



Giulia Zeri

Date of birth: 07/07/2000 | **Nationality:** Italian | **Phone number:** (+39) 3711913096 (Mobile) |

Email address: zeri.giulia@gmail.com |

Address: Via Giovanni Battista Magnaghi, 13, 00154, Roma, Italy (Home)

WORK EXPERIENCE

ONE OCEAN FOUNDATION – MILAN, ITALY

SCIENTIFIC COORDINATOR FOR ONBOARD ACTIVITIES - M.A.R.E. PROJECT – 03/2025 – 08/2025

Logistical organisation of the project and coordination of visiting researchers. Scientific supervision of the sampling activities and outreach activities conducted during a two and a half months expedition in the Ionian and Aegean Seas.

Key responsibilities and skills:

- Collection of zooplankton using zooplankton nets
- Water sampling and filtration for eDNA analysis
- Bioacoustic recordings for cetacean identification and noise pollution assessment
- Visual monitoring of marine megafauna
- Preparation and delivery of marine biology lectures for guests and fellow scientists
- Use of a portable microscope for zooplankton identification
- Presentation of science communication content through interviews and social media platforms

VERDEACQUA SCS IMPRESA SOCIALE – MILAN, ITALY

MARINE BIOLOGIST WWF – 07/2022 – 07/2024

Marine biologist in WWF Travel Summer Camps for kids aged 9 to 14.

Skills required:

- Development and delivery of lectures tailored to convey scientific concepts clearly and engagingly;
- Identification of fish and invertebrates of the Mediterranean coastal area.
- Development of activities to effectively address sustainability and conservation issues;
- Excellent water confidentiality to be able to lead snorkelling sessions with in-water lectures with groups of children;
- Dissection of fish specimens for explanation purposes;
- Management of big groups.

AQUATIC ECOLOGY LAB - UNIVERSITY OF PAVIA – PAVIA, ITALY

INTERNSHIP ON ALIEN SPECIES – 09/04/2023 – 05/06/2023

Internship aiming to assess and monitor the presence and abundance of alien species along the Italian northwest coast (Ligurian Coast).

Acquired competences:

- Good understanding of how to project and implement a monitoring campaign;
- Preparation and deployment of working units as well as preparation of samples for preservation and analysis;
- Identification of both sessile and mobile fauna belonging to biofouling communities (Bryozoan, Hydrozoans, Sponges, Tunicates, Echinoderms, Polychaetes, Pycnogonids, Nudibranchs, Amphipods, Isopods and Tanaids);
- Analysis of plates following the Smithsonian point count.

AQUATIC ECOLOGY LAB - UNIVERSITY OF PAVIA – PAVIA, ITALY

ORGANISATION OF "CAN YOU SEA?" FOR THE WEWORLD FESTIVAL XIII

Taking part in the scientific consulting for the "Can You Sea?" exhibition, aiming to inform the public about the challenges our oceans are facing due to human pressure and environmental changes.

EDUCATION AND TRAINING

09/2022 – 07/2024

INTERNATIONAL MASTER OF SCIENCE IN MARINE BIOLOGICAL RESOURCES (IMBRSEA) Ghent University

1st semester: Ghent University, Belgium

2nd semester: Università Politecnica delle Marche, Italy

3rd semester: Sorbonne University, France

4th semester: Ecoreach group, Centre of Marine Sciences (CCMAR), University of Algarve, Portugal

Competences acquired during thesis work:

- Good skills in the identification of fish and decapod larvae to the lowest taxonomic level possible without the need for dissection;
- Expertise developed in the use of the stereomicroscope, dichotomous keys, Image J software, R studio and Prism;
- Use of zooplankton nets to collect zooplankton as well as the use of Secchi disk, CTD and water sample for chlorophyll content analysis;
- Excellent knowledge of the extraction process of microplastics through digestion and filtration;
- Use of the micro-FTIR to assess microplastic polymer types.

