# Dr. Elena Gissi, PhD

Curriculum vitae (synthesis)

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https://scholar.google.it/citations?user=y t6EbwAAAAJ&hl=it

# **Professional experience**

28/03/2021 - (ongoing, 2 years), Visiting Scholar, Hopkins Marine Station, Stanford University, USA

28/12/2020 – (ongoing, 3 years), Marie S. Curie Fellow as Senior Research at National Research Council, Institute of Marine Sciences, CNR ISMAR, and Stanford University, USA.

7/04/2020 – 27/12/20, Post-doc research fellow (senior) in Ecology (S.S.D. BIO/07), University Iuav of Venice (Italy), "Integrating the Ecosystem Service approach in environmental and energy policies".

15/01/2019 – 16/04/2020, Post-doc research fellow (senior) in Ecology (S.S.D. BIO/07), University Iuav of Venice (Italy), "The Ecosystem Service approach for the management of coastal and marine environments: methods, tools, and case studies".

06/10/2017 – 08/01/2019, Post-doc research fellow (senior) in Ecology, University Iuav of Venice (Italy), "The dimension of change in Ecosystem-based Maritime Spatial Planning for sustainable development".

17/06/2012 – 02/10/2017, Assistant professor in Applied Ecology (non-tenured position, according to Italian National Law 240/2010 "ricercatore a tempo determinate di tipo A") S.S.D. BIO/07, University Iuav of Venice (Italy).

15/05/2011 – 16/06/2012, Post-doc research fellow, University Iuav of Venice (Italy), "Risks, landscape resilience and strategies for mitigation and adaptation for climate change"

01/03/2010 – 07/03/2010, Research Fellowship financed by the Region of Veneto, European Social Funds, Human capital, University Iuav of Venice (Italy), "From risk to resources: territorial transformations management for the mitigation and prevention of risk of landscape damage"

01/11/2008 – 28/02/2010, Post-doc research fellow in Landscape planning, Polytechnic University of Marche (Italy), "Landscape design and territorial transformations: themes and critics"

# Dr. Gissi holds the Italian National Scientific Habilitation (ASN) for Associate Professor (Italy) in the following scientific fields:

- Ecology (Area 05/C1), from 13/07/2020 to 13/07/2029;
- Spatial planning and design (Area 08/F1), from 13/07/2020 to 13/07/2029.

## **Education and training**

01/11/2004-08/02/2008. PhD in Engineering-Architecture for Sustainability, Polytechnic University of Marche (Italy). During the PhD, I was <u>visiting student</u> at the Berlage Institute, Univ. of Delft (The Netherlands), 01/10/2005-30/05/2006, and 01/10/2006-30/05/2007.

01/10/1999-26/06/2004, Master Degree in Engineering-Architecture, Polytechnic University of Marche, Italy. During the Master, I studied at the Univ. Paris La Villette, Paris (France) from 01/10/2001 to 30/07/2002 with the Erasmus program.

Peer-reviewed scientific publications

| 1 our review belower publications |  |
|-----------------------------------|--|
| Bibliometric indexes              | total number of publications = 41;         |
| at Sept. 20, 2021                 | total number of citations since 2013 = 749 |
| (source: SCOPUS)                  | h-index = 18.                              |

## **Peer-reviewed publications (selection)**

Gissi E., Manea E., Mazaris A.D., Fraschetti S., Almpanidou V., Bevilacqua S., Coll M., Guarnieri G., Lloret E., Pascual M., Petza D., Rilov G., Schonwald M., Stelzenmüller V., Katsanevakis S. (2021), A review of the combined effects of climate change and other local human stressors on the marine environment, Science of the

