral communication: **Baldrighi E.**, et al. *Deep-sea ecosystem: a world of positive species interactions?*
- 2015:** 4th annual meeting for the EU project BALMAS, Durres (Albania)

- 2014:** 3rd annual meeting for the EU project BALMAS, Kotor (Montenegro)
- 2014:** Senigallia, 8° Festival Adriatico Mediterraneo. Congress – European projects in the Marche Region for sea protection. Oral communication: **Baldrighi E.** Project BALMAS: Ballast water management system for Adriatic Sea protection.
- 2014:** BALMAS Infoday, Trieste. Oral communication: **Baldrighi E.** CNR-ISMAR in the project BALMAS. *Ballast Water risk assessment: from the water column to fishes.*
- 2014:** Workshop and training on ballast waters sampling and analysis in the framework of the EU project BALMAS, Piran (Slovenia)
- 2014:** First annual meeting for the EU project BALMAS, Piran (Slovenia)
- 2013:** Meioscool workshop, Brest (France). Oral communication: **Baldrighi E.** *Meiofauna vs macrofauna communities in the deep Mediterranean Sea: an insight into α -, β - and trophic diversity of two benthic components.*
- 2013:** XXIII S.It.E. Congress (Italian Society of Ecology), Ancona. Oral communication: **Baldrighi E., et al.** *Assessing for the reliability of longitudinal and bathymetric patterns in the distribution and diversity of two deep sea benthic components: meiofauna vs macrofauna along the Mediterranean Sea.*
- 2011:** BIOFUN project - final meeting, University of Ghent. Oral communication: **Baldrighi E., et al.** *Deep-sea Mediterranean macrofaunal distribution and diversity: preliminary results.*
- 2010:** A four days' Workshop on 'Different measures of biodiversity 'by Italian Zoological Union (UZI), Venice (Spring School).
- 2010:** IV LaguNet Congress, Marsala (Trapani). Poster: Montano C., **Baldrighi E., et al.** *Bioremediation of lagoon sediments with high content of organic matter.*
- 2010:** Deep-sea Symposium, Reykjavik, Iceland. Poster **Baldrighi E., et al.** "Small (<10 Km) spatial scale variability in the distribution and biodiversity patterns of deep macrobenthic communities along the north-west Sardinia slope: preliminary results".
- 2010:** BIOFUN project and EuroDEEP- workshop, Reykjavik, Iceland. Oral communication: **Baldrighi E., et al** *Deep macrobenthic communities and food availability along a bathymetric gradient (western Mediterranean Sea).*
- 2010:** CIESM congress, Venice. Oral communication: Aliani S., **Baldrighi E., et al.** *Benthic prokaryotic and macrofaunal communities in the deep Ionian and Aegean (Mediterranean Sea).*
- 2010:** Ocean Sciences Meeting Congress, Portland. Poster: **Baldrighi E., et al.** *Spatial analysis and interactions between deep-sea benthic prokaryotic and macrofaunal communities in the central-eastern Mediterranean Sea and comparison with the adjacent Atlantic Ocean (Galicia Bank).*
- 2009:** Italian Association of Oceanography and Limnology (AIOL) Congress, Venice. Oral presentation: **Baldrighi E., et al.** *Deep macrobenthic communities in the central-eastern Mediterranean Sea: insights on spatial patterns of abundance, distribution and diversity.*
- 2009:** BIOFUN project - annual meeting, S. Servolo. Oral communication: **Baldrighi E., et al.** *Spatial analysis of deep sea benthic prokaryotic and macrofaunal communities in the central-eastern Mediterranean Sea and in adjacent Atlantic ocean (Galicia bank).*
- 2009:** Annual meeting of Ph.D. students in Ecology, in collaboration with A.I.O.L. and S.It.E., University of Parma. Oral communication: **Baldrighi E.** *Deep-sea macrobenthic biodiversity and eco system functioning along the Mediterranean Sea: analysis at different spatial scales.*
- 2009:** A three days' Workshop on 'Applied statistical methods for ecology' and use of R program. University of Parma.
- 2008:** BIOFUN-EURODEEP project – annual meeting, Valencia.
- 2007:** Italian Association of Oceanography and Limnology (AIOL) and Italian Society of Ecology (S.It.E.) congress, Ancona. Participation as scientific staff.

