PERSONAL INFORMATION

Jasmine Ferrario

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RESEARCH GATE PROFILE: https://www.researchgate.net/profile/Jasmine_Ferrario

GOOGLE SCHOLAR PROFILE: https://scholar.google.it/citations?hl=it&user=IIM-X_MAAAAJ&view_op=list_works

CLARIVATE PROFILE: Web of Science Researcher ID: M-1320-2019

INVASIVESNET PROFILE: https://www.invasivesnet.org/profile/?uid=581

ACADEMIC POSITIONS

Affiliation:
Department of Earth and Environmental Sciences - University of Pavia (Italy)
Via Sant'Epifanio 14, 27100 Pavia, Italy

July 12, 2023 – August 11, 2023

Occasional professional services

Prof. Agnese Marchini – University of Pavia (Italy) - Department of Earth and Environmental Sciences

Data collection and support to the teaching activities related to the ERASMUS+ programme action KA131 – Blended Intensive Programmes (BIP) Marine Environmental Threats

March 1, 2021 – May 31, 2023 (including 3 months of maternity leave)

Post-doc fellow

Prof. Anna Occhipinti – University of Pavia (Italy) - Department of Earth and Environmental Sciences

Bridging knowledge gaps in biological invasions of marine fouling organisms: identification of optimal monitoring strategies

January 1, 2017 – December 31, 2020

Post-doc fellow

Prof. Anna Occhipinti – University of Pavia (Italy) - Department of Earth and Environmental Sciences

Identification of Italian marinas at high risk of non-indigenous species invasion

March 1, 2016 – December 31, 2016

Post-doc fellow

Prof. Anna Occhipinti – University of Pavia (Italy) - Department of Earth and Environmental Sciences

Assessment of non-indigenous species introduction in Italian marinas

November 1, 2012 – October 31, 2015

Award date: January 29, 2016

PhD: Experimental Ecology and Geobotany

Tutor: Prof. Anna Occhipinti / Co-Tutor: Dr. Agnese Marchini – University of Pavia (Italy) - Department of Earth and Environmental Sciences

Thesis "Marine non-indigenous species introduction, water quality assessment and risk prevention: role of vessels in primary introduction and secondary spread"

June 1, 2012 – September 30, 2012

Research fellow

Prof. Anna Occhipinti – University of Pavia (Italy) - Department of Earth and Environmental Sciences

Taxonomic identification of macrozoobenthic species on hard substrate in marine transitional waters and management of a database on non-indigenous species.

EDUCATION AND TRAINING

September 2021-September, 2022

Training Course on "Public Engagement for researchers" (40 hours)

National Museum of Science and Technology Leonardo da Vinci, Milan, Italy
MEKE: Museum Engagement for Knowledge Exchange

April 1, 2020

Online Training Course on "Agenda 2030 and sustainable development goals"

Alleanza Italiana per lo Sviluppo Sostenibile - ASviS.
Agenda 2030: description and strategies of implementation of the 17 Sustainable Development Goals.

February 6, 2018

Training for Environmental Operators

LIFE ASAP: Alien Species Awareness Program, LIFE15 GIE/IT/001039 – University of Pavia
Alien species: what and how to communicate to the civil society – Pavia (Italy)

January 26-30, 2015

Experimental Design and Analysis of Multivariate Data

Prof. Victor Quintino - University of Aveiro (Portugal)
Experimental design, multivariate analysis, clustering, ordination, hypothesis testing. Use of the software PRIMER v6 with the add-on PERMANOVA+

September 22-26, 2014

VECTORS Ecosystem Services Summer School

VECTORS Project - Plymouth Marine Laboratory (PML) – Plymouth (UK)
Ecosystem services: economic valuation methods, alternative non-monetary approaches to their assessment, their application and implications for marine governance

April 9-11, 2014

Alien Challenge Training School

COST Action TD1209 ALIEN Challenge, hosted by the Hellenic Centre for Marine Research (Hydrobiological Station of Rhodes, Greece)
Non-indigenous species sampling and taxonomic identification

October 7-9, 2013

Course: Marine amphipod crustaceans taxonomy

Dr. Sabrina Lo Brutto (University of Palermo, Italy) and Dr. Traudl Krapp-Schickel (Forschungsmuseum A. Koenig)

Taxonomic identification keys of amphipods

November 2010 – August 2011
110/110 cum laude

Postgraduate course: Applied Coastal Sciences

University of Parma (Italy), ENEA Santa Teresa, Centro Ricerche Marine, (La Spezia-Italy)
Thesis “Analisi storica dei dati sulle praterie a fanerogame marine (*Posidonia oceanica* e *Cymodocea nodosa*) nel tratto di costa tra Levanto e Monterosso” Tutor: Dr. Andrea Peirano

September 19-26, 2010

I.S.S.D. (International School of Scientific Diving)

23° I.S.S.D. (Elba Island - Italy)

October 2008 – July 2010
108/110

Master Degree: Marine Biology

University of Pisa (Italy)

Thesis “Misure metaboliche delle praterie di *Posidonia oceanica* (Codice Habitat 1120) attraverso l'utilizzo della camera bentica” Tutor: Prof. Francesco Cinelli

October 2005 – July 2008
110/110

Bachelor degree: Sciences and Technologies for Nature – Environmental Science and Management

University of Pavia (Italy)

Thesis “Saprolegnie colonizzanti carcasse di trota in un torrente dell'Appennino Piemontese” Tutor: Prof. Giuseppe Del Frate

TEACHING

A.Y. 2023/2024

Adjunct Professor for the bachelor’s degree in Biological Sciences (University of Pavia)

“Ecology” - 2 CFU

A.Y. 2023/2024

Adjunct Professor for the master's degree in Experimental and Applied Biology (University of Pavia)

"Marine and Freshwater Ecology" - 3 CFU

April 18-19, 2023

Teaching mobility Erasmus+

University of Cadiz (Spain). Reference Professor: Ignacio Gestoso Garcìa. Teaching hours: 8.

Erasmus+ programme A.Y. 2022/2023 (KA131)

September 26-28, 2022

Teaching mobility Erasmus+: "Introduction to the study of marine non-indigenous species in the Mediterranean Sea: sampling techniques, taxonomic identification and vectors of introduction"

University of Alicante (Spain). Reference Professor: Alfonso Ramòs-Esplà. Teaching hours: 14.

Erasmus+ programme A.Y. 2021/2022 (KA103)

A.Y. 2019/2020 - A.Y. 2022/2023

Adjunct Professor for the master's degree in Natural Sciences (University of Pavia)

"Methods and techniques in underwater ecology" - Part 1 Ecology : 3 CFU

November 9, 2021

Lecturer for ATS Pavia: "Sustainability of seafood production" (2:30 hours)

ATS Pavia – UOS Formazione e benessere organizzativo

June 28 – July 2, 2021

Lecturer within the Second International Summer School "Monitoring marine alien species in ports with the SERC protocol"

Summer School organized and hosted by the University of Pavia, in collaboration with the Smithsonian Environmental Research Center (USA). Reference Professor: Agnese Marchini; Organizing committee: Agnese Marchini, Jasmine Ferrario, Anna Occhipinti, Marco Tamburini

Lectures: "Taxonomic identification of bryozoans and other sessile taxa"

June 29, 2020

Lecturer within the webinar "Monitoring marine alien species in ports: experiences from Italy and USA, and the importance of networking"

Webinar promoted by the Summer School "Monitoring marine alien species in ports with the SERC protocol", organized by the University of Pavia and the Smithsonian Environmental Research Center (USA). Reference Professor: Agnese Marchini;

https://www.youtube.com/watch?v=EgxtvfTbFBo

September 23-27, 2019

Lecturer within the First International Summer School "Monitoring marine alien species in ports with the SERC protocol"

Summer School organized and hosted by the University of Pavia, in collaboration with the Smithsonian Environmental Research Center (USA). Reference Professor: Agnese Marchini; Organizing committee: Agnese Marchini, Jasmine Ferrario, Anna Occhipinti, Marco Tamburini

Lectures: "Fouling species in port habitats", "Taxonomic identification of bryozoans"

February 9-16, 2019

Teaching mobility in Tunisia: Sampling techniques and identification of fouling species in port habitats

Institut National Agronomique de Tunisie (INAT, University of Carthage). Lectures organized for students from the second year of Fishing and Environmental Engineering, within the course of "Benthos and Zoology of Marine Invertebrates". Reference Professor: Jamila Ben-Souissi.