- total environment, 755(1), 142564, doi:10.1016/j.scitotenv.2020.142564.
- Franzao-Santos C., Agardy T., Andrade F., Barange M., Calado H., Crowder L.B., Ehler C.N., García-Morales S., **Gissi E.,** Halpern B., Orbach M.K., Pörtner H.O., Rosa R. (2020), Planning for sustainability in a changing ocean, Nature Sustainability, https://doi.org/10.1038/s41893-020-0513-x.
- Manea, E., Bianchelli S., Fanelli E., Danovaro R., **Gissi E.,** (2020), Towards an Ecosystem-Based Marine Spatial Planning in the deep Mediterranean Sea, Science of the Total Environment, 10.1016/j.scitotenv.2020.136884.
- Rilov G., Fraschetti S., **Gissi E.,** Pipitone C., Badalamenti F., Tamburello L., Menini E., Goriup P., Mazaris D. A., Garrabou J., Benedetti-Cecchi L., Danovaro R., Loiseau C., Claudet J., Katsanevakis S. (2020). A fast-moving target: achieving marine conservation goals under shifting climate and policies, Ecological Applications, 10.1002/eap.2009,
- **Gissi E**, Fraschetti S, Micheli F, (2019), Incorporating change in marine spatial planning: a review, Environmental Science and Policy, 92, 191-200, doi: 10.1016/j.envsci. 2018.12.002.
- Manea E, Di Carlo D, Depellegrin D, Agardy T, **Gissi E**, (2019), Multidimensional assessment of supporting ecosystem services for marine spatial 1 planning of the Adriatic Sea, Ecological indicators, 101, 821-837, doi: 10.1016/j.ecolind.2018.12.017
- **Gissi E**, McGowan J, Venier C, Di Carlo D, Musco F, Menegon S, Mackleworth P, Agardy T, Possingham H. 2018. Addressing transboundary conservation challenges through marine spatial prioritization. Conservation Biology, 32(5), 1107-1117
- Shabtay A, Portman M, Manea E, **Gissi E**, 2019. Promoting ancillary conservation through marine spatial planning. Science of the Total Environment 651, 1753–1763.
- **Gissi E**, Portman ME, Hornidge AK. 2018. Un-gendering the ocean: Why women matter in ocean governance for sustainability. Marine Policy 94:215-219.
- **Gissi E**, Garramone V. 2018. Learning on ecosystem services co-production in decision-making from role-playing simulation: Comparative analysis from Southeast Europe. Ecosystem Services. 34(B), 228-253;
- Maragno D, Gaglio M, Robbi M, Appiotti F, Fano EA, **Gissi E**. 2018. Fine-scale analysis of urban flooding reduction from green infrastructure: An ecosystem services approach for the management of water flows. Ecological Modelling 386:1-10.
- **Gissi E**, Menegon S, Sarretta A, Appiotti F, Maragno D, Vianello A, Depellegrin D, Venier C, Barbanti A. 2017. Addressing uncertainty in modelling cumulative impacts within maritime spatial planning in the Adriatic and Ionian region. PloSOne 12(7):e0180501.
- Ansong K, **Gissi E**, Calado H. 2017. An Approach to Ecosystem-Based Management in Maritime Spatial Planning Process. Ocean & coastal management 141:65-81.
- **Gissi** E, Suarez de Vivero JL. 2016, Exploring marine spatial planning education: challenges in structuring transdisciplinarity. Marine Policy 74:43-57.

#### **Funding received (on competitive calls)**

My grant capture since 2010 totals €1,304,882.85 for research, and €3,662,978 for training programs:

Selection of projects on competitive calls for which Dr. Gissi is the scientific coordinator of entire project:

- IRENES "Exchanging knowledge and experiences for Integrating RENewable energy and Ecosystem Services in territorial environmental and energy policies" (approved on 26/03/2019, 2019-2022), Interreg EUROPE, total budget: 2,024,639.00 euro; Iuav budget (Lead Partner): € 285,000.00
- Erasmus Mundus Master Course on Maritime Spatial Planning. European Commission EACEA Education, Audiovisual and Culture Executive Agency, 532418-EM-1-IT-ERA MUNDUS-EMMCMOB, grant agreements: 2013-1940/001-001-EMMC, 2014-0718/001-001-EMMC, 2015/1981/001-001-EMMC, 2016-1889/001-001-EMMC, 2017-1725/001-001-EMMC; total budget: € 3,343,400;
- European Social Fund (ESF) Human capital Axis, Veneto Region research grants: (1) "Biomass and ecosystem services: operational criteria for the localization of power plants", 01/07/2016-01/07/2017, budget: € 33.589,85. (2) "Innovative method to assess biomass energy potential through remote sensing applied to ecosystem service assessment". 15/04/2013-15/04/2014, budget: € 24.000; (3) "From risk to resources. Landscape planning for risk mitigation". 08/03/2010-07/03/2011, budget: € 25.350,00.
- Erasmus Lifelong Learning Programme, Intensive Program on Maritime Spatial Planning, two editions (2013-2014), grants no. 2012-1-IT2-ERA10-38888, and 2013-1-IT2-ERA10-52971, budget: € 53,190.

