

CURRICULUM VITAE ILARIA RIGO

Current employment: Post-Doctoral fellow at University of Genoa, Department of Earth, Environmental and Life Sciences (DISTAV)

Education and training

April 22, 2022: Ph.D on Science and Technology for the Environment and the Territory (curriculum Sea Sciences) at Genoa University, Department of Earth Sciences of the Environment and Life, C.so Europa, 26, 16132 Genoa

Thesis title: Assessment of the natural capital and ecosystem services along Ligurian coast: distribution, quantification and dependence on external forcing factors (Supervisor: Prof. Paolo Vassallo)

Evaluation and quantification of the spatial distribution of the natural capital value and environmental flows along the Ligurian coast, also analyzing the influence of some natural and anthropogenic variables on values distribution. Application of systemic methods (QGIS spatial analysis, emergy analysis, Random Forest, questionnaire survey).

September 24, 2018: Master's Degree on Science and Technology for the Environment and the Territory - Marine Sciences at Genoa University, Department of Earth Sciences of the Environment and Life, C.so Europa, 26, 16132 Genoa

Thesis title: Ecological indices for the health assessment of *Posidonia oceanica* (L.) Delile meadows in the East of Liguria region (Supervisors: Prof. Paolo Vassallo – Dr. Alice Oprandi - Dr. Carla Morri)

Grade: 110e cum laude

Study of the health status of five *Posidonia oceanica* meadows along the Ligurian coast through a multilevel approach according to ecological complexity (i.e., species, population, community, landscape, natural capital) and consistency evaluation among the responses these descriptors provide. Assessment and quantification of the natural capital value through the application of emergy analysis.

February 25, 2016: Bachelor's Degree in Environmental Science and Technology at Milano Bicocca University, Piazza della Scienza, 3, 20126 Milan (MI)

Thesis title: Ecosystem services provided by soil: assessment using expeditious methods (Supervisor: Dr. Roberto Comolli)

Grade: 93/110

Training internship for the project "RiconnettiMi-Perchè un riccio passi per il nord Milano", financed by the Cariplo Foundation, which proposed to protect and increase biodiversity in Milan, realizing ecological connections. Pedological surveys were carried out to assess the functionality of some ecosystem services provided by the soil.

Professional experiences

May 2, 2023 - ongoing: Post-Doctoral fellow at Genoa University, Department of Earth Sciences of the Environment and Life, C.so Europa, 26, 16132 Genoa

Title: **Research for the restoration of *Ericaria amentacea* in Ligurian Sea: habitat suitability and maximization of natural capital** (Project title: LIFE REEFORREST)

May 2, 2022 - May 1, 2023: Post-Doctoral fellow at Genoa University, Department of Earth Sciences of the Environment and Life, C.so Europa, 26, 16132 Genoa

Title: **Environmental sustainability assessment of coastal municipalities in the Gulf of Tigullio: analysis of the effects of natural capital and ecosystem services** (Project title: call for European design incentives – BIPE)

November 1, 2021 – May 1, 2022: Postgraduate scholarship at inter-university consortium for the sea sciences (CoNISMa) - Consorzio Plemmirio di Siracusa – Ente gestore dell'Area Marina Protetta Plemmirio

Title: **Data collection and processing for qualitative and quantitative assessment of the natural capital and ecosystem services provided by the MPA; Statistical analysis and processing of information collected; Estimation of the value of ecosystem services provided by the MPA; Updating the MPA's environmental accounting system** (Project title: Plemmirio environmental accounting V)

May 2021: Occasional collaborative assignment at inter-university consortium for the sea sciences (CoNISMa) and the Department of Sciences of the Earth, Environment and Life (DISTAV) of the University of Genoa

Title: **Update of environmental accounting budget** (Project title: Reanalysis and updating of natural capital information through sampling - Plemmirio MPA)

October 1, 2018 - October 31, 2021: PhD in Science and Technology for the Environment and the Territory (Sea Sciences curriculum) at University of Genoa, Department of Earth Sciences of Environment and Life (DISTAV), C.so Europa, 26, 16132 Genova (GE)

May 2018: 21st Science Cruise in Maldives collaborating with the Department of Earth, Environmental and Life Sciences (DISTAV) and the international school for scientific diving (I.S.S.D.), Albatros Top Boat
Coral reef monitoring activities: data collection about cover of biotic descriptors and bleaching consequences.