A.Y. 2016/2017, 2017/2018,

Teaching assistant in "Ecology of marine and inland waters"

2018/2019, 2020/2021 — University of Pavia – Prof. Anna Occhipinti

A.Y. 2016/2017, A.Y. 2019/2020 — Teaching assistant in “Ecology”
University of Pavia – Prof. Anna Occhipinti

A.Y. 2016/2017 — Tutor in “Applied ecology, laboratory analyses and field activities”
University of Pavia – Prof. Agnese Marchini

MENTORING

Tutor in Biologica Sciences bachelor's degree thesis

- Performance of different methods for marine non-indigenous species monitoring. Candidate: Ingrid Ravasi; Tutor: Jasmine Ferrario; Co-tutor: Agnese Marchini; A.Y. 2022/2023

Tutor in Natural Sciences and Technology bachelor's degree thesis (University of Pavia, Italy)

- Monitoraggio di specie marine non indigene: analisi della comunità *fouling* presso la marina di Le Grazie (SP). Candidate: Alessandro Piazza, Tutor: Jasmine Ferrario, Co-tutor: Marco Tamburini; A.Y. 2019/2020
- Specie non indigene del benthos sessile nella marina di Fezzano: metodi di campionamento a confronto. Candidate: Chiara Mondaini, Tutor: Jasmine Ferrario; A.Y. 2019/2020
- Analisi di comunità fouling nel porto di La Spezia in due anni consecutivi: focus sulla componente mobile. Candidate: Lisa Bellini, Tutor: Jasmine Ferrario; Co-tutor: Agnese Marchini; A.Y. 2019/2020
- Indagine sulla presenza di specie marine non indigene in comunità fouling nella marina di Fezzano. Candidate: Laura Francia, Tutor: Jasmine Ferrario; Co-tutor: Agnese Marchini; A.Y. 2020/2021
- Indagine sull'infestazione parassitica del granchio alloctono introdotto *Rhithropanopeus harrisii* (Gould, 1841). Candidate: Elena Barboni, Tutor: Jasmine Ferrario; Co-tutor: Agnese Marchini; A.Y. 2021/2022

Tutor in Biologica Sciences master's degree thesis (University of Pavia, Italy)

- Comparison among sampling methods to assess non- indigenous species in ports and application of DNA barcoding to disentangle the identity of colonial ascidians. Candidate: Lucia Foresto; Tutors: Anna Occhipinti, Jasmine Ferrario; Co-tutors: Lino Ometto, Ayda Khorramnejad; A.A. 2021/2022

Co-tutor in Biological Sciences bachelor's degree thesis (University of Pavia, Italy)

- Identificazione di specie aliene nel settore settentrionale della Laguna di Venezia: comunità bentonica sessile. Candidate: Carlotta Mariafrancesca Meriggi, Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario, Relato Sconfietti; A.Y. 2012/2013
- Imbarcazioni turistiche e dispersione di specie non indigene marine: valutazione delle abitudini e consapevolezza dei diportisti tramite interviste. Candidate: Greta Gaiani, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2012/2013
- First european finding in the Ligurian Sea (North-Western Italy) of the Pacific bryozoan *Watersipora arcuata*. Candidate: Anja Nikolova, Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario e Agnese Marchini; A.Y. 2013/2014
- Specie non indigene marine in Mediterraneo: analisi del benthos sessile nei più frequentati porti turistici. Candidate: Elisa Princisgh, Tutor: Agnese Marchini, Co-tutors: Jasmine Ferrario e Aylin Ulman; A.Y. 2016/2017
- *Fouling* di imbarcazioni e marine turistiche mediterranee a confronto: analisi della componente sessile non indigena. Candidate: Ada Bandi, Tutor: Agnese Marchini, Co-tutors: Jasmine Ferrario e Aylin Ulman; A.Y. 2016/2017
- Relazione tra abitudini di utilizzo delle imbarcazioni ricreative e livello di *biofouling*: indagine nel Mar Mediterraneo. Candidate: Alberto Orengo, Tutor: Agnese Marchini, Co-tutors: Jasmine Ferrario e Aylin Ulman; A.Y. 2016/2017
- Monitoraggio di specie non indigene marine tramite il protocollo SERC: focus sulla fauna bentonica mobile nella marina di Fezzano (SP). Candidate: Alice Grioni, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2018/2019
- Monitoraggio di specie non indigene marine tramite il protocollo SERC: focus sulla fauna bentonica mobile nella marina di Le Grazie (SP). Candidate: Federica Gola, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2018/2019
- Metodi di campionamento a confronto per l'analisi di comunità *fouling*: focus sulla fauna bentonica sessile nella marina turistica Le Grazie (SP)Candidato: Cristina Cremonesi, Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario, Marco Tamburini; A.Y. 2019/2020
- Rilevamento di specie non indigene marine in comunità *fouling*: metodi di campionamento a confronto. Candidate: Giulia Quaini, Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario, Marco Tamburini; A.Y. 2019/2020
- Monitoraggio di specie marine non indigene con il metodo SERC: analisi della fauna mobile nel porto di La Spezia. Candidate: Lorenzo Pizzamiglio, Tutor: Agnese Marchini, Co-tutor: Jasmine Ferrario; A.Y. 2019/2020
- Comunità bentoniche sessili a confronto nel porto turistico di San Remo e nel porto incompiuto di Ospedaletti. Candidate: Danilo Quaroni, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2020/2021
- Confronto tra metodi di campionamento per l'identificazione di specie non indigene del fouling: il caso studio del Circolo Nautico di Livorno. Candidate: Elisa Bigarella, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2020/2021
- Comunità *fouling* a confronto in due porti del Ponente ligure a diverso impatto antropico. Candidate: Beatrice Grosso, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario, Federica Gazzola; A.Y. 2020/2021
- Il monitoraggio della fauna a invertebrati marini mobili nella Baia di Santa Teresa (SP) rivela un'elevata abbondanza di specie aliene. Candidate: Alessandro Migliavacca, Tutor: Agnese Marchini, Co-tutor: Jasmine Ferrario; A.Y. 2020/2021
- Monitoraggio di specie non indigene marine tramite il metodo SERC: analisi della fauna mobile nella baia di Santa Teresa. Candidate: Alice Dulaj, Tutor: Agnese Marchini, Co-tutor: Jasmine Ferrario; A.Y. 2021/2022

- Indagine sulla presenza di specie non indigene nella Marina di Fezzano: confronto tra due metodi di campionamento. Candidate: Giulia Riva, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2021/2022
- Valutazione dell'efficacia di trattamenti antivegetativi attraverso l'uso d'analisi d'immagine su specie appartenenti alle comunità fouling portuali. Candidate: Sonia Granziero, Tutor: Agnese Marchini, Co-tutors: Jasmine Ferrario, Mar Santos Simon; A.Y. 2022/2023

Co-tutor in Natural Sciences and Technology bachelor's degree thesis (University of Pavia, Italy)

- Marine turistiche del Mar Rosso: sorgente di specie non indigene per il Mar Mediterraneo?. Candidate: Matteo Bertoni, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2019/2020
- Identificazione di specie non indigene marine nel Golfo di La Spezia: focus sulla componente mobile. Candidate: Gianmarco Riva, Tutor: Agnese Marchini, Co-tutor: Jasmine Ferrario; A.Y. 2020/2021
- Confronto tra specie non indigene rinvenute nella marina di Viareggio negli anni 2013 e 2021. Candidate: Valentina Antoninetti, Tutor: Agnese Marchini, Co-tutor: Jasmine Ferrario; A.Y. 2021/2022

Co-tutor in Biological Sciences master's degree thesis (University of Pavia, Italy)

- Identificazione dei popolamenti a Crostacei Peracaridi del porto di Olbia e ipotesi sull'origine della componente non-indigena. Candidate: Carmelo Bonuomo, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2014/2015
- Resistenza biotica di comunità fouling all'introduzione di specie aliene: esperimenti di trapianto nel Golfo di La Spezia. Candidate: Marcella Lo Vullo, Tutor: Anna Occhipinti, Co-tutor: Jasmine Ferrario; A.Y. 2019/2020
- Invasioni biologiche: indagine sperimentale sulla predazione di specie aliene nel Golfo di La Spezia. Candidate: Laura Piazzese, Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario, Marco Tamburini; A.Y. 2020/2021
- Comparison between the abundances of non-indigenous species in a recreational marina and in the nearby natural environment. Candidate: Alessandro Nota; Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario, Agnese Marchini; A.Y. 2022/2023

Co-tutor in Erasmus Mundus IMBRSea (International Master of Science in Marine Biological Resources) master's degree thesis:

- Testing the biotic resistance of native communities against non-indigenous species. Candidate: Francesco Festa Marzotto, Tutor: Agnese Marchini; Co-tutor: Jasmine Ferrario, Marco Tamburini; A.Y. 2020/2021

Co-tutor in Marine Biology master's degree thesis (University of Bologna, Campus Ravenna)