- Selection of projects on competitive calls for which Dr. Gissi was the scientific coordinator of the <u>Iuav research unit</u>: Erasmus+ MARINE\_ECOMED "MARINE Education and COmmunication network on the MEDiterranean" (01/11/2018 31-08-2021), Cooperation for innovation and the exchange of good practices, Iuav (Lead Partner), ECOMED total budget: € 266,978.00
- PORTODIMARE "geoPORtal of TOols & Data for sustaInable Management of coAstal and maRine Environment" (2018-2020), Adriatic-Ionian Programme INTERREG V-B Transnational 2014-2020, grant no. 205, Iuav budget: € 53,000.00
- COEVOLVE "Promoting the co-evolution of human activities and natural systems for the development of sustainable coastal and maritime tourism" (2016-2019), INTERREG MED 2014 2020 − Call 2015 per Modular Projects, grant no. MED 15 3.1 M12 277, Iuav budget: € 190,000.00
- SIMWESTMED "Supporting Implementation of Maritime Spatial Planning in the Western Mediterranean region", EU collaborative project financed by EASME DG Maritime Affairs and Fisheries (DG MARE) (2016-2018); grant no. EASME/EMFF/2015/1.2.1.3/02/SI2.742101; Iuav budget: € 220,552;
- SUPREME "SUpporting maritime spatial Planning in the Eastern Mediterranean" EU collaborative project financed by EASME DG MARE (2016-2018), grant no. EASME/EMFF/2015/1.2.1.3/01/SI2.742087, Iuav budget: € 141.001;
- ADRIPLAN "ADRiatic Ionian maritime spatial PLANning", EU collaborative project financed by "European Commission Directorate-General for Maritime Affairs and Fisheries MARE/2012/25 Project on Maritime Spatial Planning in the Mediterranean Sea and/or the Black Sea" (2013-2015); grant no. MARE/2012/25[SI.2.666717, Iuav budget: € 144,390;
- TERRE "TERritory, eneRgy & Employment", South East Europe Transnational Cooperation Program collaborative project (2012-2014); grant no. SEE/D/0276/4.2/X; Iuav budget: € 188,000;

#### **Research networks (selection)**

- Dr. Gissi is and was member of the following COST "European Cooperation in Science and Technology" Action projects and related research networks:
- 11/2020-ongoing, COST Action CA19107 Unifying Approaches to Marine Connectivity for improved Resource Management for the Seas
- 03/2017-12/2020, COST Action CA 15217 OceanGov "Ocean Governance for sustainability Challenges, Options and the Role of Science", Dr. Gissi was co-chair of the working group 2 "Area-based management"
- 10/2017-10/2020, COST Action CA 15121 MARCONS "Advancing marine conservation in the European and contiguous seas", EG is invited member.
- Dr. Gissi is team member of the project OCEANPLAN "Marine Spatial Planning for Climate Change", coordinated by Dr. C. Frazao-Santos. The project is funded by the Portuguese Foundation for Science and Technology (FCT).

## Visiting fellowships

- 19/05/2019 31/05/2019 **Research fellow** at the **Stanford University, Centre for Ocean Solutions, Hopkins Marine Station, Monterey (USA)**, on modelling dynamic change for adaptive Marine Spatial Planning, under the supervision of Prof. F. Micheli, financed by a Scholar mobility grant of the Erasmus Mundus Master Course on Maritime Spatial planning.
- 01/11/2017-24/11/2017 **Visiting fellowship**, funded by the COST Action OceanGov on a competite call, between University IUAV of Venice and the Technion University of Israel, Aifa, Prof. M. Portman.
- 26/10/2016-11/11/2016 **Research fellow** at the **University of Queensland, ARC Centre of Excellence (Australia)**, on addressing transboundary conservation challenges through marine spatial prioritization, under the supervision of Prof. Possingham, financed by a Scholar mobility grant of the Erasmus Mundus Master Course on Maritime Spatial planning.

## Lecturing, supervising, and mentoring (selection)

Course on "Marine GIS and Spatial Planning", 3 ECTS, taught in English, at the Polytechnic University of Marche, Italy, Fall 2021.

Course on "Ecosystem Based management for marine and coastal areas", 6 ECTS, taught in English, within the Erasmus Mundus Master Course on Maritime Spatial Planning, Univ. IUAV of Venice, Fall 2014, 2015, 2016, 2017, 2018.