September - December 2017: Internship at the Portofino Marine Protected Area

Monitoring activities of the San Fruttuoso bay concerning bathing and boating. Administration of questionnaires to bay users to develop method to assess the ecosystem services values.

April 2017: Dissemination activities in marine biology ("Sea Project," by Gianpietro Sara), La Spezia
Topics: fishing, aquaculture and exploitation of renewable resources offered by marine ecosystems.

February - March 2013: Tropical Marine Ecology Internship in the Maldives (Faafu Atoll) collaborating with the Department of Biology, University of Milano Bicocca (MaRHE - The Marine Research and High Education Center)
Coral reef monitoring at Magoodhoo Island, through snorkeling: sampling and visual census through transects (LIT, PIT, BELT), cover estimation of seagrasses and algae (*Thalassia*, *Padina*), corals shapes (*Acropora*, *Pocillopora*).

Teaching activities

February 26, 2024 – May 1, 2024: Teaching support assignment on "Applied Ecology" (6 hours) - Master's Degree Course (10589) - Conservation and Management of Nature (class LM-60), Department of Earth, Environmental and Life Sciences (DISTAV), Genoa University

Topics: practical applications for their assessment and quantification of the natural capital and ecosystem services in terrestrial environment with the software QGIS support.

April 17, 2024: Lesson named "Let's sustain our future!" for the UnigeSenior project (Genova).

Topics: sustainability definition, sustainability concept history.

February 15, 2024: Lesson named " Environmental sustainability: what steps forward we have made " for the institute of higher education Duchessa di Galliera for the PCTO project (Genova).

Topics: sustainability concept, sustainability assessment, definition and calculation of ecological footprint.

September 1, 2023 – February 29, 2024: Teaching support assignment in English language on "Marine biodiversity management" (10 hours) - Master's Degree Course (98248) - for the integrative activity 'Natural capital and ecosystem services assessment' as part of the Environmental engineering degree (LMG 10720) - DICCA, Genoa University

Topics: definitions of natural capital, ecosystem functions and services, practical applications for their assessment and quantification of the natural capital of *Ericaria amentacea* forest and the environmental cost associated to restoration interventions of *Ericaria amentacea* species.

February 28, 2023 – April 28, 2023: Teaching support assignment on "Applied Ecology" (8 hours) - Master's Degree Course (10589) - Conservation and Management of Nature (class LM-60), Department of Earth, Environmental and Life Sciences (DISTAV), Genoa University

Topics: definitions of natural capital, ecosystem functions and services, practical applications for their assessment and quantification of the environmental cost associated to restoration interventions of keystone species.

October 6-11-13, 2022, October 11-14-18-21, 2021 and October 6-7-8, 2020: Online teaching on "Ecology and Economics (SEE)" VI edition, Asinara National Park - Marine Protected Area, Department of Economic Sciences and Business (DiSea) of the Sassari University, inter-university consortium for the sciences of the sea (CONISMA), Department of Earth, Environmental and Life (DISTAV) of the Genoa University

Topics: basis of ecology, sustainability concept, environmental accounting, methodologies tools and actions aimed at quantifying the physical and monetary value of the natural capital and ecosystem services.

*March 23 - May 27, 2022 and May 4,20 2021: Online teaching for ISPRA environmental training lessons "Tools regulatory and methodological tools for the Governance of Transplantation of *Posidonia oceanica* in the context of Environmental Assessments (VIA and Vinca)", Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA), Via Vitaliano Brancati 48, Rome, 00144*

Topics: application examples of methods for the monetary assessment of impacts on *Posidonia oceanica* meadows through the study of natural capital and ecosystem services in order to achieve proper management of impacts.

May 11, 2021: Online teaching for seminary "Let's sustain our future!" for the institute of higher education Aldini Valeriani (Bologna) - National Scientific Degrees Plan Project.

Topics: sustainability concept, sustainability assessment, definition and calculation of ecological footprint.

March 19, 2021: Online teaching for Master's program "Marine tourism guide" (ARGE19-383/7/1), Accademia del turismo s.c.r.l., Lavagna (GE), Italy

Topics: basis of ecology, concept of sustainability, environmental accounting, methodologies tools and actions aimed at quantifying the physical and monetary value of the natural capital and ecosystem services.