- Spatial-temporal variability of the benthic communities in Ravenna harbour using Autonomous Reef Monitoring Structures (ARMS) with focus on Non-Indigenous Species (NIS). Candidate: Alessandro Piazza, Tutor: Federica Costantini, Co-tutors: Barbara Mikac, Jasmine Ferrario; A.Y. 2021/2022

Co-tutor in Earth and Environmental Sciences PhD project (University of Pavia, Italy)

- Colonization success of marine non-indigenous species across habitats and climate scenarios. Candidate: Marco Tamburini, Tutor: Anna Occhipinti, Co-tutors: Jasmine Ferrario, Gregory Ruiz; A.Y. 2018/2019 – A.Y. 2020/2021
- Management of bioinvasions in ports: exploring sustainable solutions to increase native biodiversity and exploit non-native fouling species. Candidate: Salvatore Coco, Tutor: Agnese Marchini, Co-tutor: Jasmine Ferrario; A.Y. 2022/2021 – ongoing

PROJECTS

April 2019 – Ongoing

A brick against alien species

Crowdfunding project available at the UNIVERSITIAMO platform of the University of Pavia. Coordinator: Prof. Anna Occhipinti; Team members: Dr. Agnese Marchini, Dr. Jasmine Ferrario and Marco Tamburini.
This project aims to promote a monitoring programme of marine fouling communities from high-risk sites, using a protocol developed in USA and applied here for the first time in the Mediterranean Sea: it consists in the immersion in the sea of bricks tied to artificial substrates (PVC plates) on which marine organisms can settle and grow (https://universitiamo.eu/campaigns/un-mattone-contro-le-specie-aliene/).

RESEARCH/EXPERIENCE ABROAD AND INTERNATIONAL COLLABORATIONS

2018 - ongoing

Collaboration with the Smithsonian Environmental Research Center (SERC, USA)

Dr. Gregory Ruiz and Dr. Erica Keppel (SERC)
Collaboration established for the implementation in Italy of a long-term survey of fouling communities using a protocol developed by SERC. This collaboration aims to establish a new data-collection point in the Mediterranean Sea to evaluate regional biodiversity, promote large-scale comparisons across global regions and test key scientific questions.

July 24-25, 2018

Scientific diving sessions in Maltese harbours

Prof. Alan Deidun – Department of Geosciences, University of Malta
Invitation to participate in diving survey sessions conducted in Maltese harbours, with the aim of reporting non-indigenous species of fouling assemblages - Project EMFF 8.3.1 (European Maritime and Fisheries Fund 2014-2020)

October 1, 2017 – November 26, 2017

Short Term Scientific Mission within the COST Action CA15121

MARE (Marine and Environmental Sciences Centre) – Quinta do Lorde, Madeira Island (Portugal)
Host Scientific Expert: Dr. João Canning-Clode
Project: Marine non-indigenous species in "green harbours": designing artificial substrates that reduce biological invasions

August 2007 – October 2007

Volunteering within the Sea Turtle Protection Project

CEA (Centro Ecologico Akumal) – Akumal, Mexico

PARTICIPATION BY INVITATION TO WORKSHOPS

September,15-17, 2023

Invitation as guest speaker to the 19th International Tunisian Days of Marine Science, Hammamet (Tunisia)

Presentation of an oral communication "Rate of detection of fouling non-indigenous species by four different sampling methods"

July 4, 2023

Invitation for participation to the 3rd workshop of the CNR project "USEit: Come migliorare il monitoraggio delle specie aliene invasive (IAS)?"

Online participation.
Aim: Assessment of the data collection procedures to produce CNR guidelines on the monitoring of IAS in Italy.

May 11-13, 2023

Invitation for participation to the workshop "Non-indigenous species (NIS) sentinel site workshop"

Smithsonian Environmental Research Center, Edgewater, Maryland (USA)
Sentinel sites to track status and trends of invasions

October 27, 2022

Invitation for participation to the workshop "Strategia marina e specie aliene: monitoraggi ed esperienze pilota finalizzate a garantire il buono stato dell'ambiente marino"

Organization committee: Ministero della Transizione Ecologica, Direzione Generale Patrimonio Naturalistico e Mare, Italy
Presentation of one oral contribution: "Applicazione di un protocollo americano per il monitoraggio delle specie aliene in comunità fouling"

September 18, 2021

Invitation for participation to the workshop "Scafi puliti essenziali per una nautica sostenibile e per la biodiversità marina"

Organization committee: ICOMIA, Confindustria Nautica, Gruppo Boero; 61 Genoa Boat Show, Genoa, Italy

June 15-18, 2021

Invitation for participation to the workshop "Biological invasions in the Red Sea: emerging challenges and opportunities"

Organization committee: Michael Berumen, Eva Aylagas, Susana Carvalho (Red Sea Research Center – King Abdullah University of Science and Technology, Saudi Arabia). https://marinebiosecurity.kaust.edu.sa

January 21-23, 2020

Workshop MARE mini-grant - Madeira

Dr. Ignacio Gestoso – MARE (Marine and Environmental Science Centre)
Invitation to participate at this workshop in Madeira (Portugal) as expert of Bryozoa taxonomy within the MARE mini-grant 2017 project "Development of a new methodology for the study of bioinvasions on coastal communities: experimental test across insular and continental systems" (supported through the strategic project UIDB/04292/2020 granted to MARE–Marine and Environmental Sciences Centre).

ORGANISATIONAL / MANAGERIAL SKILLS

Good organization and management skills to work in teams as well as independently.

- Management of the laboratory of ecology (University of Pavia) for ongoing research and student thesis (from 2013).
- Organization of several laboratory activities on marine ecology for bachelor and master students (University of Pavia; from 2013);
- Organization of a training school for bachelor and master students (University of Pavia) on sampling techniques in marine ecology, Palmaria island (La Spezia) – Italy, June 11-13, 2018.
- Organization of the first and second edition of the International Summer School "Monitoring marine alien species in ports with the SERC protocol" at the University of Pavia – September 23-27, 2019; July 13-17, 2020 (postponed to 2021; http://aliensummerschool.unipv.it).
- Organization of fundraising events within the project "A brick against alien species".

