
Date of Birth: 23/07/1994

Nationality: Italian



LEVELS OF LANGUAGE PROFICIENCY

Proficient:	Italian, English, Spanish
Intermediate:	Greek
Elementary:	German, Portuguese, French

AFFILIATIONS

Mar 2023 – Present	Alma Mater Studiorum University of Bologna – National Biodiversity Future Center (NBFC) – Institute for Marine Biological Resources and Biotechnology of the National Research Council CNR-IRBIM (Ancona, Italy) FishMed-PhD student
Mar 2023 – Present	Institute for Marine Biological Resources and Biotechnology of the National Research Council CNR-IRBIM (Ancona, Italy) Research Associate
Sep 2022 – Feb 2023	Institute for Marine Biological Resources and Biotechnology of the National Research Council CNR-IRBIM (Ancona, Italy) Research Scholar
Feb 2022 – Sep 2022	AP Marine Environmental Consultancy Ltd (Cyprus) Scientific diver Marine scientist
Sep 2021 – Nov 2022	Enalia Physis Environmental Research Centre (Cyprus) Internship Trainee

CURRENT EMPLOYMENT

Mar 2023 – Present	Alma Mater Studiorum Università di Bologna FishMed-PhD student in the project entitled: “Scientific support to the adaptive management of non-indigenous species in the Mediterranean Sea”
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Mar 2023 – Present	Institute for Marine Biological Resources and Biotechnology of the National Research Council CNR-IRBIM (Ancona, Italy) Research Associate
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ACADEMIC QUALIFICATIONS

Jul 2022	M.Sc. in Marine Biology – Università Politecnica delle Marche (Italy) Thesis: “Non-indigenous fishes in two Eastern Mediterranean islands: an historical reconstruction based on Local Ecological Knowledge” Final Grade: 110/110 with honours List of subjects at the end of CV
Jun 2019	B.S. in Natural and Environmental Sciences –Università di Pisa (Italy) Thesis: “Diatom assemblages of the Holocene sediments of core HLF 17-01, from Cape Hallett, Ross Sea, Antarctica” Final Grade: 99/110 List of subjects at the end of CV

AWARDS

Jul-Aug 2024	Short Term Mobility CNR-IRBIM Awarded a grant to conduct my research project titled “Cumulative Negative Impacts of Invasive Alien Species, Jellyfish Blooms, and Harmful Algal Blooms on Marine Ecosystems of the Aegean Sea.” This project was executed in collaboration with Prof. Katsanevakis at the University of the Aegean (Mytilene, Greece)
May 2024	National Biodiversity Forum Awarded the “Best Poster” Prize. Poster: “Can we convert a biological invasion into a commercial opportunity? The case of Anadara spp. in the Adriatic Sea” (Palermo, Sicily)

FUNDING & GRANTS

2024	CNR-IRBIM (7500.00 €)
2022	ERASMUS+ (2250.00 €)
2022	Stazione Zoologica Anton Dohrn (1168.26 €)
2021	Stazione Zoologica Anton Dohrn (1186.00 €)

CITIZEN SCIENCE

9 Oct 2021	MarLitCy Project Enalia Physis Environmental Research Centre (Cyprus) Scientific Diver Collection and Analysis of Marine Litter
1 Sep – 10 Nov 2021	Invasive fishes in Cyprus: a study based on Local Ecological Knowledge (LEK) Collaboration between Stazione Zoologica Anton Dohrn (Italy), Università Politecnica delle Marche (Italy), Enalia Physis Environmental Research Centre (Cyprus), CNR-IRBIM Ancona (Italy) Performer of LEK on small-scale Fishers and of related Data Analysis
16 Mar 2019	Bioblitz: Blitz for biodiversity Within the framework of LIFE Asap project, Federparchi (Italy) Monitoring of Alien Species in Pianosa island (Italy) Research Assistant