PUBLICATIONS, TECHNICAL REPORTS AND ABSTRACTS

PEER REVIEWED PUBLICATIONS

Published

1. Michelet, C., Zeppilli, D., Hubas, C., **Baldrighi, E.**, Cuny, P., Dirberg, G., et al. (2021). *First Assessment of the Benthic Meiofauna Sensitivity to Low Human-Impacted Mangroves in French Guiana*. *Forests*, 12(3), 338. <https://doi.org/10.3390/f12030338>
2. Appolloni, L., Zeppilli, D., Donnarumma, L., **Baldrighi, E.**, Chianese, E., Russo, G. F., Sandulli, R. (2020). *Seawater Acidification Affects Beta-Diversity of Benthic Communities at a Shallow Hydrothermal Vent in a Mediterranean Marine Protected Area (Underwater Archaeological Park of Baia, Naples, Italy)*. *Diversity*, 12(12), 464; [doi:10.3390/d12120464](https://doi.org/10.3390/d12120464) www.mdpi
3. E. **Baldrighi**, I. Dovgal, D. Zeppilli, A. Abibulaeva, C. Michelet, et al. (2020). *The Cost for Biodiversity: Records of Ciliate–Nematode Epibiosis with the Description of Three New Suctorian Species*. *Diversity* 2020, 12, 224; [doi:10.3390/d12060224](https://doi.org/10.3390/d12060224)
4. E. **Baldrighi**, D. Zeppilli, L. Appolloni, L. Donnarumma, E. Chianese, et al. (2020). *Meiofaunal communities and nematode diversity characterizing the Secca delle Fumose shallow vent area (Gulf of Naples, Italy)*. *PeerJ* 8:e9058; [DOI 10.7717/peerj.9058](https://doi.org/10.7717/peerj.9058)
5. Donnarumma L, Appolloni L, Chianese E, Bruno R, **Baldrighi E**, et al. (2019). *Environmental and Benthic Community Patterns of the Shallow Hydrothermal Area of Secca Delle Fumose (Baia, Naples, Italy)*. *Front. Mar. Sci.* 6:685. [doi: 10.3389/fmars.2019.00685](https://doi.org/10.3389/fmars.2019.00685)
6. E. **Baldrighi**, J. Grall, N. Quillien, R. Carriço, V. Verdon, D. Zeppilli (2019). *Meiofauna communities' response to an anthropogenic pressure: The case study of green macroalgal bloom on sandy beach in Brittany*. *Estuarine, Coastal and Shelf Science* 227: 106326; <https://doi.org/10.1016/j.ecss.2019.106326>
7. E. **Baldrighi**, F. Semprucci, A. Franzo, I. Cvitkovic, D. Bogner, et al. (2018). *Meiofaunal communities in four Adriatic ports: Baseline data for risk assessment in ballast water management*. *Marine Pollution Bulletin*. <https://doi.org/10.1016/j.marpolbul.2018.06.056>
8. Luna G.M., Manini E., Turk V., Tinta T., D'Errico G., **Baldrighi E.**, et al. (2018). *Status of faecal pollution in ports: A basin-wide investigation in the Adriatic Sea*. *Marine Pollution Bulletin*: doi.org/10.1016/j.marpolbul.2018.03.050.
9. E. **Baldrighi**, A. Vanreusel, D. Zeppilli, R. Sandulli & M. Segonzac (2018). Occurrence of *Chromadorita regabi* sp. nov. (Nematoda: Adenophorea), a nematode egg predator of *Alvinocaris muricola* (Crustacea: Decapoda: Caridea: Alvinocarididae) from a deep cold seep area of the Gulf of Guinea. *The European Zoological Journal*: <https://doi.org/10.1080/24750263.2018.1498926>
10. E. **Baldrighi**, Zeppilli D., Crespin R., Chauvaud P., Pradillon F., Sarrazin J. (2017). *Colonization of synthetic sponges at the deep-sea Lucky Strike hydrothermal vent field (Mid-Atlantic Ridge): a first insight*. *Marine Biodiversity*: doi.org/10.1007/s12526-017-0811-3.
11. **Baldrighi E**, Giovannelli D, D'Errico G, Lavaleye M and Manini E (2017). *Exploring the Relationship between Macrofaunal Biodiversity and Ecosystem Functioning in the Deep Sea*. *Frontiers in Marine Science* : [doi: 10.3389/fmars.2017.00198](https://doi.org/10.3389/fmars.2017.00198).