NATIONAL CONFERENCES

1. 44° Congress SIBM (Italian Society of Marine Biology, Rome - Italy, May 14-16, 2013), presentation of 1 poster: **Ferrario J.**, Savini D., Lodola A., Marchini A. & Occhipinti-Ambrogi A. "Risk of non-indigenous species introduction via international sea food trade: the case of Chioggia fish market"
2. XXIII Congress S.It.E. (Italian Society of Ecology, Ancona – Italy, September 16-18, 2013) presentation of 1 poster: **Ferrario J.**, Marchini A. & Occhipinti-Ambrogi A.," Imbarcazioni turistiche e rischio di dispersione di specie non-indigene: valutazione della consapevolezza dei diportisti tramite interviste online"; presentation of 1 oral communication: **Marchini A.**, Ferrario J. & Occhipinti-Ambrogi A., Valutazione del rischio di dispersione di specie non-indigene dovuto alla nautica da diporto con un modello fuzzy a due livelli
3. 45° Congress SIBM (Italian Society of Marine Biology, Venice - Italy, May 19-23, 2014), presentation of 1 poster: **Ferrario J.**, Marchini A., Lodola A. & Occhipinti-Ambrogi A. "The pseudoindigenous bryozoan *Zoobotryon verticillatum* along the Mediterranean and European Atlantic coasts"
4. XXIV Congress S.It.E (Italian Society of Ecology, Ferrara, September 15-17, 2014): presentation of 1 oral communication: **Marchini A.**, Ferrario J., Sfriso A. & Occhipinti-Ambrogi A., "The "melting pot" biota of the Lagoon of Venice, a hotspot of marine NIS introductions in the Mediterranean Sea"
5. 47th Congress SIBM (Italian Society of Marine Biology, Turin, June 13-17, 2016), presentation of 2 posters: **Ferrario J.**, Ulman A., Marchini A., Saracino F., Occhipinti-Ambrogi A. "Non-indigenous fouling species in the marina of Rome"; **Marchini A**., Beffa M.L., Ferrario J., Occhipinti-Ambrogi A. "Ritrovamenti del raro isopode *Eisothistos macrurus* Wägele, 1979 in Sardegna e Liguria e considerazioni sulla sua distribuzione Mediterranea"
6. 1st National Joint Congress SItE – UZI – SIB (Milan, August 30 – September 2, 2016): presentation of 1 poster: **Ferrario J.**, Lorenti M., Martìnez-Laiz G., Ulman A., Marchini A., Occhipinti-Ambrogi A."Anthurid invasion" along the Mediterranean coasts: the spreading of *Mesanthura* cfr. *romulea* and *Paranthura japonica*.
7. 49th SIBM Congress (Italian Society of Marine Biology, Cesenatico – Italy, June 4-8, 2018), presentation of 2 posters: **Cardeccia A.**, Ferrario J., Marchini A., Occhipinti-Ambrogi A. "Marine and brackish non-indigenous species and their distribution in the Italian regions"; **Ferrario J.**, Cardeccia A., Bogi C., Langeneck J., Marchini A., Ulman A., Occhipinti-Ambrogi A. "Fouling community in the harbour of Piran (Slovenia)".
8. XXVIII Congress SItE (Società Italiana di Ecologia, Cagliari, Italy, September 12-14, 2018): presentation of 1 oral communitation: **Marchini A.**, Cardeccia A., Andaloro F., Azzurro E., Carnevali L., Castelli A., Cecere E., Donnarumma L., Ferrario J., Genovesi P., Giangrande A., Gravili C., Grieco F., Langeneck J., Mancinelli G., Mastrototaro F., Mazziotti C., Mistri M., Montesanto F., Munari C., Orsi-Relini L., Petrocelli A., Piazzi L., Relini G., Russo G.F., Sfriso A., Occhipinti-Ambrogi A. "Prioritizing invasive alien species in Italy: screening of marine alien species"
9. 50th SIBM Congress (Italian Society of Marine Biology, Leghorn, June 10-14, 2019): presentation of 2 oral contributions: **Ferrario J.**, Ulman A., Occhipinti-Ambrogi A., Bandi A., Bogi C., Princisgh E., Martinez-Laiz G., Merlo G., Scribano G., Marchini A. "High occurrence of non-indigenous species on recreational boat hulls in the Mediterranean Sea"; **Occhipinti-Ambrogi A.**, Andaloro F., Azzurro E., Cardeccia A., Carnevali L., Castelli A., Cecere E., Donnarumma L., Ferrario J., Genovesi P., Giangrande A., Gravili C., Grieco F., Langeneck J., Mancinelli G., Mastrototaro F., Mazziotti C., Mistri M., Montesanto F., Munari C., Orsi-Relini L., Petrocelli A., Piazzi L., Relini G., Russo G.F., Sfriso A., Marchini A. "Prioritizing marine alien species in Italy for the implementation of a list of invasive alien species of national relevance in the framework of the EU regulation 1143/2014 and the Italian executive decree 23/2017"; 1 poster: **Tamburini M.**, Ferrario J., Marchini A., Grioni A., Keppel E., Lombardi C., Nannini M., Repetto M.F., Ruiz G., Occhipinti-Ambrogi A. "Monitoring non-indigenous species in port habitats: application of the 'SERC Protocol' in the Gulf of La Spezia".
10. 30th Congress S.It.E. (Società Italiana di Ecologia, Lecce, On-line October 25-27, 2021): presentation of 2 poster: **Ferrario J**., Tamburini M., Keppel E., Marchini A., Repetto M.F., Ruiz G.M., Occhipinti-Ambrogi A. "Application and promotion of a standardized American protocol to monitoring marine alien species in Mediterranean ports"; **Tamburini M.**, Ferrario J., Festa Marzotto F., Lo Vullo M., Marchini A., Occhipinti-Ambrogi A. "Biotic resistance of native fouling communities to bioinvasion".
11. 32nd Congress S.It.E. (Società Italiana di Ecologia, Catania, September 6-8, 2023): presentation of 1 poster: **Coco S.**, Ferrario J., Tiralongo F., Marchini A. "Preliminary study of the selectivity of artificial and ecofriendly substrates in the re-cruitment of microbenthic communities".

In bold type the presenters

INTERNATIONAL CONFERENCES

1. 40° Congress CIESM – The Mediterranean Science Commission (Marseille – France, September 2013) presentation of 1 poster: Marchini A., Ferrario J. & **Occhipinti-Ambrogi A. "**Recent additions of the alien marine biota along Italian coasts"
2. 50th EMBS (European Marine Biology Symposium, Helgoland September 19-25, 2015): presentation of 2 oral communications: **Ferrario J.**, Marchini A. & Occhipinti-Ambrogi A., "Do harbours and nearby marinas share non-indigenous species? Examples from Northern Italy"; **Marchini A.**, Ferrario J. & Occhipinti-Ambrogi A., "Prioritizing management of non-indigenous species in the Lagoon of Venice: mission impossible?"
3. 9th Conference on Marine Bioinvasions (Sydney, Australia, January 19-21, 2016): presentation of 1 poster: Ferrario J., **Marchini A.**, Occhipinti-Ambrogi A., "Quantifying the risk of fouling of non-indigenous species and spread by recreational boats using fuzzy logic: a case study form Italy"
4. Mares Conference (Olhão, Portugal, February 1-5, 2016): presentation of 1 poster: **Ferrario J.**, Marchini A., Marić M., Minchin D., Occhipinti-Ambrogi A. "Further spreading of the non-indigenous bryozoan *Celleporaria brunnea* in the Mediterranean Sea: port to port morphological variation"
5. EuroMarine Workshop – Management of bioinvasions in the Mediterranean Sea, the way forward (Villa Dohrn-Benthic Ecology Center e Hotel Villa Marina, Ischia, May 4-5, 2016): presentation of 1 oral communication: **Occhipinti-Ambrogi A**., Ferrario J., Marchini A. "Trans-national dispersal of non-indigenous species in the Mediterranean Sea: pathways of secondary spread and control strategies"
6. 16th ICA (International Colloquium on Amphipoda, Aveiro, September 7-11, 2015): presentation of 1 poster: **Marchini A.**, Ferrario J., Nasi E. & Occhipinti-Ambrogi A., 2015. "*Grandidierella japonica* Stephensen, 1938 has appeared in a Mediterranean marina (Tuscany, Italy): first signals of invasion?"
7. 41st Congress CIESM – The Mediterranean Science Commission (Kiel, September 12-16, 2016), presentation of 1 poster: **Marchini A.**, Ferrario J., Occhipinti-Ambrogi A. "The relative importance of aquaculture and shipping as vectors of introduction of marine alien species: the case of Olbia (Sardinia)"
8. 52nd EMBS (European Marine Biology Symposium, Piran - Slovenia, September 25-29, 2017), presentation of 1 oral communications: **Ulman A.**, Ferrario J., Marchini A., Arvanitidis C., Ramos-Espla A., Occhipinti-Ambrogi A. "Recreational boating as a major vector of spread for alien species around the Mediterranean"
9. 9° Youmares (Conference for young marine researchers, Oldenburg, September 11-14, 2018): presentation of 1 poster: El-Metwally M., **Bertoni M**., Ferrario J., Bogi C., Langeneck J., Marchini A., Occhipinti-Ambrogi A. "Red Sea marinas as potential source of marine alien species"
10. 10th International Conference on Marine Bioinvasions (Puerto Madryn, Argentina, October 16-18, 2018): presentation of 4 poster: **Ferrario J**., Gestoso I., Ramalhosa P., Cacabelos E., Canning-Clode J. "Disturbance and fouling communities: the role of non-indigenous species on artificial habitats and natural shores" - El-Metwally M., **Ferrario J**., Bertoni M., Bogi C., Langeneck J., Marchini A., Occhipinti-Ambrogi A. "Who's next? Marinas of the Red Sea, potential sources of marine species introductions in the Mediterranean Sea" - **Parretti P**., Ferrario J., Marchini A., Botelho A.Z., Canning-Clode J., Costa A.C. "Hitch-hiking with diving boats: the risk of non-indigenous species dispersal in islands" - Ulman A., **Ferrario J.**, Forcada A., Seebens H., Arvanitidis C., Occhipinti-Ambrogi A., Marchini A. "Bowed down in a sea of troubles: the role of recreational boats in the spread of alien species in the Mediterranean Sea" - 1 oral communication: **Marchini A.**, Cardeccia A., Andaloro F., Azzurro E., Carnevali L., Castelli A., Cecere E., Donnarumma L., Ferrario J., Genovesi P., Giangrande A., Gravili C., Grieco F., Langeneck J., Mancinelli G., Mastrototaro F., Mazziotti C., Mistri M., Montesanto F., Munari C., Orsi-Relini L., Petrocelli A., Piazzi L., Relini G., Russo G.F., Sfriso A., Occhipinti-Ambrogi A. "Roadmap to the management of marine invasive alien species in Europe: a prioritization exercise in a Mediterranean country"
11. First International Marine and Freshwater Sciences Symposium (MarFresh, Antalya, Turkey, October 18-21, 2018): presentation of 1 oral communication: **Ulman A**., Ferrario J., Forcada A., Seebens H., Arvanitidis C., Occhipinti-Ambrogi A., Marchini A. "Bowed down in a sea of troubles: the role of recreational boats in the spread of alien species in the Mediterranean Sea"
12. 54° EMBS Congress (European Marine Biology Symposium, Dublin – Ireland August 25-29, 2019): presentation of 1 oral contribution: **Ferrario J.**, Ulman A., Facchinetti T., Occhipinti-Ambrogi A., Marchini A. "A fuzzy model to detect Mediterranean marinas at high-risk of marine bioinvasion"; 1 poster: **Ferrario J.**, Ulman A., Occhipinti-Ambrogi A., Bandi A., Bogi C., Martinez-Laiz G., Merlo G., Princisgh E., Scribano G., Marchini A. "High occurrence of non-indigenous species travelling in the Mediterranean Sea by recreational boats" doi: 10.3389/conf.fmars.2019.08.00137
13. XX SIEBM Congress (Iberian Symposium on Marine Biology Studies, Braga - Portugal September 9-12, 2019): presentation of 1 poster: **Gestoso I.**, Ramalhosa P., Cacabelos E., Ferrario J., Castro N., Henriquez G., Monteiro J., Chainho P., Pham C., Castro J.J., Canning-Clode J. "A new methodology for the study of biological invasions on coastal communities".
14. 1st GEF-UNDP-IMO GloFouling R&D Forum and Exhibition on Biofouling Management; 4th ANZPAC Workshop on Biofouling Management for Sustainable Shipping (Melbourne – Australia October 1-4, 2019): presentation of 1 oral contribution: **Marchini A.**, Arvanitidis C., Ferrario J., Forcada A., Occhipinti-Ambrogi A., Seebens H., Ulman A. "Fouling on recreational boats as a major spreading vector of non-indigenous species in the Mediterranean Sea"
15. XVIII Journées Tunisiennes des Sciences de la Mer (Kelibia, Tunisia October 26-28, 2019): presentation of 1 contribution: **Ben Souissi J**., Ghanem R., Ounifi-Ben Amor K., Soufi-Kechaou E., Ferrario J., Occhipinti-Ambrogi A., Zaouali J. "Alien invasive fauna spreading via biofouling on marinas in Tunisian waters".
16. International Workshop BluePorts (Gijòn, Spain December 5, 2019): presentation of 1 oral contribution: **Ferrario J.**, Ulman A., Facchinetti T., Occhipinti-Ambrogi A., Marchini A. "A fuzzy model to assess marinas at high-risk of bioinvasion in the Mediterranean Sea"; 1 oral contribution: **Marchini A.**, Arvanitidis C., Ferrario J., Forcada A., Occhipinti-Ambrogi A., Seebens H., Ulman A. "Large-scale assessment of non-indigenous fouling species in Mediterranean ports and recreational boat hulls"; 1 poster: **Tamburini M.**, Ferrario J., Keppel E., Marchini A., Repetto M.F., Ruiz G., Occhipinti-Ambrogi A. "Monitoring non-indigenous species in port habitats:

application of a protocol of the Smithsonian Environmental Research Center in the Gulf of La Spezia (Italy)".

17. 11th International Conference of Biological Invasions NEOBIOTA Online (Vodice, Croatia September 15-18, 2020): presentation of 1 poster: **Martínez-Laiz G.**, Ros M., Guerra-García J.M., Marchini A., Fernandez.Gonzalez V., Vázquez-Luis M., Lionello M., Scribano G., Sconfietti R., Ferrario J., Ulman A., Costa A.C., Micael J., Poore A.G.B., Cabezas P., Navarro-Barranco N. "Scientific collaboration for early detection of hidden-invaders: lessons from *Stenothoe georgiana* Bynum & Fox 1977"
18. Larwood Symposium – International Bryozoology Association (online, October 5-6, 2020); presentation of 1 oral contribution: **Ferrario J.**, Souto-Derungs J., El-Metwally M., Marchini A., Occhipinti-Ambrogi A. "Are Red Sea marinas a source of bryozoans to the Mediterranean Sea?"
19. World Conference on Marine Biodiversity (online, Auckland – New Zealand, December, 13-16 2020); presentation on 1 poster: **Tamburini M.**, Ferrario J., Lo Vullo M., Marchini A. & Occhipinti-Ambrogi A. "Biotic resistance of native communities to bioinvasion"
20. Biological Invasions in the Red Sea, emerging challenges and opportunities (online workshop, Saudi Arabia, King Abdullah University of Science and Technology, June 15-18, 2021); presentation of 1 oral contribution: **Ferrario J.** "Preliminary data about fouling communities in the Egyptian Red Sea"
21. Australarwood X and 17th Larwood Meeting organized – International Bryozoology Association (online, University of Otago, Dunedin, New Zealand, September 29-30, 2021); presentation of 1 oral contribution: **Ferrario J.**, Tamburini M., Marchini A., & Occhipinti-Ambrogi A. "Bryozoans detected during non-indigenous species monitoring in Italian ports"
22. Virtual Joint WGBOSV and WGITMO meeting (online, March 7-11, 2022); presentation of 1 oral contribution: Ferrario J., Tamburini M., Keppel E., Repetto M.F., Ruiz G.M., Occhipinti-Ambrogi A., **Marchini A.** "Establishing the Smithsonian protocol for biofouling monitoring in the Mediterranean Sea: the Italian experience"
23. Marine Key Habitats & NIS Symposia (Genoa, September 19-23, 2022); presentation of 2 oral contribution: **Ferrario J.,** Tamburini M., Lo Vullo M., Occhipinti-Ambrogi A. "A transplant experiment to test the biotic resistance in native fouling communities to bioinvasion"; **Gazzola F.,** Ferrario J., Grosso B., Quaroni D., Tamburini M., Occhipinti-Ambrogi A. "The role of recreational boating in shaping the structure of fouling communities: comparison among Ligurian marinas with different boating traffic"; presentation of 2 posters: **Foresto L.,** Occhipinti-Ambrogi A., Mohamed G., Rota A., Tamburini M., Ferrario J. "Comparison among methods for the assessment of non-indigenous species in fouling communities"; **Santos-Simón M.,** Ferrario J., Benaduce-Ortiz B., Ortiz-Zarragoitia M., Marchini A. "Testing effectiveness of different antifouling and boat maintenance practices in the context of bioinvasions".
24. 2nd GloFouling Partnership Forum and Exhibition on Biofouling Prevention and Management for Maritime Intustries (International Maritime Organization, London, October 11-14, 2022); presentation of 1 oral contribution: **Santos-Simón M.**, Ferrario J., Benaduce-Ortìz B., Ortiz-Zarragoitia M., Marchini A. "Assessment of the effectiveness of different antifouling solutions for recreational boats in the context of bioinvasions"
25. 13th YouMares (Berlin, October 11-14, 2022); presentation of 1 oral contribution: **Foresto L.,** Occhipinti-Ambrogi A., Tamburini M., Ferrario J. "Comparison among methods for the assessment of non-indigenous species in fouling communities"
26. Joint ESENIAS and DIAS Scientific Conference and 11th ESENIAS Workshop (Demre, Antalya, Turkey, November 13-15, 2022); presentation of 1 oral contribution: **Ulman A.,** Ferrario J., Occhipinti-Ambrogi A., Arvanitidis C., Marchini A. "Recreational boating as a major vector of spread of nonindigenous species around the Mediterranean"
27. XI International Conference on Marine Bioinvasions (Baltimore, USA, May 15-19, 2023); presentation of 1 oral contribution: **Ferrario J.,** Foresto L., Tamburini M., Occhipinti-Ambrogi A. "Comparison among sampling methods to assess non-indigenous species presence in fouling communities"; and 3 posters: **Ferrario J**., Marchini A., Gazzola F., Tamburini M., Occhipinti-Ambrogi A. "The effect of recreational shipping intensity on fouling communities in marinas"; Mohamed Nour O., **Ferrario J**., Santos-Simón M., Ramos-Esplá A., Marchini A. "First landing place in the Mediterranean: marine biofouling communities in proximity of the Suez Canal opening"; Santos-Simón M., **Ferrario J**., Marchini A. "Recent detection of an old introduction: the case of *Laticorophium baconi* in the Ligurian Sea"
28. 19th Tunisian Days of Marine Science (Hammamet, Tunisia September 15-17, 2023); presentation of 2 oral contributions: **Ferrario J.**, Foresto L., Ravasi I., Occhipinti-Ambrogi A. "Rate of detection of fouling non-indigenous species by four different sampling methods"; Santos-Simòn M., Ferrario J., Oritz-Zarragoitia M., **Marchini A.** "Antifouling solutions for recreational boats: effectiveness and implications for biofouling management in the context of bioinvasions"