RESEARCH EXPEDITIONS

4-18 Jun 2023	Mediterranean International Bottom Trawling Survey (MEDITS) – AP Marine Environmental Consultancy Ltd (Cyprus) Research Staff
3-19 Dec 2022	SoleMon – CNR-IRBIM Ancona (Italy, Croatia, Slovenia) Research Staff
1-13 Jun 2022	Mediterranean International Bottom Trawling Survey (MEDITS) – AP Marine Environmental Consultancy Ltd (Cyprus) Research Staff
4-8 Dec 2021	SoleMon – CNR-IRBIM Ancona (Italy, Croatia, Slovenia) Research Assistant

PROJECTS

Sep 2024 – Present	Blue Crab project GFCM (Mediterranean) Interviews to fishers in 4 Italian sites
Mar 2023 – Present	National Recovery and Resilience Plan (NRRP) – Spoke 2 Next Generation EU (Italy) PhD student

Sep 2022 – Present	USEit: Use of operational synergies for the integrated management of invasive alien species in Italy CNR-IRBIM, in collaboration with IRET CNR and IAS CNR (Italy) Research Staff
Sep 2022 – Present	Update of ORMEF Geoportal: a free, online searchable database about Mediterranean Exotic Fishes which provides updated geo-referenced information CNR-IRBIM of Ancona, in collaboration with IRPPS, IZSM and ISPRA (Italy) Research Staff
14-30 Nov 2023	SoleMon – CNR-IRBIM Ancona Research Staff
3-19 Dec 2022	SoleMon – CNR-IRBIM Ancona (Italy, Croatia, Slovenia) Research Staff
Apr – Oct 2022	Identifying refugia for native fauna in the fast warming Eastern Mediterranean Collaboration between Enalia Physis Environmental Research Centre (Cyprus), Stazione Zoologica Anton Dohrn (Italy), University of Cyprus (Cyprus) and University of Vienna (Austria) Research Staff
Sep 2021 – Sep 2022	Development of a co-managed MPA in Kakoskali AP Marine Environmental Consultancy Ltd (Cyprus) Research Staff
Sep 2021 – Sep 2022	Basic Research and Monitoring of Non-Native Species at the Marine Protected Areas (MPAs) Lara – Toxeftra, at the Marine Caves in Pegeia and the NATURA 2000 in Moulia, Cyprus AP Marine Environmental Consultancy Ltd (Cyprus) Research Scientist Scientific Diver
Sep 2021 – Sep 2022	Annual Monitoring of the Artificial Reefs within the MPAs of Paralimni, Ayia Napa, Amathounta, ‘Dasoudi’ Limassol and Geroskipou AP Marine Environmental Consultancy Ltd (Cyprus) Research Scientist Scientific Diver
1-13 Jun 2022	DNA Analysis of exotic fishes Collaboration between Università Politecnica delle Marche (Italy), Department of Fisheries and Marine Research (Cyprus) and AP Marine Environmental Consultancy LTD (Cyprus) Research Staff

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| 31 Apr – 15 May 2022 | Identifying refugia for native fauna in the fast warming Eastern Mediterranean
Collaboration between Enalia Physis Environmental Research Centre (Cyprus), Stazione Zoologica Anton Dohrn (Italy), University of Cyprus (Cyprus) and University of Vienna (Austria)
Research Staff |
| 8 Jan – 16 March 2022 | Development of ORMEF Geoportal: a free, online searchable database about Mediterranean Exotic Fishes which provides updated geo-referenced information
CNR-IRBIM of Ancona, in collaboration with IRPPS, IZSM and ISPRA (Italy)
Research Staff |
| 4-8 Dec 2021 | SoleMon – CNR-IRBIM Ancona (Italy, Croatia, Slovenia)
Research Assistant |
| 1 Sep – 10 Nov 2021 | Visual census of coastal fish species in Cyprus
Within the framework of MPA Engage project, founded by Stazione Zoologica Anton Dohrn (Italy), in collaboration with AP Marine Environmental Consultancy Ltd (Cyprus)
Research Staff |