October 8-11, 2019: English teaching for Master's degree GILVHA (Gestion de l'Environnement parcours Gestion Intégrée du Littoral et Valorisation Halieutique), Université De Corse Pascal Paoli, France

Topics: environmental accounting at Marine Protected Areas in the context of the project GIREPAM, methodologies and tools to quantify natural capital and its variations as a function of natural and anthropogenic variables, applications examples of it on *Posidonia oceanica* meadows.

Supervisor of 7 master dissertations and one doctoral dissertation.

Participation in examining committees

June 1, 2023 – ongoing: Member of the examination committee on "Applied Ecology," activated at the University of Genoa, master's degree program 10589 Conservation and Management of Nature (class LM-60).

Abroad experience

May 25, 2024 – August 25, 2024: Winner of the Antonio Moroni award financed by the Società di Ecologia Italiana (SItE) for stays abroad in qualified foreign research centres in the field of theoretical and applied ecology Collaboration with the research group Food Web Ecology laboratory at Helmholtz-Zentrum für Umweltforschung (UFZ) in Magdeburg (Germany). Working on the project proposed for participation in the Antonio Moroni Award entitled 'Shall we invest in river restoration? Bridging the gap between status biomonitoring and functioning quantification to communicate restoration success'. This involved learning techniques for assessing and monitoring the ecological status of the river Ecker (north-west Germany) through field sampling of communities (e.g. moss, biofilms, macroinvertebrates) and collecting data necessary for the application of emergy to compare the results obtained for the ecosystem functions of the river using both classical and biophysical methods. The study was carried out as an independent project within the RESTOLINK project, as it involves the comparison of control areas, barrier-impacted areas and restored areas.

October 7, 2019 - October 13, 2019: Visiting period for collaboration with the équipe Ecosystèmes Littoraux (Université De Corse Pascal Paoli, Faculté des Sciences et Techniques, Corte, Corsica) to carry out assessments of natural capital and ecosystem services provided by *Posidonia oceanica* meadows.

March 31, 2019 – April 5, 2019: Participation to the Rotary exchange program at GIS Posidonie - Institut Pythéas (Aix-Marseille Université, Campus de Luminy, OCEANOMED IOA/IRPHE/MIO, case 901, 13288 Marseille cedex 09) to learn data acquisition techniques to assess the health status of marine habitats (i.e., *Posidonia oceanica* meadows, coralligenous and coastal detrital environments), application of the EQB (Ecosystem Based Quality) index and to learn using GIS (Geographic Information System) to map coastal marine habitats.

Involvement in research projects

September 1, 2022 - ongoing: LIFE21-NAT-IT-REEForest/101074309 (Restoration of Cystoseira macroalgal FORESTs to enhance biodiversity along Mediterranean rocky REEFs)

January 1, 2020 - July 1, 2022: Maritime interreg project Italy-France 2014-2020 NEPTUNE (PatrimoNio naturalE e culTurale sommerso e gestione sosteNibile della subacquEa ricreativa)

November 1, 2019 – April 1, 2022: Interreg Mediterranean project MPA NETWORKS (Support MPA effectiveness through strong and connected networks in the Mediterranean).

January 1, 2019 - November 11, 2019: Maritime interreg project Italy-France 2014-2020 GIREPAM (Gestione Integrata delle Reti Ecologiche attraverso i Parchi e le Aree Marine)

2014 – ongoing: Contabilità ambientale nelle Aree Marine Protette Italiane (Ministero dell’Ambiente e della Sicurezza Energetica)