In bold type the presenters

PUBLICATIONS ON SCOPUS INDEX JOURNALS

1. Lodola, A., **Ferrario**, J., Occhipinti-Ambrogi, A. (2015). Further Mediterranean expansion of the non-indigenous bryozoan *Celleporaria brunnea:* multiple records along the Italian coasts. *Scientia Marina,* 79(2): 263-274.
2. Marchini, A., **Ferrario**, J., Sfriso, A., Occhipinti-Ambrogi, A. (2015). Current status and trends of biological invasions in the Lagoon of Venice, a hotspot of marine NIS introductions in the Mediterranean Sea. *Biological Invasions*, 17(10): 2943-2962.
3. **Ferrario**, J., d'Hondt, J. L., Marchini, A., Occhipinti-Ambrogi, A. (2015). From the Pacific Ocean to the Mediterranean Sea: *Watersipora arcuata*, a new non-indigenous bryozoan in Europe. *Marine Biology Research*, 11(9): 909-919.
4. Marchini, A., **Ferrario**, J., Minchin, D. (2015). Marinas may act as hubs for spread of the pseudo-indigenous bryozoan *Amathia verticillata* (Delle Chiaje, 1822) and its associates. *Scientia Marina,* 79(3): 355-365.
5. Corsini-Foka, M., Zenetos, A., Crocetta, F., Çinar, M.E., Koçak, F., Golani, D., Katsanevakis, S., Tsiamis, K., Cook, E., Froglia, C., Triandaphyllou, M., Lakkis, S., Kondylatos, G., Tricarico, E., Zuljevic, A., Almeida, M., Cardigos, F., Çağlar, S., Durucan, F., Fernandes, A.M.D., **Ferrario,** J., … Roy, H.E. (2015). Inventory of alien and cryptogenic species of the Dodecanese (Aegean Sea, Greece): collaboration through COST Action Training School. *Management of Biological Invasion*, 6(4): 351-366.
6. Marchini, A., **Ferrario**, **J.**, Nasi, E. (2016). Arrival of the invasive amphipod *Grandidierella japonica* to the Mediterranean Sea. *Marine*

Biodiversity Records, doi: 10.1186/s41200-016-0049-y
7. Marić, M., **Ferrario**, J., Marchini, A., Occhipinti-Ambrogi, A., Minchin D. (2016). Rapid assessment of marine non-indigenous species on mooring lines of leisure craft: new records in Croatia (eastern Adriatic Sea). *Marine Biodiversity*, 47(3): 949-956.
8. **Ferrario**, J., Marchini, A., Borrelli, P., Gigli Berzolari, F., Occhipinti-Ambrogi, A. (2016). A fuzzy 'boater' model to detect fouling and spreading risk of non-indigenous species by recreational boats. *Journal of Environmental Management*, 182: 198-207.
9. Marchini, A., **Ferrario, J.**, Occhipinti-Ambrogi, A. (2016). Confirming predictions: the invasive isopod *Ianiropsis serricaudis* Gurjanova, 1936 (Crustacea: Peracarida) is abundant in the Lagoon of Venice (Italy). *Acta Adriatica*, 57(2): 331-336.
10. **Ferrario, J.**, & Minchin, D. (2017) Spread of the non-indigenous serpulid *Hydroides sanctaecrucis* Krøyer in Mörch, 1863 in the Pacific Ocean: a new record from Taiwan. *BioInvasions Records,* 6(1): 33-38.
11. **Ferrario, J.**, Caronni, S., Occhipinti-Ambrogi, A., Marchini, A. (2017). Role of commercial harbours and recreational marinas for the spread of fouling non-indigenous species. *Biofouling*, 33(8): 651-660.
12. Marchini, A., Costa, A.C., **Ferrario, J.,** Micael, J. (2018). The global invader *Paracerceis sculpta* (Isopoda: Sphaeromatidae) has extended its range to the Azores archipelago. *Marine Biodiversity,* 48: 1001-1007.
13. Ulman, A., **Ferrario, J.**, Occhipinti-Ambrogi, A., Arvanitidis, C., Bandi, A., Bertolino, M., Bogi, C., Chatzigeorgiou, G., Ali Çiçek, B., Deidun, A., Ramos-Esplà, A.A., Koçak, C., Lorenti, M., Martínez-Laiz, G., Merlo, G., Princisgh, E., Scribano, G., Marchini, A. (2017). A massive update of non-indigenous species records in Mediterranean marinas. *PeerJ* 5: e3954 https://doi.org/10.7717/peerj.3954.
14. **Ferrario**, **J.**, Rosso, A., Marchini, A., Occhipinti-Ambrogi, A. (2018). Mediterranean non-indigenous bryozoans: an update and knowledge gaps. *Biodiversity and Conservation,* 27: 2783-2794.
15. Ulman, A., **Ferrario, J.**, Forcada, A., Arvanitidis, C., Occhipinti-Ambrogi, A., Marchini, A. (2019) Hitchhiker's guide to Mediterranean marina travel for alien species. *Journal of Environmental Management*, 241: 328-339.
16. Ulman, A., **Ferrario, J.**, Forcada, A., Seebens, H., Arvanitidis, C., Occhipinti-Ambrogi, A., Marchini, A. (2019) Alien species spreading via biofouling on recreational vessels in the Mediterranean Sea. *Journal of Applied Ecology*, 56: 2620-2629.
17. Ramos-Esplá, A.Á., Bitar, G., Sghaier, Y.R., Çinar M.E., Deidun, A., **Ferrario, J.**, Ulman, A. (2020) *Symplegma* (Ascidiacea: Styelidae), a non-indigenous genus spreading within the Mediterranean Sea: taxonomy, routes and vector. *Aquatic Invasions,* 15(1): 44-62.
18. **Ferrario, J.**, Gestoso, I., Ramalhosa, P., Cacabelos, E., Duarte, B., Caçador, I., Canning-Clode, J. (2020) Marine fouling communities from artificial and natural habitats: comparison of resistance to chemical and physical disturbances. *Aquatic Invasions,* 15(2): 196-216.
19. Parretti, P., Canning-Clode, J., **Ferrario, J.,** Marchini, A., Botelho, A.Z., Ramalhosa, P., Costa, A.C. (2020) Free rides to diving sites: the risk of marine non-indigenous species dispersal. *Ocean and Coastal Management,* 190: 105158 doi.org/10.1016/j.ocecoaman.2020.105158
20. Katsanevakis, S., Poursanidis, D., Hoffman, R., et al. (2020) Unpublished Mediterranean records of marine alien and cryptogenic species. *BioInvasions Records*, 9(2): 165-182.
21. Martínez-Laiz, G., Ros, M., Guerra-García, J.M., Marchini, A., Fernandez-Gonzalez, V., Vazquez-Luis, M., Lionello, M., Scribano, G., Sconfietti, R., **Ferrario, J.**, Ulman, A., Costa, A.C., Micael, J., Poore, A.G.B., Cabezas, M.P., Navarro-Barranco, C. (2020) Scientific collaboration for early detection of invaders results in a significant update on estimated range: lessons from *Stenothoe georgiana* Bynum & Fox 1977. *Mediterranean Marine Science*, 21(2): 464-481.
22. Tamburini, M., Keppel, E., Marchini, A., Repetto, M.F., Ruiz, G.M., **Ferrario*, J.**, Occhipinti-Ambrogi*, A. (2021) Monitoring non-indigenous species in port habitats: first application of a standardized north American protocol in the Mediterranean Sea. *Frontiers in Marine Science*, 8: 700730; doi: 10.3389/fmars.2021.700730
23. Tamburini, M., Occhipinti-Ambrogi, A., Vullo, M. L., **Ferrario, J.** (2022) Biotic resistance of native fouling communities to bioinvasions could not be demonstrated by transplant experiments in Northern Italy. *Marine Pollution Bulletin*, 182: 113961.
24. Tamburini, M., **Ferrario, J.**, Piazzese, L., & Occhipinti-Ambrogi, A. (2022). Effect of Predation on Fouling Communities in an Italian Hotspot of Non-Indigenous Species. *Journal of Marine Science and Engineering*, 10(10), 1496.
25. Ros, M., Ashton, G.V., Pilar Cabezas, M., Cacabelos, E., Canning-Clode, J., Carlton, J.T., **Ferrario, J.**, Garcìa-de-Lomas, J., Gestoso, I., Marchini, A., Martìnez-Laiz, G., Ruiz, G.M. (2023). Marine bioinvasions in the Anthropocene: challenges and opportunities. In: Espinosa, F. (ed.) *Coastal habitat conservation*. Elsevier, London, UK: 81-110.
26. Diem, A., Ramalhosa, P., Cacabelos, E., **Ferrario, J.,** Castro, N., Henriques, F., ... & Gestoso, I. (2023). Monitoring Non-Indigenous Species with Passive Sampling Methods in an Oceanic Island. *Journal of Marine Science and Engineering*, 11(2), 264.
27. Ragkousis, M., Zenetos, A., Souissi, J. B., et al. (2023). Unpublished Mediterranean and Black Sea records of marine alien, cryptogenic, and neonative species. *Bioinvasions Records*, 12(2): 339-369.
28. Souto, J., Ramalhosa, P., Ferrario, J., Png-Gonzalez, L., Álvarez, S., Gestoso, I., ... & Canning-Clode, J. (2023). New species and new records of bryozoan species from fouling communities in the Madeira Archipelago (NE Atlantic). *Marine Biodiversity*, 53(4), 49.
29. Carvalho, S., Shchepanik, H., Aylagas, E., Berumen, M. L., Costa, F. O., Costello, M. J., Duarte, S., **Ferrario, J**., ... & Zaiko, A. (2023). Hurdles and opportunities in implementing marine biosecurity systems in data-poor regions. *BioScience*, 73(7), 494-512.

