



# MARTINA ILARRI

RESEARCHER

I obtained a European PhD in Marine and Environmental Sciences from the University of Porto (Portugal) in 2012 and have been involved in ecological studies of estuarine and freshwater fauna since 2001. During my career, I have actively collaborated with more than 50 researchers, published 37 scientific papers in peer-reviewed journals, and given more than 50 presentations at national and international conferences. I am a member of the editorial board of a journal and I have worked as a reviewer for 10 different journals. I have actively participated in eight scientific projects and received individual grants within the framework of 4 open calls. I have also given some selected lectures at university level in Portugal. I have a strong interest in environmental data, and in contributing to the advancement of scientific knowledge to improve our understanding of nature and the conservation of biodiversity.

## Personal information

### Name

Martina Ilarri

### Birthdate

December 29, 1981

### Gender

Female

### Residence

Portugal

### Nationality

Brazilian/Spanish/Portuguese

## Scientific profile



### CIENCIA ID

E212-E1D1-4509



### Scopus author ID

16426031100



### ORCID

0000-0001-6780-8221



### ResearchGate

<https://www.researchgate.net/profile/Martina-Ilarri>

## Scientific metrics



### Peer-reviewed papers

37 (Scopus)

39 (ResearchGate)



### H-index

16 (Scopus)

17 (ResearchGate)

### Total citations

## Research fields

- ✓ Biological invasions
- ✓ Aquatic ecology
- ✓ Climate change
- ✓ Conservation

## Experience



### Researcher

CIIMAR - Interdisciplinary Centre of Marine and Environmental Research of the University of Porto, Portugal | 2018 - Present



### Post-doctoral fellow

Foundation for Science and Technology - FCT, Portugal | 2013 - 2018

## Education



### Master/Data Science

University of Porto, Porto | 2021 - Present



### PHD/Doctoral School in Marine and Environmental Sciences

University of Porto, Portugal | 2008 - 2012

Thesis: Functional importance of the Asian clam *Corbicula fluminea* in invaded ecosystems



### Master/Biological Sciences - Zoology

Universidade Federal da Paraíba, Brazil | 2006 - 2008

Thesis: The study of the fish assemblage of full protection areas in comparison to the fish assemblage of sustainable use areas, at the archipelago of Fernando de Noronha - PE, Southwestern Atlantic.



### Bachelor/Biological Sciences - Marine Biology

Universidade Federal Fluminense, Brazil | 2000 - 2005

Thesis: The effect of nutrients enrichment on the development of marine biofouling communities with the absence of predators.

## Skills

### R software

Data analysis (frequentist statistic) ●●●●●

Data processing (structured data) ●●●●●

Data management ●●●●●

### Programming languages

R ●●●●●

Git ●●●●●

### Languages

Portuguese ●●●●●

English ●●●●●

Spanish ●●●●●

German ●●●●●

## Selected author publications

### Dataset

#### Long-term monitoring of the fish community in the Minho Estuary (NW Iberian Peninsula)

Souza et al., Zenodo (doi: <https://doi.org/10.5281/zenodo.8046541>) | 2023

### Article

#### Influence of climate change and extreme weather events on an estuarine fish community

Ilarri & Souza et al., *Science of the Total Environment* | 2022

#### Spatio-temporal and intra-specific variations in the physiological and biochemical condition of the invasive bivalve *Corbicula fluminea*

Ilarri et al., *Hydrobiologia* | 2022

#### Decay and persistence of empty bivalve shells in a temperate riverine system

Ilarri et al., *Science of the Total Environment* | 2019

#### Physical legacy of freshwater bivalves: Effects of habitat complexity on the taxonomical and functional diversity of invertebrates

Ilarri et al., *Science of the Total Environment* | 2018

#### Community structure of reef fishes in shallow waters of the Fernando de Noronha archipelago: Effects of different levels of environmental protection

Ilarri et al., *Marine and Freshwater Research*, | 2017

## Teaching

### University of Minho, Portugal



Master's level: Invited lecture on sampling data in tropical aquatic environments.

2011

### University of Minho, Portugal



Master's level: Invited lecture on Multivariate analysis applied to ecological data.

2015

## Supervisions



### PhD Students

Co-supervisor of 1 PhD student in the University of Minho (Portugal)



### Master Students

Supervisor of 4, and co-supervisor of 1, MSc students in the University of Minho (Portugal)




### Bachelor Students


Supervisor of 2, and co-supervisor of one, BSc students in the Unioversity of Porto (Portugal)

## Editorial services


 **Frontiers in Marine Science - Marine Biology**

## Recent activities

 **Course - Ready for BioData Management? CIIMAR**  
Porto, Portugal - January, 2023

 **COST Action - Conservation of freshwater mussels: a pan-European approach**  
**Training school on Freshwater mussel ecosystem services**  
Prague, Czechia - September of 2021

 **Master in Data science, Faculty of Science, University of Porto**  
Porto, Portugal - Started in October of 2020 - ongoing

 **The IUCN EICAT system and its application**  
**Workshop - Taller de formación: " El sistema EICAT de la UICN y su aplicacion"**  
Merida, Spain - September of 2018

## References


### Allan Souza


Researcher  
Institute of Hydrobiology, Biology  
Centre, CAS, Czechia  
allantsouza@gmail.com


### Ronaldo Sousa


Professor (**PhD Supervisor**)  
Department of Biology, University  
of Minho, Portugal  
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## Contact

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