CONFERENCE ORGANIZING COMMITTEE

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| 2024 | Simposio “Cambiamento della Biodiversità nell’Antropocene: priorità nella ricerca” (National Symposium of experts on aquatic and terrestrial biodiversity) (Fano, Italy)
Organising Committee
Organised by CNR, in collaboration with Fano Marine Center, Lifewatch Italy and National Biodiversity Future Center
https://registrazioneeventi.cnr.it/event/31/ |
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CONFERENCES

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| 14-18 Oct 2024 | 43rd CIESM Congress
Oral presentation and Poster: “Data mining on invasive species: the case of <i>Anadara</i> spp., invasive bivalve in the North Adriatic Sea” (Palermo, Italy) |
| 7-9 Oct 2024 | IRBIM Day 2024
Oral presentation: “CIMPAL expansion to assess invaders in the Aegean Sea: unraveling the cumulative impacts of Invasive Alien |

Species (IAS), Jellyfish Blooms, and Harmful Algal Blooms (HABs)" (Milazzo, Italy)

4-5 Oct 2024

Annual SIRAM Congress

Invited speaker. Oral presentation: "È possibile trasformare un'invasione biologica in un'opportunità commerciale? Il caso di *Anadara* spp. nel Mar Adriatico" (Cattolica, Italy)

3-5 Jun 2024

Biodiversity PhD Days NBFC

Oral presentation: "Collecting key information for the management of Mediterranean bioinvasions: insights from a doctoral research" (Padua, Italy)

20-22 May 2024

National Biodiversity Forum

Poster: "Can we convert a biological invasion into a commercial opportunity? The case of *Anadara* spp. in the Adriatic Sea" (Palermo, Sicily)

9-10 Oct 2023

IRBIM Day 2023

Poster presented: "Scientific support to the commercial exploitation of two invasive bivalves in the Adriatic Sea: *Anadara kagoshimensis* and *Anadara transversa*" (Mazara del Vallo, Sicily, Italy)

31 Jan 2023

IRBIM Day 2022

Poster presented: "The invaded Mediterranean Sea: actions towards an adaptive management" (Rome, Italy)

14 – 17 Jun 2022

Combined final events of the Interreg Mediterranean projects MPA NETWORKS and MPA Engage – Working for resilient MPA networks together

Attendance (Palma de Mallorca, Barcelona, Roses, Spain)

PUBLICATIONS

1. Azzurro, E., Bonanomi, S., **Chiappi, M.**, De Marco, R., Luna, G. M., Cella, M., Guicciardi, S., Tiralongo, F., Bonifazi, A., Strafella, P. (2024). Uncovering unmet demand and key insights for the invasive blue crab (*Callinectes sapidus*) market before and after the Italian outbreak: Implications for policymakers and industry stakeholders. *Marine Policy*, 167, 106295.
2. Albano, P. G., Hong, Y., Steger, J., Yasuhara, M., Bartolini, S., Bogi, C., Bošnjak, M., **Chiappi, M.**, Fossati, V., Huseyinoglu, M.F., Jiménez, C., Lubinevsky, H., Morov, A.R., Noè, S., Papatheodoulou, M., Resaikos, V., Zuschin, M., Guy-Haim, T. (2024). New records of non-indigenous species from the eastern Mediterranean Sea (Crustacea, Mollusca), with a revision of genus *Isognomon* (Mollusca: Bivalvia). *PeerJ*, 12, e17425.