Participation in national and international conferences

1. Farina L., Azzola A., Bianchi C.N., Bordoni R., Lavarello I., Montefalcone M., Morri C., **Rigo I.**, Paoli C., Pasolli L., Valerani C., Ruggeri F. Applicazione preliminare del protocollo per il monitoraggio del valore dell’habitat coralligeno all’interno delle aree costiere italiane. SIMB-53°Congresso della Società Italiana di Biologia Marina, Roma, Italia, 12-13 Giugno 2024.
2. Bordoni R., Ruggeri F., Paoli C., **Rigo I.**, Guida A., Gaino F., Chiantore M., Asnaghi V., Vassallo P. Valutazione della distribuzione di *Ericaria amentacea* e *Cystoseira compressa* nel Mar Ligure: sviluppo di modelli di habitat suitability. SIMB-53°Congresso della Società Italiana di Biologia Marina, Roma, Italia, 12-13 Giugno 2024.
3. Ruggeri F., Bordoni R., Guida A., Paoli C., Vassallo P., Cappanera V., Merotto L., Povero P., Massa F., Venutirni S., **Rigo I.** Quanto impattano gli attrezzi da pesca abbandonati? Valutazione del dis-valore sul coralligeno profondo. SIMB-53°Congresso della Società Italiana di Biologia Marina, Roma, Italia, 12-13 Giugno 2024.
4. Paoli C., Azzola A., Betti F., Bordoni R., Farina L., Guida A., **Rigo I.**, Ruggeri F., Lavarello I., Cappanera V., Venturini S., Merotto L., Massa F., Dapuetto G., Povero P., Montefalcone M., Pasolli L., Valerani C., Vassallo P. Definizione di un protocollo standardizzato per il monitoraggio dell’habitat coralligeno e la stima del disvalore generato dall’impatto delle attività antropiche. SIMB-53°Congresso della Società Italiana di Biologia Marina, Roma, Italia, 12-13 Giugno 2024.
5. **Rigo I.** L’applicazione del framework di contabilità nell’AMP Plemmirio: analisi diacronica in 10 anni di attività. Convegno AMP Plemmirio-CONISMA La Contabilità Ambientale: strumento di gestione sostenibile delle AMP, Siracusa, Italia, 5 Aprile 2024.
6. **Rigo I.**, Bordoni R., Chiantore M., Ferranti M. P., Merotto L., Mitreanu C. I., Ruggeri F., Venturini S., Vassallo P., Paoli C. Capitale naturale perso a causa della moria di *Pinna nobilis* nel Mar Mediterraneo. XXXII Congresso della Società Italiana di Ecologia (SIe 2023), Catania, Italia, Settembre 6-8, 2023.
7. Bordoni R., Montefalcone M., Paoli C., **Rigo I.**, Ruggeri F., Oprandi A., Vassallo P. Habitat suitability modeling for *Posidonia oceanica* distribution along the ligurian coast. XXXII Congresso della Società Italiana di Ecologia (SIe 2023), Catania, Italia, Settembre 6-8, 2023.
8. Paoli C., **Rigo I.**, Asnaghi V., Bordoni R., Cappanera V., Chiantore M., Lavarello I., Merotto L., Mitreanu C., Ruggeri F., Valerani C., Virzi D., Vassallo P., Ferranti M.P. Patella ferruginea restoration in the supralittoral transition zone: a cost-benefit assessment from Nature perspective. XXXII Congresso della Società Italiana di Ecologia (SIe 2023), Catania, Italia, Settembre 6-8, 2023.
9. Ruggeri F., Paoli C., Asnaghi V., Bevilacqua S., Bordoni R., Cannarozzi L., Cappanera V., Chiantore M., Falace A., Farina L., Lavarello I., Merotto L., Valerani C., Vassallo P., **Rigo I.** Le alghe sono meritevoli di restauro? Il caso di *Ericaria amentacea*. XXXII Congresso della Società Italiana di Ecologia (SIe 2023), Catania, Italia, Settembre 6-8, 2023.
10. **Rigo I.**, Bordoni R., Cimini J., Meroni L., Ruggeri F., Scalabrin L., Vassallo P., Paoli C., Asnaghi V. Ripristino di capitale naturale in ambienti di transizione: il caso delle foreste di *Ericaria amentacea* su scogliere artificiali. SIMB-52° Congresso della Società Italiana di Biologia Marina, Messina, Italy, June 12-15, 2023.
11. Ruggeri F., Paoli C., Asnaghi V., Bevilacqua S., Bordoni R., Cannarozzi L., Cappanera V., Falace A., Lavarello I., Merotto L., Valerani C., Vassallo P., **Rigo I.** Valore biofisico e monetario di un ambiente di transizione: le foreste di *Cystoseira*. SIMB-52° Congresso della Società Italiana di Biologia Marina, Messina, Italy, June 12-15, 2023.
12. Paoli C., **Rigo I.**, Bordoni R., Cappanera V., Chiantore M., Merotto L., Ruggeri F., Vassallo P., Ferranti M.P. Patella ferruginea potential to restor natural capital in the supralittoral transition zone. SIMB-52° Congresso della Società Italiana di Biologia Marina, Messina, Italy, June 12-15, 2023.
13. **Rigo I.**, Vassallo P., Bordoni R., Cappanera V., Dapuetto G., Merotto L., Povero P., Venturini S., Paoli C. The assessment of the overcoming of environmental carrying capacity due to tourist flows in an Italian bay. 11th Biennal Conference – Emery & Environmental Accounting. Gainesville, Florida, January 12-14, 2023.
14. Paoli C., Di Piazza S., Bordoni R., Cecchi G., **Rigo I.**, Bazzano M., Zotti M., Vassallo P. Truffles industry: the hidden risks of a great potential. 11th Biennal Conference – Emery & Environmental Accounting. Gainesville, Florida, January 12-14, 2023.
15. Bordoni R., Dapuetto G., Lavarello I., Povero P., **Rigo I.**, Ruggeri F., Valerani C., Vassallo P., Paoli C. Application of the framework for Strong Sustainability in Cinque Terre Marine Protected Area (NW Italy). 11th Biennal Conference – Emery & Environmental Accounting. Gainesville, Florida, January 12-14, 2023.