*These authors have contributed equally to the work and share senior authorship

OTHER PUBLICATIONS

1. **Ferrario, J.**, Savini, D., Lodola, A., Marchini, A. Occhipinti-Ambrogi A. (2013). Risk of non-indigenous species introduction via international sea food trade: the case of Chioggia fish market. *Biologia Marina Mediterranea* 20 (1): 236-237
2. Marchini, A., **Ferrario, J.** Occhipinti-Ambrogi, A., 2013. Recent additions of the alien marine biota along Italian coasts. *Rapport del la Commission International de la Mer Méditerranée*, 40: 887
3. **Ferrario, J.**, Marchini, A., Lodola, A. Occhipinti-Ambrogi, A. (2014). The pseudoindigenous bryozoan *Zoobotryon verticillatum* along the Mediterranean and European Atlantic coasts. *Biologia Marina Mediterranea* 21(1): 117-118

4. Marchini, A., **Ferrario, J.**, Occhipinti-Ambrogi, A. (2016). The relative importance of aquaculture and shipping as vectors of introduction of marine alien species: the case of Olbia (Sardinia). *Rapport del la Commission International de la Mer Méditerranée*. 41: 430.
5. **Ferrario, J.**, Ulman A., Marchini, A., Saracino, F., Occhipinti-Ambrogi, A. (2016). Non-indigenous fouling species in the marina of Rome. *Biologia Marina Mediterranea*, 23(1): 224-225.
6. Marchini, A., Beffa M.L., **Ferrario, J.**, Occhipinti-Ambrogi, A. (2016). Records of the rare isopod *Eisothistos macrurus* Wägele, 1979 in Sardinia and Liguria and considerations on its Mediterranean distribution. *Biologia Marina Mediterranea*, 23(1): 228-229.
7. **Ferrario, J.**, Cardeccia, A., Marchini, A., Occhipinti-Ambrogi, A. (2017). Invertebrati non indigeni in ambienti marini, di transizione e d'acqua dolce. *Biologia Ambientale*, 31(1): 1-9.
8. **Ferrario, J.**, Bogi, C., Cardeccia, A., Langeneck, J., Marchini, A., Ulman, A., Occhipinti-Ambrogi, A. (2018). Fouling community in the harbour of Piran (Slovenia). *Biologia Marina Mediterranea*, 25(1): 147-151.
9. Cardeccia, A., **Ferrario, J.**, Marchini, A., Occhipinti-Ambrogi, A. (2018) Specie non-indigene marine e delle acque di transizione e loro distribuzione a livello regionale. *Biologia Marina Mediterranea*, 25(1): 139-140.
10. **Ferrario, J.**, Ulman, A., Occhipinti-Ambrogi, A., Bandi, A., Bogi, C., Princisgh, E., Martinez-Laiz, G., Merlo, G., Scribano, G., Marchini, A. (2019) High occurrence of non-indigenous species on recreational boat hulls in the Mediterranean Sea. *Biologia Marina Mediterranea,* 26 (1): 239-242.
11. Occhipinti-Ambrogi, A., Andaloro, F., Azzurro, E., Cardeccia, A., Carnevali, L., Castelli, A., Cecere, E., Donnarumma, L., **Ferrario, J.**, et al. (2019) Prioritizzazione delle specie aliene marine italiane per l'implementazione di una lista specie aliene invasive di rilevanza nazionale ai sensi del regolamento EU 1143/2014 e del decreto legislativo 23/2017". *Biologia Marina Mediterranea,* 26 (1): 255-258.
12. Tamburini, M., **Ferrario, J.**, Marchini, A., Grioni, A., Keppel, E., Lombardi, C., Nannini, M., Repetto, M.F., Ruiz, G., Occhipinti-Ambrogi, A. (2019) Monitoring non-indigenous species in port habitats: application of the 'SERC Protocol' in the Gulf of La Spezia. *Biologia Marina Mediterranea* 26 (1): 125-126.
13. Tamburini, M., **Ferrario, J.**, Marchini, A., Piazza, A., Lo Vullo, M., Occhipinti-Ambrogi, A. (2023) Are fouling non-indigenous species invading Porto Venere bay? An assessment through image analysis. *Biologia Marina Mediterranea* 27 (1): 213-216.
14. Oliva, D., Guastella, R., Lourie, M., Mancin, N., Ferrario, J., Marchini, A. (2023) Impatto della specie invasiva *Amphistegina lobifera* sulla struttura di comunità a foraminiferi bentonici nel Canale di Sicilia. *Biologia Marina Mediterranea* 27 (1): 201-204.

HONOURS AND AWARDS

- Travel grant from SIBM (Italian Society of Marine Biology) to attend the 44th Conference, Rome – Italy, May 14-16, 2013
- Best poster award in memory of Giuseppe Bernardi at the 45° SIBM Congress, Venice – Italy, May 19-23, 2014
- Travel grant from SItE (Italian Society of Ecology) to attend the 1°National Joint Congress SItE – UZI – SIB, Milan – Italy, August 30 – September 2, 2016
- Best poster award at the 49th SIBM Conference, Cesenatico – Italy, June 4-8, 2018

AFFILIATIONS TO SCIENTIFIC SOCIETIES

- Since 2012: member of the Italian Society of Marine Biology (SIBM)
- Since 2013: member of the Italian Society of Ecology (SItE)
- Since 2018: member of the International Bryozoology Association (IBA)
- 2019-2021: member of the Society of Systematic Biologists (SSB)

REVIEW OR EDITORIAL ACTIVITY

- Associate Editor for BioInvasions Records (INVASIVESNET; https://www.invasivesnet.org/profile/?uid=581) and Open Journal of Marine Science (https://www.scirp.org/journal/journalarticles.aspx?journalid=596)
- Reviewer for the following scientific journals: Biodiversitas Journal of Biological Diversity, Bioinvasions Records, Biological Invasions, Community Ecology (Akadémiai Kiadó), Environmental Monitoring and Assessment, Frontiers, Helgoland Marine Research, Journal of Applied Ecology, Journal of Experimental Marine Biology and Ecology, Journal of Marine Science and Engineering, Journal of Oceanology and Limnology, Management of Biological Invasions, Mediterranean Marine Sciences, Marine Environmental Research, Marine Pollution Bulletin, Thalassas: An International Journal of Marine Sciences and Regional Studies in Marine Science.
- Reviewer for the SSB (Society of Systematic Biologists) within the "2019 Graduate Students Research Awards" and "2020 Graduate Students Research Awards" (https://www.systbio.org/graduate-student-research-awards.html).

OUTREACH

2023

- Online press "Un progetto di raccolta fondi Universitiamo by UNIPV invitato a un incontro organizzato dal Ministero dell'ambiente –

UNIPV.news – January 17, 2023 (http://news.unipv.it/?p=74374)

- "Speed Searching for Researchers" event at the University of Pavia organized by the project "Research and Innovation for Cities and Citizens" (EU – Horizon2020 "Science With and For Society") – March 22, 2023

2022

- Participation to the European Night of Researchers at the Museo Nazionale Scienza e Tecnologia Leonardo da Vinci with the event "Speed date con un ricercatore" – September 30, 2022
- Presentation of an oral contribution to the outreach event "Ma cos'è la biodiversità?" organized by Coop 2000, Casalpusterlengo (LO): "Le specie aliene marine" – May 25, 2022