3. Azzurro, E., Ballerini, T., Antoniadou, C., Domizia Aversa, G., Ben Souissi, J., Blaškovic, A., Cappanera, V., **Chiappi, M.**, Cinti, M., Colloca, F., Cvitkovic, I., D'Amen, M., Despalatovic, M., Di Franco, A., Dimitriadis, C., Dragicevic, B., Fanelli, E., Figuerola, L., Fortibuoni, T., Franzitta, G., Garrabou, J., Geloso, T., Ghanem, R., Gori, A., Hervat, M., Izquierdo-Muñoz, A., Linares, C., La Mesa, G., Merotto, L., Micallef, R., Miliou A., Minelli, A., Moschella, P., Pannacciulli, F., Panzalis, P., Pavicic, M., Petrou, A., Ramos-Esplá, A., Saponari, L., Scarcella, G., Spoto, M., Staglicic, N., Vrdoljak, D., Weitzmann, B., Joseph, P. (2022). ClimateFish: A database to track the abundance of selected coastal fish species as candidate indicators of climate change in the Mediterranean Sea. *Frontiers in Marine Science*, 1089.
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SEMINARS AND WEBINARS

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| 28-30 May 2024 | Scientific writing and bibliographic elements
Organised by CNR-IRBIM (Lesina, Italy) |
| 9-15 May 2024 | Open science
Organised by CNR (online) |
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REFeree ACTIVITIES

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| 2022 | Mediterranean Marine Science
Reviewer |
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WORKSHOPS

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| 19 Sep 2024 | Workshop on scientific animations (AnimAzioni Biodiverse)
National Biodiversity Future Center (NBFC)
Invited Speaker. Oral presentation: "Come trasformare un'invasione biologica in un'opportunità commerciale: il caso di <i>Anadara</i> spp. nel Mar Adriatico" (Padua, Italy) |
| 31 Aug – 4 Aug 2022 | Workshop on co-management on Kakoskali MPAs, Latchi, Paphos
AP Marine Environmental Consultancy Ltd
Bilateral meeting between Cyprus and Malta
Attendance (Cyprus) |
| Once each month
Sep 2021 – Sep 2022 | Collaboration of fishermen and scientist network workshop for fisheries – selective Fishing Gears, alternative Fishing Methods, recording of Damages on Fishing Gears on Vulnerable Species (dolphins and turtles)
AP Marine Environmental Consultancy Ltd
Attendance (Cyprus) |

18 Oct 2021 **Biodiversity Monitoring in Rocky Shores: a globally applicable and cost-effective protocol**
Dr. Gil Rilov
Attendance (Cyprus)

EVENTS

23 Oct 2023 **Interviews by Vera TV**
<https://www.youtube.com/watch?v=aWube-DbvZs&t=892s>
5 Oct 2023 https://www.youtube.com/watch?v=_4Y9aPIYTog&t=32s
16 Sep 2023 <https://www.youtube.com/watch?v=LWXDccorcF8&t=67s>

22 Oct 2023 **Non-indigenous species tasting activity "Alien tastings"**
At Antichi forni di Macerata
24 Jul 2023 At Stabilimento Cori Giovanni

7 Oct 2023 **Interview by TV Centro Marche**
<https://www.facebook.com/tvcentromarche/videos/1426271117929412>

26 Jul 2023 **Interview by TG Regione Marche**
<https://www.rainews.it/tgr/marche/video/2023/07/tgr-marche-web-marini-specie-aliene-1edmx-f-d0266447-2e48-451b-a1fb-4cb5545f5fd8.html>

18 May 2023 **FameLab – Talking Science**
Participation to the semifinal selection
<https://www.youtube.com/watch?v=CQDM6IJVkr4>

6 Nov 2022 **Romevideogamelab - Aliens in the kitchen: cooking the seafood of the third millennium (Cinecittà)**
Promoting the consumption of alien species
Speaker

11 Oct 2022 **KUM! Lab (Ancona)**
Processes determining Changes in Biodiversity, focusing on the role of Alien Species
Speaker

4 Oct 2022 **W la Scienza (Rome)**
Processes determining Changes in Biodiversity, focusing on the role of Alien Species
Organised by QAcademy
Speaker