- Course on "Environmental analysis and assessment", 6 ECTS, undergraduate program on Urban and Regional Planning, Univ. IUAV of Venice, Fall 2012, 2013, 2015, 2016, 2017, 2018.
- Since 01/02/2012 Erasmus Mundus Master Course on Maritime Spatial Planning (EMMCMSP), master of excellence jointly delivered by the Univ. Iuav of Venice (coordinating University), in collaboration with Univ. of

Seville (Spain) and Univ. of the Azores (Portugal). Main responsibilities: Coordinator of the Master program, Member of the Academic board, design of the curriculum, learning objectives and teaching activities; preparation of the proposal and grant application; students selection, students' carrier mentoring, mentoring for the students' Internship Placement and job placement; Consortium coordination and liaising with public and private institutions involved in the teaching activities and internship placement; steering in fundraising; dissemination and communication.

01-23/11/2018 **Supervisor of a PhD student** A. Shabtay, for the Visiting fellowship, funded by the COST Action OceanGov, between IUAV and the Technion University of Israel, Aifa, Prof. M. Portman.

29/09-4/10/2015 Lecturer on **Landscape Ecology**, Univ. of Girona (Spain), funded by Erasmus Teaching Staff 15-19/04/2013 Lecturer on **Landscape Ecology**, Univ. of Girona (Spain), funded by Erasmus Teaching Staff

Since 2012, I supervised 46 graduate and 6 undergraduate students of the Univ. IUAV of Venice.

## Organization of international conferences (selection)

I have organized the following conferences, sessions and symposia:

- 27/02/2022-4/3/2022. EG is chair of the Scientific Session ME04 "Getting things right: Sex analysis for ocean science and conservation in response to climate change", Ocean Sciences Meetings, ASLO, Hawaii, USA.
- 1-5/07/2019. International Association of Landscape Ecology EG is member of the organizing committee of the World Congress, Milan, 2019.
- 19-21/02/2019. Workshop of the WG2 on area-based management, on "Advancing research in areas-based management of the oceans", COST Action CA 15217 OceanGov "Ocean Governance for sustainability Challenges, Options and the Role of Science", at University of Ghent, Belgium; EG is part of the scientific coordination, steering group, and organization.
- 13/12/2018. EG supervised and organized the "Colloquium on MSP and Science" for the JPI Oceans Coordination action in support of the implementation of the Joint Programming Initiative on Healthy and Productive Seas and Oceans (http://jpi-oceans.eu/csa-oceans-2), Horizon 2020 funded project; the Colloquium was hold in Venice, Italy, with the participation of Dr. T. Agardy (SoundSea, US), Dr. C. Franzao-Santos (Univ. of Lisbon, Portugal), Dr. P. Mackleworth (Blueworld, Croatia), Mr T. Andersson (SWOM, Sweden), and Mrs V. Mabilia (DG MARE).
- 15-19/10/2018. EG is Co-chair of the Symposium titled "Marine and coastal ecosystem service mapping and modelling: moving beyond land-based adaptation" at the European Congress of the Ecosystem Services Partnership, San Sebastian, Spain, with Prof. Drakou (Univ of Twente), Dr. Borja (ATZI, SPain), Dr. Ruiz-Sanchez (SPain).
- 11-13/06/2018. II International meeting of the WG2 on area-based management, on "Contribution of Area Based Management Tools to Ocean Sustainable Development Goals", COST Action CA 15217 OceanGov "Ocean Governance for sustainability Challenges, Options and the Role of Science", University of Aveiro, Portugal, for the scientific coordination, steering group, and organization.
- 21-25/09/2015, Proponent and co-chair of the Symposium titled "The challenge of managing multiple stressors in marine regions: success stories, opportunities for action and gaps of knowledge", with Prof. Micheli (Stanford Univ., USA), Prof. Fraschetti (Univ. of Salento), and L. Airoldi (Univ. of Bologna), within the joint Congress of the European Ecological Federation (EEF) and Italian Society of Ecology, Rome (Italy). Oral communication: "How to apply an ecosystem-based approach using ecosystem services framework to Maritime Spatial Planning. Learning from ADRIPLAN".
- 8-10/09/2013, Proponent and co-chair of the Symposium titled "Ecosystem Services: building informed policies to orient landscape dynamics", European Congress of the International Association of Landscape Ecology (IALE), Manchester (UK), with Prof. Burkhard, University of Hannover, Germany.
- 10-11/05/2012, Proponent and co-chair of the International workshop titled "Governance of Socio-Ecological Systems: Coordinating Science and Action in Resilience Thinking", University IUAV of Venice (Italy), chair an organizer of the session titled "Ecosystem services and landscape planning".
- 18-23/08/2011, Proponent and co-chair of the Symposium titled "Bridging science and action in landscape ecology: the European approach", at the World Congress of the International Association of Landscape Ecology (IALE), Beijing (China), with Prof. V. Van Eetvelde (Univ. of Ghent), Prof. E. Padoa Schioppa, (Univ. Milano-Bicocca).

