

Curriculum vitae of Agnese MARCHINI

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EDUCATION AND ACADEMIC POSITIONS

- Since 2024: International Mobility Delegate for the Department of Earth and Environmental Sciences
- Since 2023: Full Professor of Ecology at University of Pavia, Italy
- Since 2019: Associate Professor of Ecology at University of Pavia
- 2016-19: Senior Researcher of Ecology at University of Pavia
- 2016: Senior post-doc at University of Pavia
- 2004-2016: junior post-doc at University of Pavia and University of Ferrara, Italy
- 2004: Visiting fellow (6 months) at the Benthos Ecology laboratory, University of Aveiro, Portugal
- 2004: PhD in Experimental Ecology and Geobotany at the University of Pavia
- 2000: Graduated in Biology at the University of Pavia

EXPERTISE

Aquatic ecology and biology, community ecology, benthic invertebrates, peracarid crustaceans, marine biogeography, biological invasions, risk assessment, fuzzy logic.

RESEARCHER PERFORMANCE

Author or co-author of five book chapters and nearly 100 scientific articles, out of which 90 on journals with impact factor.

According to Scopus: >3700 Citations, H-index 33.

TEACHING and MENTORING

Tutor or co-Tutor of five PhD thesis at University of Pavia, one Joint PhD thesis at University of Pavia and Université Sorbonne, Paris, and one Joint PhD thesis at university of Pavia and University of the Basque Country.

- 2024: lecturer of the international winter ISAGS school "Assessment of fouling alien species in ports with the SERC protocol and experimental applications", University of Pavia and Smithsonian Environmental Research Center (USA)
- Since 2023: Coordinator of the Erasmus Blended Intensive Programme 'Marine Environmental threats' (Consortium: University of Pavia, University of Basque Country, Spain, and University of Azores, Portugal)

- Since 2022: President of the teaching committee of the 'Natural Sciences' degree at the University of Pavia
- Since 2021: Coordinator of 'PLS- Piano Lauree Scientifiche' (Natural and Environmental Sciences) for Pavia University
- 2019-2022: Deputy President of the teaching committee of the 'Natural Sciences' degree at the University of Pavia
- 2019 and 2021: Organiser and lecturer of the international summer school 'Monitoring marine alien species in ports using the SERC protocol', University of Pavia and Smithsonian Environmental Research Center (USA)
- Since 2018: responsible for University of Pavia of the joint Master programme IMBRSea – International Master in Marine Biological Resources
- Since 2017: Member of the PhD board of Earth and Environmental Sciences, University of Pavia
- 2016-19: Lecturer of 'Ecology', 'Laboratory of Ecology' and 'Freshwater Ecology' at the University of Pavia
- 2012-2015: online course 'Application of Fuzzy Logic to marine environmental research', in the framework of the Erasmus-Mundus International PhD Program 'MARES'

MEMBERSHIP TO SCIENTIFIC ORGANISATIONS

- Since 2020: invited member of the GESAMP (Group of Experts on the Scientific Aspects of Marine Environmental Protection) Working Group on Biofouling Management (WG44), sponsored by IOC-UNESCO and UNDP
- Since 2020: invited member of EASIN (European Alien Species Information Network) Editorial board, coordinated by the EC Joint Research Center
- Since 2018: member of the Working Group on Invasive Alien Species (WGIAS) of the European Commission DG-Environment
- Since 2018: member of INVASIVESNET, the International Association for Open Knowledge on Invasive Alien Species. Interview on the newsletter of the Association in October 2019
- Since 2016: Member of the Working Group on Introductions and Transfer of Marine Organisms (WGITMO) of the ICES (International Council for the Exploration of the Sea)
- Since 2012: member of the Editorial board of AquaNIS (Aquatic Non-Indigenous Species), coordinated by Prof. S. Olenin, University of Klaipėda (Lithuania)

PROJECTS

- 2023-ongoing: "EUROPAM: European Spatial-Temporal Large-Scale Sea Noise Management & Passive Acoustic Monitoring of Marine Megafauna". Supported by: MUR, call Biodiversa+ 2022. Role: team leader.
- 2022-ongoing: "Trophyc: The TROphic geography of marine bioinvaders: the Atlantic blue crab *Callinectes sapidus* in the Mediterranean Sea as model species". Supported by: MUR, call PRIN 2022. Role: Deputy PI.
- 2019-ongoing: "A brick against alien species", promoted by the University of Pavia crowdfunding platform 'Universitiamo by UNIPV'. Role: Project manager
- 2019: "Technical and Scientific Support in relation to implementation of Regulation 1143/2014 on Invasive Alien Species", Consultancy commissioned by IUCN

- 2011-2015: EU-PF7 "VECTORS - Vectors of Change in Oceans and Seas Marine Life, Impact on Economic Sectors" (no. 266445) coordinated by Plymouth Marine Laboratory, UK. Member of the University of Pavia research team, lead by prof. Anna Occhipinti
- 2009-2010: "3 AAMMPP - Studio degli ambienti di grotte marine sommerse (codice habitat 8330) nelle aree marine protette di Pelagie, Plemmirio e Capo Caccia". Collaboration contract assigned by ConISMa (Consorzio Interuniversitario per le Scienze del Mare)
- 2007-2008: EU-PF6 "IMPASSE" (Environmental IMPact of Alien SpecieS in aquaculturE) coordinated by University of Hull (UK). Three collaboration contracts assigned by University of Pavia.