SOCIAL NETWORKS' RESPONSABILITIES

2022 – Present	Moderator of the Facebook group “Oddfish” https://www.facebook.com/groups/1714585748824288
2022 – Present	Admin of the Instagram profile of the project “Uselt” https://instagram.com/useitcnr?igshid=MzRIODBiNWFIZA==

PROFESSIONAL DEVELOPMENT

5 classes on May 2022	Mediterranean MPAs facing Climate Change (Interreg Mediterranean - MPA Engage, MPA NETWORKS, AMAre PLUS) Virtual Training Course on Vulnerability assessment and Monitoring protocols
Sep 2021– Sep 2022	AP Marine Environmental Consultancy Ltd – Enalia Physis Environmental Research Centre Scientific Diving, Practical Training and Implementation on more than 20 multi-day diving expeditions

TECHNICAL SKILLS

Softwares	QGIS R-studio Google Earth PRO ImageJ Leica IM50 Microsoft Office (Access/ Excel/ PowerPoint/ Word) ECDL European Computer Driving Licence
QGIS certificates	QGIS: Base (certificated by Terrelogiche) QGIS: Advanced (certificated by Terrelogiche) QGIS: Geostatistics with R and QGIS (certificated by Terrelogiche)
CNR-IRBIM – Research	Bibliographic Research concerning Alien Species in the Mediterranean Sea, their geographic expansion and their Adaptive Management Data management, cataloguing, data entry Laboratory Scientific writing R classes QGIS classes Use of Excel Social media Managing Presentations
CNR-IRBIM – SoleMon	Analysis of sizes & maturity of commercial species of Fish, Crustaceans and Molluscs Collection of Organs and Otoliths of commercial species of Fish Identification of Benthic Organisms Data input Scientific Trawling
AP Marine – Research	Taxonomic identification of ichthyofauna Niskin Bottle Water Sampling Otolith and Organs Extraction (<i>P. miles</i> , <i>P. forsskali</i> , <i>M.</i>

merluccius, *F. commersonii*, *F. petimba*, *L. scleratus*) | Development of MPA co-management initiative | Permanent Monitoring plot Monitoring | Report Writing | Scientific Diving | Scientific Photography | Scientific Trawling | Scientific Underwater Photography | Sexing Fish (*P. miles*, *P. forsskali*, *M. merluccius*, *F. commersonii*, *F. petimba*, *L. scleratus*) & Shrimp (*A. foliacea*), & Identifying their Maturity Stage | Collection of Macrofauna | Underwater Quadrats (Regular & Photographic) | Underwater Visual Census

Enalia Physis – Research

Data management, cataloguing, data entry | Taxonomic identification of ichthyofauna | Underwater Visual Census using SCUBA and underwater photography | Retrieval of Pinna nobilis larval collectors | Intertidal Communities' Assessment | Underwater Collection of *P. oceanica* | Analysis of *P. oceanica* leaves | Scientific diving | Underwater Suction Sampler

Dissertation

Utilisation of a protocol for Local Ecological Knowledge (LEK) | Data Organisation and Input | Data Visualisation through Plots and Heatmaps | Data Analysis through Breakpoint Analysis carried out in R Studio | Assemble, Review & Critically Analyse Relevant Research Paper

Fishery Biology Course

Dissection of Fish, Molluscs and Crustaceans | Collection of Organs and Otoliths from Fishes | Identification of Fishes' Sex and of their Maturity Stage

Marine Monitoring Course

Multiparametric CTD | Niskin bottles | Sampling nets for the collection of Phytoplankton and Zooplankton | ROV and splash camera | Van Veen grabs | Sediment Corers | Manual Sediment Corers | Rake for cockles | Quadrats | Laboratory Analysis for the conservation and treatment of biological samples in water and sediment | Marine Litter sampling | Data Analysis

Marine Microbiology Course

Microbiological Analysis of seawater samples: determination of the Microbial abundances | Determination of Faecal Contamination of the water by Enumeration Techniques | Identification of Faecal Indicator bacteria | Isolation and Identification of native bacterial species

B driving licence

SSI Qualifications

Open Water | Advanced Adventurer

RAID Qualifications

NITROX | Deep 40

Occupational health and safety General training held by the Prevention and Protection Unit of CNR

ACADEMIC COURSES

M.Sc.