## **Invited presentations**

I was invited to the following international conferences/events (selection):

02/07/2021. Invited Speaker at the Brainstorming Session "Marine Spatial Planning and Ocean Conservation in the Age of Climate Change", 11<sup>th</sup> "People & the Sea" Conference of MARE (Centre for Maritime Research), virtual (due to the Pandemic).

14/4/2021, Invited Speaker at the Workshop "Gender Dimension in Research" at the Gender Summit 2021 "Quality

- Research and Innovation through Equality", with a contribution titled "Getting things right: Analyzing Sex to Understand Marine Organisms' Response to Climate Change" (virtual, due to the Pandemic)
- 10/06/2019, Invited speaker at the workshop "SCIENCE TO ACTION. Embracing scientific research, fisheries and marine conservation through ecosystem based planning", Parallel workshop of the GFCM High-level conference on MedFish4Ever initiatives organized by WWF Mediterranean, Marrakech, Marocco.
- 8-12/04/2019, Invited speaker at the workshop titled "Marine Mammals and MSP in the context of Blue Growth", at the 5th International Conference on Marine Mammals Protected Areas, Costa Navarino, Greece.
- 16-18/04/2018, Invited speaker at the workshop titled 'Threat "syndromes": assessment of threats in the marine Natura 2000 sites a pan European study", of Working group 2 "Present challenges and limitations in marine conservation", EU COST Action MARCONS, Rome (Italy). Contribution titled "Addressing uncertainty in managing threats within marine spatial planning".
- Since January 2018, I am co-chair of the working group 2 "Area-based management" in the COST Action CA 15217 OceanGov "Ocean Governance for sustainability Challenges, Options and the Role of Science", where I organize and coordinate research activities and meetings of around 20 European scientists; Invited member from March 2017;
- Since October 2017, I am Member of the COST Action MARCONS "Advancing marine conservation in the European and contiguous seas" (participation on invitation and selection).
- 29-30/11/2017, Invited speaker at the workshop titled 'Monitoring multiple human pressures in MPAs to reach GES', of the WG2, EU COST Action MARCONS, Naples, (Italy). Contribution titled "Conservation beyond MPAs. Challenges and opportunities within MSP".
- 6-8/03/2017. Invited to join the COST Action OceanGov and to the 1st International Ocean Governance Conference "Ocean Governance for SUstainability. Challenges, options and the role of science" and 2nd MC and Core Group Meeting, Bremen, Germania, (participation on invitation)
- 2-3/10/2015, Invited speaker to the XV International Summer School on Environment, titled "Ecosystem Services. Concepts, methodologies and instruments for research and applied use", within the Horizon2020 project OpenNESS Operationalisation of natural capital and ecosystem services". Univ. of Girona (Spain), Oral communication: "Sustainable energy potential from biomass through Ecosystem Services Trade-off Analysis: the case Of Rovigo (Italy)".
- 20/03/2015. Invited as National expert on Maritime Spatial Planning by the Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans) to the workshop titled "Science support to coastal and maritime planning and management", for my expertise on "Ecosystem Based Approach (EBA) on MSP", Bruxelles (Belgium).

I was invited to the following national conferences/events (selection):

- 12-14/09/2018, Invited chair of the parallel session on "Biodiversity and ecosystem functioning", XXVIII Congress of the Italian Society of Ecology (SITE), Cagliari (Italy).
- 12-15/09/2017, Invited co-chair of the parallel session on "Anthropogenic ecosystems", XXVII Congress of the Italian Society of Ecology (SITE), Napoli (Italy).
- 14/04/2017, Invited speaker at the "Workshop on scale issues in planning for ecosystem services", Univ. of Trento (Italy), Planning for Ecosystem Services Lab. Communication titled "Mapping ecosystem services for planning: is the scale goal-oriented? Discussion on two case studies".
- 27/02/2014, Invited speaker at the First Italian meeting on the Mapping and Assessment of Ecosystem Services (MAES) Italian working group, Univ. Sapienza di Roma, communication titled "Competing Ecosystem Services related to biomass supply chain: the case of the Province of Rovigo (Veneto Region)".
- 27/05/2013, Invited speaker to a seminar on "Air quality, anthropogenic and natural stressors, and human health", organized by the Italian Society of Ecology, Univ. La Sapienza, Roma, communication titled "Mitigation of air pollution in port cities: the results of the APICE project for Venice".