INVITED TALKS, SEMINARS, LECTURES

- 2022: Chair at the 2nd IMO GloFouling R&D Forum, London, UK.
- 2020: invited lecture at the International Training School "Science Communication - sharing experiences and stories", in the framework of COST Action: CA17122 Alien-CSI (Crete, Greece)
(CANCELLED DUE TO COVID-19 PANDEMICS)
- 2020 invited Webinar for the IMO GloFouling international webinar series
- 2019: advanced course "Non-indigenous and Cryptogenic Peracarid Crustaceans in Israeli Mediterranean Marinas", University of Tel Aviv and The Steinhardt Museum of Natural Sciences, Israel
- 2019: talk at the Workshop "Impact of alien species on Sardinian Ecosystems", University of Cagliari, Italy
- 2019 talk at the 1st GEF-UNDP-IMO GloFouling R&D Forum and Exhibition on Biofouling Management, Melbourne (Australia)

EDITORIAL ACTIVITY

- 2020-21: Guest co-Editor of a Special Issue entitled 'Biological Invasions in Changing Aquatic Ecosystems: future perspectives' for the journal Water
- Since 2018: Academic Editor for the Journal PLOS ONE (since 2018), Mediterranean Marine Science (Since 2018) BioInvasion Records (since 2017).
- 2017-18: 'Guest co-Editor' of a 'Research Topic' entitled "Three Decades of Marine Invasion Science - Achievements and Challenges" for the journal Frontiers in Marine Sciences
- Since 2015: Thematic editor of amphipods for the online database WRIMS
- 2012-13 and 2015-17: Co-Editor of the Italian edition of 'Elements of Ecology' (8th and 9th edition), by Thomas M. Smith & Robert L. Smith.
- Since 2006: over 140 reviews for 50 journals

MOST RELEVANT MERITS

- 2018-2020: coordinator of the Horizon Scanning Exercise on marine alien species for Italy, conducted by the Italian Society of Marine Biology (SIBM) and lead by the Italian Institute for Environmental Protection and Research (ISPRA)
- since 2018: language responsible for the Italian version of the risk screening tool for aquatic invasive species 'AS-ISK'
- 2018: invited expert for the Horizon Scanning exercise of marine alien species in European Seas, coordinated by the EU Joint Research Center
- 2018: invited expert at the 'Invasion hotspots' workshop, Puerto Madryn - Patagonia

- 2018: host of a Short-Term-Scientific-Mission entitled "From marinas to diving spots: risk assessment of marine Non-Indigenous Species dispersal", granted to Mrs. Paola Parretti (University of Azores, Portugal) in the framework of COST Action CA15121: "Advancing marine conservation in European and contiguous seas (MarCons)"
- 2017: Publons Peer-Review Award – qualified in the top 1% reviewers in the sector 'Agricultural and Biological Sciences'
- 2016: invited expert at the 'Invasion hotspots' workshop, Sydney Institute of Marine Sciences, Australia

OUTREACH

- 2023: *CanYouSea?*, a science-art live performance co-produced with KIRKES ASD and supported by the program DEAR – Development Education and Awareness Raising.
- 2022: Curator of the National Geographic photo exhibition "Capire il cambiamento climatico. Acqua, una risorsa insostituibile", CRC Foundation, Cuneo, Italy.
- 2020: video interview featured in the documentary 'Ocean Aware' by ITN Productions and IMarEST - Institute of Marine Engineering, Science and Technology (UK)
- 2018: video interview by the YouTube Channel 'UCampus', also featured on Italian TV newscast.
- Since 2017: writer of outreach articles for the Italian magazines 'Focus' and 'La Rivista della Natura'
- Since 2016: member of the 'Communication and Promotion Commission' of the Department of Earth and Environmental Sciences, University of Pavia
- Since 2014: mentioned in over 100 articles appeared on local, national and international newspapers, magazines, websites
- Since 2012: organiser and/or speaker at educational, cultural, leisure and crowdfunding events (e.g. Expo, Festivals, clubs, associations, schools etc)

Pavia, 12 April 2024