Website <https://www.imbrsea.eu/> | **Final grade** Magna cum laude |

Thesis Assessing microplastic ingestion by fish and decapod larvae in two coastal ecosystems in the south of Portugal: Guadiana River estuary and Ria Formosa lagoon. Supervisor: Joana Cruz

16/07/2023 – 29/07/2023 Tjärnö, Sweden

IMBRSEA SUMMER SCHOOL Tjärnö Marine Laboratory - University of Gothenburg

Designed, implemented, and conducted a scientific experiment titled: Investigating the effects of commercial UV filters on the larval development of Brine Shrimps (*Artemia salina*).

Competences Acquired:

- Comprehensive understanding of a research process by deciding the line of research, developing the experimental setup, data collection, data analysis, report writing, and navigating the peer-review process;
- How to start and maintain a culture of *Artemia salina* individuals;
- How to test sunscreen toxicity on larvae.

10/2018 – 07/2022 Milan, Italy

BACHELOR'S DEGREE IN BIOLOGY Università degli Studi di Milano-Bicocca

Competences acquired during thesis work:

- Good understanding of marine coastal ecology and parasitology;
- Deepened knowledge of alien species ecology and implications for the environment.

Website <https://www.unimib.it/> | **Final grade** 110/110 cum laude |

Thesis Lessepsian migration and parasitism: comparing the richness and abundance of parasites of the invasive species *Sphyaena chrysaena* and the native *Sphyaena sphyraena*. Supervisor: Paolo Galli

24/04/2022 – 02/05/2022 Faafu Magoodhoo, Maldives

MARINE TROPICAL ECOLOGY WORKSHOP MaRHE center - Università degli Studi di Milano Bicocca

Competences Acquired:

- Enhanced skills in data analysis and presentation, developed through the collection and analysis of data, and the preparation and delivery of PowerPoint presentations, followed by feedback sessions;
- Practiced monitoring techniques and conducting transect;
- Gained expertise in the identification of tropical fish and coral and the ecology of reef systems;
- Designed a research question based on acquired knowledge of the surrounding ecosystem, conducted data collection and analysis, and delivered a final presentation of the results.

10/2020 – 05/2021 Milan, Italy

BBETWEEN 2021 CIVIC ENGAGEMENT: DEPLASTIFICAZIONE- LIFE BEYOND PLASTIC BBetween, Università degli Studi di Milano-Bicocca

Workshop addressing the problem of plastic pollution in the ocean by giving basic knowledge of the main existing categories of plastic, the types of polymers and the effects on the marine organisms and ecosystems they can have. Talks and interviews with experts to try to find sustainable solutions to tackle plastic pollution.

09/2017 – 07/2019 Rome, Italy

SCIENTIFIC DIPLOMA Liceo Scientifico Pio XI

Final grade 98/100

09/2016 – 07/2017 Birmingham, United Kingdom

AS LEVEL (MATHS, CHEMISTRY, PHYSICS, BIOLOGY) Bishop Walsh Catholic School

09/2015 – 07/2016 United Kingdom

GCSE (MATHS, CHEMISTRY, PHYSICS, BIOLOGY, ENGLISH, ITALIAN, FRENCH) Bishop Walsh Catholic School

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C2	C2	C2
PORTUGUESE	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

- Microsoft Office Suite: Advanced (Word, Excel, Power Point) | - GIS Software: Experienced with QGIS for mapping | - Data Analysis Tool: Proficient in Rstudio and Basic knowledge of MATLAB | - Data Analysis and Visualization Tools: Proficient in GraphPad Prism and ImageJ | - Graphic Design: basic knowledge of Inkscape

● CONFERENCES AND SEMINARS

16/09/2024 – 20/09/2024 Bremen, Germany

ICYMARE (International Conference for Young Marine Researchers)

Zeri G, Da Silva P J, Marín-Beltrán I, Baptista V, Teodósio M A, Cruz J. Assessing microplastic ingestion by fish and decapod larvae in two coastal ecosystems in the south of Portugal: Guadiana River estuary and Ria Formosa lagoon. Oral Presentation.

● REFERENCES

Contacts

Jasmine Ferrario
University of Pavia
jasmine.ferrario@unipv.it

Joana Cruz
CCMAR
jmcruz@ualg.pt