12. **E. Baldrighi** and E. Manini (2015). *Deep-sea meiofauna and macrofauna diversity and functional diversity: are they related?*. Marine Biodiversity. DOI: [10.1007/s12526-015-0333-9](https://doi.org/10.1007/s12526-015-0333-9)
13. **E. Baldrighi**, M. Lavaleye, S. Aliani, A. Conversi, E. Manini (2014). *Large spatial scale variability in the bathyal macrobenthos abundance, biomass, α - and β -diversity along the Mediterranean continental margin*. PLoS ONE 9(9): e107261. [doi:10.1371/journal.pone.0107261](https://doi.org/10.1371/journal.pone.0107261).
14. D. Giovannelli, M. Molari, G. d'Errico, **E. Baldrighi**, C. Pala, E. Manini (2013). *Large-scale distribution and activity of prokaryotes in deep-sea surface sediments of the Mediterranean Sea and the adjacent Atlantic Ocean*. PLoS ONE 8(8): e72996. [doi:10.1371/journal.pone.](https://doi.org/10.1371/journal.pone.0107261)
15. **E. Baldrighi**, S. Aliani, A. Conversi, M. Lavaleye, M. Borghini, E. Manini (2013). *From microbes to macrofauna: an integrated study of different deep benthic communities and their response to environmental variables along the Malta Escarpment (Ionian Sea)*. Scientia Marina. [doi: 10.3989/scimar.03811.03B](https://doi.org/10.3989/scimar.03811.03B).
17. **E. Baldrighi**, C. Vasapollo, E. Grassi, F. Alvisi, L. Cesaroni, Balsamo M., F. Semprucci. *Meiobenthic assemblages as ecological indicators of natural variability induced by ecosystem engineers*. Regional Studies in Marine Science. <https://doi.org/10.1016/j.rsma.2021.101824>
18. P. Penna, **E. Baldrighi**, M. Betti, L. Bolognini, A. Campanelli, S. Capellacci, S. Casabianca, C. Ferrarin, G. Giuliani, F. Grilli, E. Manini, F. Moro, A. Penna, F. Ricci, M. Marini. *Water quality integrated system: a methodological approach to improve bathing water management* Journal of Environmental Management. [https://doi.org/10.1016/j.jenvman.2021.](https://doi.org/10.1016/j.jenvman.2021.101824)
20. Ferrarin, C.; Penna, P.; Penna, A.; Spada, V.; Ricci, F.; Bilić, J.; Krželj, M.; Ordulj, M.; Šikoronja, M.; Đuračić, I.; **Baldrighi, E.**, et al. *Modelling the Quality of Bathing Waters in the Adriatic Sea*. Water. <https://doi.org/10.3390/w13111525>

Pre-prints

21. **E. Baldrighi**, D. Giovannelli, G. D'errico, MSS. Lavaleye, E. Manini. *Deep-Sea ecosystem: a world of positive species interactions?* Biogeoscience Discussion, doi: 10.5194/bg-2016-26

Under revision

22. F. Rebecchi, D. Zeppilli, **E. Baldrighi**, A. Di Cosmo, G. Polese, A. Pisaniello, J. Grall. *First insights into meiofauna community of maerl bed in the Bay of I Brest (Brittany)*. Submitted to Frontiers in Marine Science.

23. F. Alvisi, **E. Baldrighi**, S. Merlino, M. Locritani, M. Panfili, S. Colella, S. Bronco, F. Cicogna, S. Coiai, E. King. *Walking on the Sea Traces: a Citizen Science platform to bring Ocean Literacy at home during the lockdown period*. Submitted to Mediterranean Marine Science Journal - special issue on Ocean Literacy.

In preparation

24. Manini E., Intoccia M., **Baldrighi E.**, Giovannelli D., Penna A., Marini M. *Effects of violent floods on the microbiological quality of bathing waters and impact on the Fano coast*. In prep. for WATER.
25. Bossa R., Giovannelli D., **Baldrighi E.**, Manini E. *The microbiome of Lesina lagoon commercial fish species*. In prep. for MICROORGANISMS
26. **Baldrighi E.**, Giovannelli D., Basili M., Quero GM, Cafarella M., Manini M. *Macrofauna versus meiofauna, while microbes remain unconcerned: shedding light on deep-sea fauna small-scale spatial patterns*. In prep. for Ecology.