16. **Rigo I.**, Vassallo P., Bordoni R., Cappanera V., Dapuzeto G., Merotto L., Povero P., Venturini S., Paoli C. A dynamic model for the assessment of environmental carrying capacity overcoming due to tourist flows: the San Fruttuoso bay case study. *Adattamenti degli Ecosistemi alle Pressioni dell'Antropocene – XXXI Congresso S.It.E. Siena, Italy, September 13-15, 2022.*
17. Paoli C., Bevilacqua S., Cilenti L., Lago N., Scirocco T., Vassallo P., **Rigo I.**, Cannarozzi L. Donor-side and user-side evaluation of the Atlantic blue crab invasion on a Mediterranean lagoon. *Adattamenti degli Ecosistemi alle Pressioni dell'Antropocene – XXXI Congresso S.It.E. Siena, Italy, September 13-15, 2022.*
18. Bordoni R., Paoli C., Dapuzeto G., **Rigo I.**, Vassallo P. Distribution of natural capital and environmental flows values along the marine coastal habitats of Ligurian Sea (NW Italy). *Adattamenti degli Ecosistemi alle Pressioni dell'Antropocene – XXXI Congresso S.It.E. Siena, Italy, September 13-15, 2022.*
19. **Rigo I.**, Paoli C., Dapuzeto G., Massa F., Oprandi A., Venturini S., Merotto L., Fanciulli G., Cappanera V., Montefalcone M., Bianchi C.N., Morri C., Pergent-Martini C., Pergent G., Povero P., Vassallo P. Changes in the ecological status and natural capital of *Posidonia oceanica* meadows due to human pressure and extreme events. *GECOMARS 2020, International workshop on ecosystem based management. Marseille, France, February 4-5, 2020.*
20. Dapuzeto G., Paoli C., Vassallo P., Pozzi M., Massa F., **Rigo I.**, Fanciulli G., Venturini S., Merotto L., Cappanera V., Povero P. A Spatial Decision Support System for the sustainable management of fishing in Marine Protected Areas. *GECOMARS 2020, International workshop on ecosystem based management. Marseille, France, February 4-5, 2020.*
21. Paoli C., Vassallo P., Pozzi M., Massa F., **Rigo I.**, Cappanera V., Merotto L., Venturini S., Lavarello I., Valerani C., Gazale V., Zanello A., Vannini M., Povero P., Dapuzeto G. Towards strong sustainability: a framework for economic and ecological management of Marine Protected areas. *GECOMARS 2020, International workshop on ecosystem based management. Marseille, France, February 4-5, 2020.*
22. Mancini I., Oprandi A., **Rigo I.**, Montefalcone M., Morri C., Peirano A., Vassallo P., Paoli C., Bianchi C.N. What biotic indices tell us about ecosystem change: lessons from the seagrass *Posidonia oceanica*. *GECOMARS 2020, International workshop on ecosystem based management. Marseille, France, February 4-5, 2020.*
23. **Rigo I.**, Paoli C., Dapuzeto G., Oprandi A., Venturini S., Merotto L., Cappanera V., Fanciulli G., Capuano L., Betti F., Montefalcone M., Bavestrello G., Povero P., Vassallo P. Assessment of the loss of natural capital in priority marine habitats as a result of environmental changes. *Ecosystem Services Partnership (ESP) World Conference 2019, Hannover, Germany, October 21-25, 2019. Book of Abstracts - Session S8a Ecosystem services for nature conservation and protected areas, 12-13.*
24. Dapuzeto G., Paoli C., Massa F., Pozzi M., **Rigo I.**, Fanciulli G., Venturini S., Merotto L., Cappanera V., Vassallo P., Povero P. Environmental Spatial Decision Support System (ESDSS) for ecosystem services management of marine-coastal areas. *Ecosystem Services Partnership (ESP) World Conference 2019, Hannover, Germany, October 21-25, 2019. Book of Abstracts - Session B1a Advancing methods in marine ecosystem services quantification, mapping and modelling, 8-9.*
25. **Rigo I.**, Montefalcone M., Morri C., Bianchi C.N., Oprandi A., Vassallo P., Paoli C. Use of ecological indices to assess the health status of *Posidonia oceanica* meadows in eastern Liguria. Influence of ecological status on natural capital. *INPUT aCAcademy 2019-International Conference on Innovation in Urban and Regional Planning, Cagliari, Italia, June 24-26, 2019.*
26. Paoli C., Povero P., Fanciulli G., Gazale V., Scarpellini P., Armenio M., Cappanera V., Cavalletti B., Corsi M., Dapuzeto G., Di Fabio C., Lagomarsino E., Lavarello I., Massa F., Merotto L., Minetti D., Pozzi M., Ramassa P., **Rigo I.**, Valerani C., Venturini S., Vassallo P. The ecosystem services cascade perspective in practice: a framework for cost-benefits analysis in Marine Protected Areas. *INPUT aCAcademy 2019 - International Conference on Innovation in Urban and Regional Planning, Cagliari, Italy, June 24-26, 2019.*
27. Oprandi A., Bianchi C.N., Karayali O., Morri C., **Rigo I.**, Montefalcone M. Confronto di descrittori a diversi livelli di complessità ecologica per definire lo stato di salute di *Posidonia oceanica* in Liguria. *SIMB-50°Congresso della Società Italiana di Biologia Marina, Livorno, Italy, June 10-14, 2019.*