## **Oral communications at international conferences (selection)**

- 3-8/06/2018 4th International Symposium on the Effects of Climate Change on the World's Oceans (ECCWO), PICES, Washington (USA), Oral communication: "Addressing climate change-driven uncertainties in maritime spatial planning through Cumulative Effects Assessment"
- 19-23/09/2016 Ecosystem Service Partnership (ESP) European Congress, 'Helping Nature to help us',
- Antwerp (Belgium). Oral communication: "How to inform Maritime Spatial Planning from an ecosystem services approach? Challenges from the case of the Adriatic Ionian Region"
- 17-30/10/2015, IV Conference of Integrated Marine Biogeochemistry and Ecosystem Research (IMBER) IMBIZO "Marine and human systems: Addressing multiple scales and multiple stressors", Trieste (Italy). Oral

- communication: "How to apply an ecosystem-based approach in Maritime Spatial Planning: mapping cumulative impacts in the Adriatic and Ionian Macro-Region"
- 9-12/09/2013 IALE European Congress "Changing European Landscapes: Landscape ecology, local to global", Manchester (UK). Oral Communication: "Ecosystem Services. Informed policies to orient landscape dynamics".
- 01-04/04/2012 "Agriculture in an Urbanizing Society", International Conference on Multifunctional Agriculture and Urban-Rural Relations, Wageningen (The Netherlands). Oral Communication: "Mapping ecosystem services of agro-urban ecosystems for integrated planning: the case of the dispersed landscapes of Veneto Region (Italy)"
- 18-23/08/2011, 8th World Congress of IALE, Beijing, China. Oral Communication: "How to Make Knowledge Effective? Issues on Languages and Methods in Landscape Policy Making from the Italian Experience"

## **Impact**

Since January 2020, Dr. Gissi is member of the <u>scientific committee</u> appointed to support the Italian Maritime Spatial Planning process by the Ministry of Infrastructures and Transport. The committee is constituted by members of the Italian National Research Council, the University Iuav of Venice and CORILA.

Since August 2020, Dr. Gissi is member of the Scientific community of the World Wild Life (WWF), Italy.

Since 2010, Dr. Gissi has worked and collaborated with <u>Italian and foreign public administrations</u> (EU Member States competent authorities for MSP in the Mediterranean Sea, with the Italian Ministry of Infrastructure and Transport, the Italian Ministry of the Environment, the Veneto Region, the Regional Park of the Po Delta Veneto, the Abruzzo Region, the Municipality of Ancona) and with NGOs (including WWF Mediterranean and WWF Greece).

## **Communicating science to non-scientists**

Since 2010 Dr. Gissi has published more than 50 outreach articles, among which 14 ones in Italian in "Urbanistica Informazioni" ISSN 0392-5005, the magazine of the Italian National Institute of Urban and Regional Planning (Istituto Nazionale di Urbanistica)

## Skills and expertise

Proficient user of the following **programs**:

- (1) Spatial analysis, geodatabase management and map presentation in ArcMap GIS 10.3;
- (2) Marine spatial prioritization in Marxan Software;
- (3) Adobe Creative Suite 6 for graphic design and video editing.
- (4) Statistical analysis in R package;

#### **Professional and interpersonal skills:**

- Design and development of environmental modelling activities, e.g. cumulative impacts model, ES models
- Design and development of stakeholder engagement programs, and expert surveys.
- Planning and organization of research activities, including project design and EU grant proposal writing
- Management and coordination of a collaborative projects with a wide range of European and National partners
- Enjoy fostering relationships with people both inside and outside academia
- Good skills in team coordination, good at working independently but also as part of a team
- Language skills: Italian (mother tongue), English (C2), Spanish (C1), French (B2), Portuguese (A1)

## Other merits

- 20-22/02/2018, Training school "Cumulative effects analysis applied to marine ecosystems", at Thünen Institute, Hamburg, organized by Dr. Vanessa Stelzenmuller (Thünen Institute) and Dr. Marta Coll (Institute of Marine Science, Barcelona), in the framework of COST Action MARCONS "Advancing marine conservation in the European and contiguous seas"
- 11-13/01/2016, Intensive course on "Planning the Sea: MARXAN as a tool for operational Maritime Spatial Planning", organized by the Italian National Research Council (CNR-ISMAR), Venezia, Italy; PacMARA (Canada), and University of Queensland (Australia).

Pacific Grove, USA, September 20, 2021