TECHNICAL REPORTS

- Pusceddu A., Armeni M., Giaccaglia L., **Baldrighi E.** (2008). Technical report for CSA S.p.A. group. “Analisi della Meio- e macrofauna analyses from Brindisi harbour area”
- Armeni M., Giaccaglia L., **Baldrighi E.**, Ciotti C., Bigazzi D. (2008). Technical report. “Assessment of the environmental quality status of the coastal area near the API refinery through the macrobenthic communities”.
- **Baldrighi E.** (2015). Technical report for the project IPA Adriatic BALMAS: Project activities during the period June-September 2015 - Project BALMAS FB5 – TASK 5.2 e 2.3.
- **Baldrighi E.** (2015). Annual Report for the project IPA Adriatic BALMAS.
- Pigozzi S., **Baldrighi E.**, Bastianini M., Benzi M., Bolognini L., Buratti S., Bruno G., et al. (2015). BALMAS report: Port of Ancona (Italy): Baseline Surveys for Harmful Aquatic Organisms and Pathogens.
- Manini E., **Baldrighi E.**, Luna G.M. (2016). Catalogue of exiting HAOP species in selected Adriatic ports – FINAL VERSION. Report. BALMAS project. Act 5.3.
- **Baldrighi E.** (2016). Annual Report for the project IPA Adriatic BALMAS.
- Sarrazin J., Husson B., Zeppilli D. and **Baldrighi E.** (2016). Annual report for the project MIDAS: D6.5 Report on early colonization processes at active and inactive vents of the mid-Atlantic ridge. Laboratoire Environnement Profond, Ifremer Brest.
- **Baldrighi E.** and Zeppilli D. (2016). PIONEER project. Kick-off meeting report. Ifremer, Centre de Brest, France. 22 September 2016.
- **Baldrighi E.**, Tasiemski A., Zeppilli D. (2016). PIONEER project. Roscoff harbour (Brittany). Sampling activity report (26-27 July 2016).
- **Baldrighi E.** and Zeppilli D. (2016). PIONEER project. Roscoff harbour (Brittany). Sampling activity report (16 November 2016).
- **Baldrighi E.** and Zeppilli D. (2017). PIONEER project. Roscoff harbour (Brittany). Sampling activity report (25 April 2017).
- **Baldrighi E.** and Zeppilli D. (2017). PIONEER project. Roscoff harbour (Brittany). Sampling activity report (25-29 July 2017).
- Zeppilli D., **Baldrighi E.**, Bellec L., Fuchs S., Cambon-Bonavita M.A., Cueff V., Durand L., Gayet N., Tasiemski A., Wichlacz C., Bruno R. (2017). PIONEER project mid-term report.

- **Baldrighi E.** (2018). Final technical REPORT for the project 050_SEA_18_BoDnt_Sardegna – “Recupero di rottami metallici dai fondali prossimi al PISQ”
- **Baldrighi E.** (2018). PIONEER project. Meiofauna analysis report. Meiofaunal abundance and diversity in the Bay of Concarneau (Brittany, France).
- **Baldrighi E.** (2019). Final technical REPORT for the project 19-28_Sardegna – Recupero di rottami metallici dai fondali prossimi al PISQ. Valutazione e considerazioni biologiche sull’attività svolta.
- **Baldrighi E.** (2019). Final technical REPORT for the project ROSPO MARE_2019: Macrobenthic communities inhabiting impacted areas characterized by the presence of offshore platforms in the Adriatic sea.
- **Baldrighi E., Bossa R., Manini E.** (2020). TASK1.3 – REVIEW: the microbiome associated to commercial fishes.
- **Baldrighi E., Manini E.** (2020). CatchUp Fish activity report. Microbiome in commercial species of Lesina Lagoon: field sampling and preliminary results.
- F. Alvisi, S. Merlino, **E. Baldrighi**, F. Messina, L. Balletti, D. Gaggero, L. Savigni. (2021). Walking on the Sea Traces (Camminando sulle Tracce del Mare): una piattaforma di Citizen Science dedicata a conoscere il mare. <https://doi.org/10.26383/CNR-ISMAR.2021.2>.
- **Baldrighi E., Ingels J.** (2021) Meiofauna sampling cruise report - DeepGreen NORI D Campaign 5A (16 Oct – 30 Nov 2020)