Università Politecnica delle Marche

Marine Biology and Ecology | Finfish and Ornamental Aquaculture | Marine Sedimentary Environment | Applied Marine Ecology | Marine animal Biodiversity | Biodiversity of Algae and Marine Plants | Fishery Biology | Biology of Reproduction of Marine Organisms | Evolutionary Biology of Marine Vertebrates | Biotechnology and Blue Growth | Oceanography | Ecophysiology of Algae | Field Practices: Sampling Design and Census of Marine Communities | Field Practices: Marine Monitoring | English Language Advanced Level | Marine Conservation Biology | Marine Ecotoxicology | Marine Protected Areas: Design and Management | Marine Microbiology

B.S.

Università di Pisa

Mathematics | Physics | Inorganic and Organic Chemistry | Geomaterials: Mineralogy and Petrography | Biology 1: Embryology, Cytology, Histology and Genetics | Environmental Legislation | Biology 2: Botanic and Zoology | Plant and Animal Systematics | General Palaeontology | Geology and Georesources | Physical Geography and Cartography | Biochemistry | Ecology | Anthropology | Methods and Techniques in Prehistory | Palaeontology of Vertebrates | Informatics | Palaeopathology | Vulcanology | English Language | Geomorphology | Ethology

WORK EXPERIENCE

Sep 2022 – Feb 2023

Institute for Marine Biological Resources and Biotechnology of the National Research Council CNR-IRBIM (Ancona, Italy)

Research Scholar for the Scholarship entitled: "Collaboration for collection, management and data analysis activities related to non-indigenous species aimed at the implementation of an ecosystem approach for the management of biological resources"

Feb 2022 – Sep 2022

AP Marine Environmental Consultancy Ltd

Marine Scientist | Scientific Diver

Nov 2021 – Jan 2022

Università Politecnica delle Marche

Collaborator

Sep 2021 – Nov 2021

Enalia Physis Environmental Research Centre

Internship Trainee

Feb 2021 – Jun 2021	Università Politecnica delle Marche Collaborator
2013 – 2021	Aviosail Hostess on Sailing Boats
Jun 2019 – Sep 2019	Lari e Palombo Travel Agent
August 2013	Bar Lacona Waitress
Jun 2012 – Sep 2012	Passionespresso Sales Employee

REFEREES

Dr Ernesto Azzurro (supervisor of PhD)

Director of Research at Italian National Research Council
Largo fieria della pesca 2
Ancona
Italy
ernesto.azzurro@cnr.it

Dr Giuseppe Scarcella (co-supervisor of PhD)

Senior Researcher at Italian National Research Council
Largo fieria della pesca 2
Ancona
Italy
giuseppe.scarcella@cnr.it

Pierluigi Strafella (co-supervisor of PhD)

Researcher at Italian National Research Council
Largo fieria della pesca 2
Ancona
Italy
pierluigi.strafella@cnr.it

Antonis Petrou

Director of AP Marine Environmental Consultancy Ltd.
Acropoleos street, Aglanjia
Nicosia
Cyprus
apmarine@valicom.com.cy

Dr. Carlos Jimenez

Senior Research Coordinator at Enalia Physis Environmental Research Centre

Marina Chiappi
Via G. Marconi 2, 60125, Ancona (AN), Italy
Tel: +39 3275563557, E-mail: marinachiappi@gmail.com

Acropoleos street, Aglanjia
Nicosia
Cyprus
c.jimenez@enaliaphysis.org.cy