Publications

1. **Rigo I.**, Bordoni R., Betti F., Dapuzeto G., Massa F., Paoli C., Povero P., Ruggeri F., Vassallo P. (2024). Which natural or anthropogenic variables influence natural capital? An Italian case study. *Ecological Indicators*, 166, 112387. (First author)
2. Enrichetti F., Bavestrello G., Cappanera V., Mariotti M., Massa F., Merotto L., Povero P., **Rigo I.**, Toma M., Tunesi L., Vassallo P., Venturini S., Bo M. (2023). High megabenthic complexity and vulnerability of a mesophotic rocky shoal support its inclusion in a Mediterranean MPA. *Diversity*, 15(8), 933. (other author)

3. Bordoni, R., **Rigo, I.**, Dapueto, G., Povero, P., Vassallo, P., Paoli, C. (2023). Assessment of natural capital and environmental flows distribution: A Mediterranean case study. *Journal of Cleaner Production*, 409, 137228. (corresponding author)
4. Cannarozzi, L., Bevilacqua, S., Renzi, M., Anselmi, S., Alongi, G., Asnaghi, V., Chiantore M., Pagnotta A., Paoli C., **Rigo I.**, Falace, A. (2023). Spatial variation in key functional traits of Mediterranean fucoid algae: Insights from *Cystoseira* sensu lato intertidal canopies. *Estuarine, Coastal and Shelf Science*, 293, 108524. (altro autore)
5. Cannarozzi, L., Paoli, C., Vassallo, P., Cilenti, L., Bevilacqua, S., Lago, N., Scirocco, T., Rigo, I. (2023). Donor-side and user-side evaluation of the Atlantic blue crab invasion on a Mediterranean lagoon. *Marine Pollution Bulletin*, 189, 114758. (Last author)
6. Cannarozzi, L., Bevilacqua, S., Alongi, G., Asnaghi, V., Chiantore, M., Pagnotta, A., Paoli, C., **Rigo, I.**, Vassallo., P., Falace, A. (2023). Assessing the Effect of Full Protection on the Biomass of *Ericaria amentacea* and Understory Assemblages: Evidence from Two Mediterranean Marine Protected Areas. *Diversity*, 15(1), 89. (Other)
7. Paoli C., Povero P., **Rigo I.**, Dapueto G., Bordoni, R. Vassallo, P. (2022). Two Sides of the Same Coin: A Theoretical Framework for Strong Sustainability in Marine Protected Areas. *Sustainability*, 14(10), 6332. (Corresponding author)
8. Dapueto G., Massa F., Pergent-Martini C., Povero P., **Rigo I.**, Vassallo P., Venturini S., Paoli C. (2022). Sustainable management accounting model of recreational boating anchoring in Marine Protected Areas. *Journal of Cleaner Production*, 130905. (Corresponding author)
9. **Rigo I.**, Paoli C., Dapueto G., Pergent-Martini C., Pergent G., Oprandi A., Montefalcone M., Bianchi C.N., Morri C., Vassallo P. (2021) The natural capital value of the seagrass *Posidonia oceanica* in the north-western Mediterranean. *Diversity*, 13(10), 499. (First author)
10. Oprandi, A., Bianchi, C. N., Karayali, O., Morri, C., **Rigo, I.**, Montefalcone, M. (2021). RESQUE: A novel comprehensive approach to compare the performance of different indices in evaluating seagrass health. *Ecological Indicators*, 131, 108118. (Other)