SCIENTIFIC PUBLICATIONS in OTHER JOURNALS

- **Baldrighi E** (2014) PORTO APERTO’ conference, Ancona 24-25 October. BALMAS Newsletter
- **Baldrighi E.** and Bastianini M (2015) On the Venice lagoon the second Workshop about dinoflagellate cysts sampling and processing techniques. BALMAS Newsletter
- **Baldrighi E** and Franzo A (2015) Meiofauna Network’ in the project BALMAS: giving a voice to small critters. BALMAS Newsletter
- **Baldrighi E** (2016) An exciting France - Italy collaboration in the framework of the BALMAS project. BALMAS Newsletter
- **Baldrighi E.** and **J. Ingels** (2021) NORI D Campaign 5A - a dive in the deep-sea benthic biodiversity of the Clarion Clipperton Zone of the Pacific Ocean. Psammonalia Newsletter #173.

OUTREACH

Since 2019 member of Ocean Literacy Italia (OLI, www.oceanliteracyitalia.it) as Scientific committee member (2019-2020) and as Steering committee member (2020-presente).

Since 2020 Chair for the Working group *Healthy and Clean Ocean*, EU4Ocean Platform (<https://webgate.ec.europa.eu/maritimeforum/en/node/4516>) an Ocean literacy project founded by the European Union.

EVENTS

18/04/2021: Science Web Festival 2021 - public talk on line at <https://www.sciencewebfestival.it/index.php/2021/04/09/il-nostro-futuro-e-scritto-nel-mare-sappiamo-leggere>.

14/04/2021: Organizer of WATERCARE Info-day and Art and Science Contest (<https://www.italy-croatia.eu/web/watercare/events> and <https://www.facebook.com/Project-Watercare-359794938002048>)

18/03/2021: European Blue School Science Projects Workshops. Public Talk “*Healthy & Clean Ocean: why it matters?*”(<https://ec.europa.eu/ocean-literacy/blue-schools>)

14/05/2020: online Public launching of the Citizen Science project ‘*Walking on the sea traces*’ (<http://www.ismar.cnr.it/eventi-e-notizie/eventi/Mostre/apre-la-piattaforma-camminando-sulle-tracce-del-mar>)

16-18/May/2019: participation to the public event ‘Tipicità in Blu’ (CNR-IRBIM, Ancona, Italy) with laboratory activities for students.

23/03 and 30/03 2019: two public seminars at Casa delle Culture – Legambiente (Ancona, Italy).

Baldrighi E. et al. *Un mare di plastica: abbiamo toccato il fondo?; Inquinati nel mare: il male invisibile.*

2019: Seminar during the public event Tipicità (10 March, Fermo, Italy). Baldrighi E. *Da un mare di microbe alla vita nascosta tra I granelli di sabbia.*

2018: Public seminar at Bastione Sangallo (15 September, Fano, Italy). **Baldrighi E.** *Lontano dagli occhi, lontano dal cuore...gli abissi.* (<https://www.facebook.com/events/240074186706432/>)

2016: Summer school ‘Meioscool2016’ (Plouzané, France, 27 June – 1st July) as member of the Organization Committee (<http://meioscool2016.sciencesconf.org/>).

2015: European Researchers Night event on R/V Dallaporta: dissemination to the general public regarding BALMAS project (Ballast water management) and main research activities on board.

2015: Organiser of BALMAS Info-day (www.balmas.eu)

LANGUAGES

Italian: mother tongue

English: fluent oral and written

French: good oral and written

QUALIFICATIONS

- Since **February 2019** member of OLI – Ocean literacy Italia and member of the OLI Scientific Committee and **Steering committee member (2020 – present).**
- **2018:**
- **2018:** BOSIET certificate: Basic offshore safety induction & emergency training including HUET and EBS (5700). Certificate n° 99045700130618008.
- **2007:** State exam to achieve the certification of professional biologist, Polytechnic University of Marche (2007)
- **2004:** Diving licence PADI n. 0407E9467