2021

- Participation as speaker to FOCUS Live at the Museo Nazionale Scienza e Tecnologia Leonardo da Vinci, events: "3 minuti di celebrità" and "Speed date con un ricercatore" - November 13, 2021.
- Online press "Biofouling: l'accumulo di microrganismi sotto le barche mette a rischio la biodiversità dei mari" – L'Economia Corriere della Sera – September 21, 2021 (https://www.corriere.it/economia/aziende/nautica/21_settembre_21/biofouling-l-accumulo-microrganismi-sotto-barche-mette-rischio-biodiversita-mari-38f67376-1ab6-11ec-8604-8b77798ec285.shtml?fbclid=IwAR0wj9nECbQz1v93zuzsidCFUAsDOY5cqJ3_NE5-Evs2Dn7vk2vDTHI_1hM)
- News bulletin SIBM n. 79 "Il progetto *fundraising* dell'Università di Pavia "Un mattone contro le specie aliene" compie due anni" – June 2021
- Online press "Oltre 50 partecipanti da 23 Paesi stranieri a Pavia per la Summer School internazionale sulle specie aliene marine – UNIPV.news – June 2021 (http://news.unipv.it/?p=58722)
- Online press "Metti un mattone nel posto barca per studiare la biodiversità" – Secolo XIX La Spezia – May 1, 2021
- Online press "11 Febbraio – Donne in Scienza" – UNIPV.news – February 2021 (http://news.unipv.it/?p=53778)
- Online press "Gruppo Valdettaro e Università di Pavia insieme per un progetto di ricerca nel Golfo" – La Gazzetta della Spezia & Provincia – February 15, 2021 (https://gazzettadellaspezia.it/index.php?option=com_k2&view=item&id=120714)
- Online press "Specie marine 'aliene', prosegue l'intesa tra Valdettaro e Università di Pavia" – Città della Spezia - February 15, 2021 (http://www.cittadellaspezia.com/mobile/golfo-dei-poeti/attualita/specie-marine-aliene-prosegue-l-intesa-tra-valdettaro-e-universita-di-pavia-329432.aspx)

2020

- Online press "I biologi marini dell'Università di Pavia nel documentario delle Nazioni Unite" – Quatarob Pavia – November 25, 2020 (https://www.quatarobpavia.it/biologi-marini-universita-di-pavia-nel-documentario-delle-nazioni-unite/)
- Online press " Specie aliene invasive su chiglie navi e barche. Documentario UNIV. Pavia" – Venice on Air.com – November, 2020 (http://www.veniceonair.com/specie-aliene-invasive-su-chigle-navi-e-barche-documentario-univ-pavia/#)
- News on GloFouling Partnerships website "The role of recreational boating in the spread of invasive species" – November 23, 2020.
- Participation during the filming of the "Ocean Aware" journalist-led film/documentary, promoted by the International Maritime Organization (IMO), co-produced by The Institute of Marine Engineering and Technology (IMarEST) and ITN Production, on biofouling and alien specie issue in marine environments. Film premiere online – Novembre 23, 2020. (https://www.youtube.com/watch?v=HwyDmIkwmaY)
- Online press "I biologi marini dell'Università di Pavia nel documentario dell'ONU "Ocean Aware". L'anteprima il 23 novembre" – Ucampus – November 20, 2020 (http://ucampus.unipv.it/i-biologi-marini-delluniversita-di-pavia-nel-documentario-dellonu-ocean-aware-lanteprima-il-23-novembre/?fbclid=IwAR05qi39arHFx0nmhEWf4o3rdPDM63x1oorS1VwdZ7nkQpP1Z34eQVg6paI)
- Online press – "UNIPV protagonista del documentario "Ocean Aware" dell'International Maritime Organization" (http://news.unipv.it/?p=51916) - UNIPV.news - November 12, 2020
- Press: "Un mattone contro le specie aliene" di Jasmine Ferrario, Agnese Marchini, Anna Occhipinti e Marco Tamburini – "Il Pianeta Azzurro" n.1/2020 (65): 4-6
- Newspaper press (in Italian): "29 GIUGNO – WEBINAR SULLE BIOINVASIONI MARINE, UNA CHIACCHIERATA TRA UNIPV E SMITHSONIAN (USA)" – UNIPV.news (http://news.unipv.it/?p=49159) – June 15, 2020
- YouTube video "STANZE UNIPV - Underwater lockdown" (https://www.youtube.com/watch?v=xJV6yZp-UKg&t=141s) – May 22, 2020
- Article: "Marine alien species on recreational boats: a threat for marine life in the Mediterranean Sea" – The Niche: 13 – Summer 2020
- Online press - "A caccia di specie aliene nel porto di Sanremo, il reportage dello studente Lorenzo Goppa"– Sanremo news.it – September 17, 2020
- Online press - "A caccia di specie "aliene" nei porti di Sanremo e Ospedaletti, la ricerca dell'università di Pavia" – Riviera24.it – September 18, 2020
- Online press "A caccia di specie "aliene" nei porti di Sanremo e Ospedaletti, la ricerca dell'università di Pavia" – Liguria 24.it – 21 Settembre 2020

2019

- Newspaper press (in Italian) “Circolo sub e Sea Shepherd insieme per difendere il mare dalla plastica” – Il Cittadino, December 2, 2019
- Participation to a divulgative event “Quale futuro per il mare? Se gli oceani muoiono, anche noi moriamo”, organized by Sea Shepherd in Casalpusterlengo (LO) – November 29, 2019
- Participation in a divulgative event “Le specie aliene dell’Adda e del Po”, organized by Vivambiente in Castelnuovo Bocca d’Adda (LO) – November 24, 2019
- Participation to a divulgative event “Quale futuro per il Mediterraneo?” in OASI 2030, Milan – October 5, 2019
- Newsletter INVASIVESNET Autumn 2019
- Iconographic contributions for a temporary exhibition in Kosmos, the museum of Natural History of the University of Pavia: “Capire il cambiamento climatico. Plastica: S.O.S dei mari” (a National Geographic project, in collaboration with the University of Pavia, Otm Company e Studeo Group): September 21, 2019 – January 6, 2020
- Newspaper press (in Italian) “L’iniziativa serale al Bassi: bistecche “perfette” e Ogm, la scienza spiegata in pillole” - Il Cittadino, September 23, 2019
- Participation to the event “Pillole di scienza” in Lodi, the photo exhibition “Scatti di Scienza” and the European Researchers Night in Pavia – September 20, 2019; September 23-27, 2019
- Newspaper press (in Italian) “L’orto botanico saluta la fine dell’estate con musiche etniche e il crowdfunding” - La Provincia Pavese, September 14, 2019
- Newspaper press (in Italian) “Riparte la stagione subacquea a Pavia, via ai corsi dopo open day e prove gratuite” - Il Settimanale Pavese, September 12, 2019
- Newspaper press (in Italian): “Un anno di mattone” – UNIPV.news (http://news.unipv.it/?p=41410), September 2019
- Newspaper press (in Italian): “Quello scampo giapponese che vive nel nostro golfo” – Città della Spezia (http://www.cittadellaspezia.com/Golfo-dei-Poeti/Attualita/Quello-scampo-giapponese-che-vive-nel-nostro-golfo-289617.aspx), July 2, 2019
- Participation to The Sustainable Development Festival (ASViS; Festival dello Sviluppo Sostenibile) with a marine laboratory entitled “I segreti degli animali marini”, dedicated to children from primary school: storytelling, marine biology and creativity lab; Univeristy of Pavia, May 26, 2019.
- Communication to general public in Casalpusterlengo (LO, Italy), in collaboration with “L’Altramarea” Diving Team: “Le specie aliene tra noi: come sta cambiando il Mar Mediterraneo” within the crowdfunding project “A brick against alien species”, May 18, 2019.

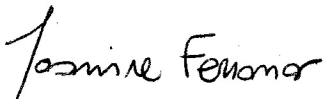
2018

- Newspaper press (in Italian): UNIPV insieme allo Smithsonian (USA) per il monitoraggio delle specie non indigene marine – UNIPV.news (http://news.unipv.it/?p=32928), July 16, 2018

2017

- Newspaper press (in Italian): Gli alieni dei mari che invadono i porti toscani – Toscana Media (http://www.toscanamedianews.it/animali/gli-alieni-dei-mari-che-invadono-i-porti-toscani.htm), August 11, 2017
- Newspaper press (in Italian): Nel Mediterraneo gli alieni arrivano in yacht e barca a vela – greenreport.it (http://www.greenreport.it/news/aree-protette-e-biodiversita/nel-mediterraneo-gli-alieni-arrivano-yacht-barca-vela/), August 14, 2017
- Newspaper press (in Italian): Ospiti “stranieri” popolano le acque del Golfo de Poeti - Il Secolo XIX, La Spezia, August 21, 2017
- Newspaper press (in Italian): Specie marine invasive nel Mediterraneo – Focus (http://www.focus.it/ambiente/ecologia/ecosistemi-specie-marine-esotiche-invasive-nel-mediterraneo), September 5, 2017
- Attendance to “Ciência No Mercado”, Workers’ Market in Funchal (Madeira, Portugal), with MARE (Canning-Clode Marine Lab), November 22, 2017.
- Newspaper article: Mediterranean marinas major hubs for alien species – European Commission (https://easin.jrc.ec.europa.eu/NewsAndEvents/DetailNews/a49150d3-024a-4739-92d3-68b6985efb76), November 10, 2017.

SUMMARY:
Researcher performance

Jasmine Ferrario	Web of Science	Scopus
Number of scientific papers	26	29
Number of citations	688	735
H-Index	13	15

Pavia, September 13, 2023