11. Vassallo P., Turcato C., **Rigo I.**, Scopesi C., Costa A., Barcella M., Dapueto G., Mariotti M., Paoli C. (2021). Biophysical Accounting of Forests' Value under Different Management Regimes: Conservation vs. Exploitation. *Sustainability*, 13(9), 4638. (Corresponding author)
12. **Rigo I.**, Paoli C., Dapueto G., Massa F., Oprandi A., Venturini S., Merotto L., Fanciulli G., Cappanera V., Montefalcone M., Bianchi C.N., Morri C., Povero P., Vassallo P. (2020) Changes in the ecological status and natural capital of *Posidonia oceanica* meadows due to human pressure and extreme events. *Vie Milieu - Life and Environment*, 2020, 70, 3-4. (First author)
13. Mancini I., Oprandi A., **Rigo I.**, Montefalcone M., Morri C., Peirano A., Vassallo P., Paoli C., Bianchi C.N. (2020) What biotic indices tell us about ecosystem change: lessons from the seagrass *Posidonia oceanica*. *Vie Milieu - Life and Environment*, 2020, 70, 3-4. (Corresponding author)
14. Dapueto G., Paoli C., Vassallo P., Pozzi M., Massa F., **Rigo I.**, Fanciulli G., Venturini V., Merotto L., Cappanera V., Povero P. (2020) A Spatial Decision Support System for the sustainable management of fishing in Marine Protected Areas. *Vie Milieu - Life and Environment*, 2020, 70, 3-4. (Other)
15. Paoli C., Vassallo P., Pozzi M., Massa F., **Rigo I.**, Cappanera V., Merotto L., Venturini S., Lavarello I., Valerani C., Gazale V., Zanello A., Vannini M., Povero P., Dapueto G. (2020) Towards strong sustainability: a framework for economic and ecological management of Marine Protected Areas. *Vie Milieu - Life and Environment*, 2020, 70, 3-4. (Other)

Membership in Scientific societies

2024-ongoing: Società Successione Ecologica with board participation

2022 - ongoing: Società Italiana di Ecologia (S.It.E)

2021 - ongoing: International Society for the Advancement of Emergy Research (ISAER)

2021 - ongoing: Società Italiana di Biologia Marina (SIBM)

2020 - 2021: Italian Life Cycle Assessment (LCA) Network Association

Knowledge of foreign languages

Italian (native language); English (B2-European Level); Spanish (elementary)

Computer skills

Excellent knowledge of office package (Excel, Word, Power Point), good knowledge of ESRI software (version: Arcview, Arceditor, Arcinfo) and GIS systems (web-gis), R software and basic knowledge of Ocean Data View software

Diving licences

December 2018: 2nd Degree ARA - Two Stars Diver br. #36648 - FIPSAS diving licence, Assoc.Sport.Dilett.Sesto

Continente, Monza-Via Murri 37 (MB), Italy

April 2018: Nitrox Diver br. #65600 - SDI TDI diving licence, Inst. Monica Montefalcone (GE), Italy

June 2016: Open Water br. #02857 - FIPSAS diving licence, Assoc.Sport.Dilett.Sesto Continente, Monza-Via Murri 37 (MB), Italy