

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	FEDERICA FOGLINI	
Address		
Telephone		Mobile
SCOPUS links		
Other link		
E-mail	federica.foglini@ismar.cnr.it	
Nationality		
Date of Birth		
Gender		

WORK EXPERIENCE

- | | |
|--|---|
| <ul style="list-style-type: none">• Dates (from - to) | January 2021 - today |
| <ul style="list-style-type: none">• Name and address of the employer | National Research Council, Institute of Marine Sciences (CNR ISMAR) Bologna |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Senior Technologist (II level) |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | October 2012 – December 2020 |
| <ul style="list-style-type: none">• Name and address of the employer | National Research Council, Institute of Marine Sciences (CNR ISMAR) Bologna |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Technologist (III level) |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | April 2007 – April 2012 |
| <ul style="list-style-type: none">• Name and address of the employer | National Research Council, Institute of Marine Sciences (CNR ISMAR) Bologna |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Temporary technologist (III Level) |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | April 2005 – April 2007 |
| <ul style="list-style-type: none">• Name and address of the employer | National Research Council, Institute of Marine Sciences (CNR ISMAR) Bologna |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Researcher fellow |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | February 2014 – Today |
| <ul style="list-style-type: none">• Name and address of the employer | University of Bologna - Department of Biological, Geological, and Environmental Sciences |
| <ul style="list-style-type: none">• Type of business or sector | |
| <ul style="list-style-type: none">• Occupation or position held | Adjunct professor for the course Marine Spatial Planning and Monitoring of Marine Environment, GIS and Habitat mapping |
| <ul style="list-style-type: none">• Main activities and responsibilities | |
| <ul style="list-style-type: none">• Dates (from - to) | November 2001 – September 2003 |
| <ul style="list-style-type: none">• Name and address of the employer | G.A.S Sr. Geological Assistance and Services |

- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

Marine Geologist and cartography

2003 – 2004

University of Greenwich, London (UK)

GIS and data management, Geodatabase implementation and design for integrating environmental data

MSc in Geographical Information System and Remote Sensing

- Dates (from - to)
- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1996 - 2001

University of Bologna

Experimental degree thesis aimed at studying the landslide risks

Graduate in Geology

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE
OTHER LANGUAGES

ITALIAN
ENGLISH

SCIENTIFIC SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Research interests (5 Key words): GIS, Data Management, Habitat mapping, Multi Beam, Geomorphology
- Author of 51 publication on ISI Scientific Journals, 51 non ISI, (book chapter or proceedings); 45 Technical reports including cruise reports and 27 technological products (including, geodatabase, geoportal, metadata catalogues and maps).
- Organization and Communication at national and international congresses (more than 100 communications).
- Supervisor of 10 university theses (three-year, specialist and master's); guiding teacher and co-rapporteur of 2 doctoral theses.
- Lecturer of a module for academic course since 2014 (.GIS for habitat mapping) and lecturer for several GIS training course and summer schools.

RELEVANT ROLES AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- Coordinator of 19 research projects as principal investigator, working package leader, task leader. The three most important ones in the last 5 years:
 - o 2017-2020: AMARe – Actions for Marine Protected Areas Funding body: Iterreg Med Programme 2014-2020.WP leader;
 - o 2021-2023: RELIANCE REsearch Lifecycle mAnagement for Earth Science Communities and CopErnicus users in EOSC. Funding body: H2020 programme. WP leader.
 - o 2019-2022: FEAMP-ISSPA Innovation, development and sustainability of the fisheries and aquaculture sector for the Campania Regione. Funding body: FEAMP European Maritime and Fisheries Fund. WP leader and Task Leader.
- Principal investigator of for 15 Oceanographic cruises in the Mediterranean seas and participation of more than 20 cruises both on deep and shallow water for geophysical data acquisition and processing, multi-disciplinary marine data management including both biotic and abiotic variables.
- Appointed as a member of the Technical Sub-Committee on Ocean Mapping (TSCOM) for the General Bathymetric Chart of the Oceans GEBCO supporting the Seabed2030 international project
- Member of the Scientific Committee of the Geological and Biological Habitat mapping international association (GEOHAB) <https://geohab.org/>
- Member of the Scientific Committee of the Marginal Seas – Past and Future project initiative

- Member of the European Marine Board BIG DATA working group from 2019 to 2021 and authors of the policy brief Big data in Marine Science (<https://www.marineboard.eu/big-data-and-digitalization>)

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS: 51
- TOTAL NUMBER OF CITATIONS: 983
- H-INDEX: 19

10 MOST RELEVANT PUBLICATIONS *In the last 10 years.*

1. Madricardo, F., Bassani, M., D'Acunto, G., Calandriello, A., Foglini, F. (2021). New evidence of a Roman road in the Venice Lagoon (Italy) based on high resolution seafloor reconstruction. *Scientific Reports* 11(1).
2. Fanelli E, Bianchelli S, Foglini F, Canals M, Castellan G, Güell-Bujons Q, Galil B, Goren M, Evans J, Fabri M-C, Vaz S, Ciuffardi T, Schembri PJ, Angeletti L, Taviani M and Danovaro R. (2021). Identifying Priorities for the Protection of Deep Mediterranean Sea Ecosystems Through an Integrated Approach. *Frontiers in Marine Science*, 2021, 8.
3. Prampolini M, Angeletti L, Castellan G, Grande V, Le Bas T, Taviani M, Foglini F. (2021). Benthic Habitat Map of the Southern Adriatic Sea (Mediterranean Sea) from Object-Based Image Analysis of Multi-Source Acoustic Backscatter Data. *Remote Sensing*, 2021, 13(15).
4. Prampolini M, Savini A, Foglini F, Soldati M. (2020). Seven good reasons for integrating terrestrial and marine spatial datasets in changing environments. *Water* 12(8).
5. Garcia-Silva A, Gómez-Pérez J.M, Palma R, Krystek M, Mantovani S, Foglini F, Grande V, De Leo F., Salvi S, Trasatti E, Romaniello V, Albani M, Silvagni C, Leone R, Marelli F, Albani S, Lazzarini M, Napier H J, Glaves H M, Aldridge T, Meertens C, Boler F, Loescher H W, Laney C, Genazzio M A, Crawl D, Altintas I. (2019). Enabling FAIR research in Earth Science through research objects. *Future Generation Computer Systems*, 2019, 98, pp. 550–564.
6. Foglini F, Grande V, Marchese F, Bracchi V A, Prampolini M, Angeletti L, Castellan G, Chimienti G, Hansen I M, Gudmundsen M, Meroni A N, Mercorella A, Vertino A, Badalamenti F, Corselli C, Erdal I, Martorelli E, Savini A, Taviani M. (2019). Application of Hyperspectral Imaging to Underwater Habitat Mapping, Southern Adriatic Sea. *Sensors*, 2019, 19(10).
7. Trotter J A, Pattiaratchi C, Montagna P, Taviani M, Falter J L, Thresher R E, Hosie A, Haig D, Foglini F, Hua Q, McCulloch M. (2019). First ROV exploration of the Perth Canyon: Canyon setting, faunal observations, and anthropogenic impacts. *Frontiers in Marine Science*, 2019, 6(APR), 173.
8. Bargain A, Foglini F, Pairaud I, Bonaldo D, Carniel S, Angeletti L, Taviani M, Rochette S, Fabri M C. (2018). Titolo Predictive habitat modeling in two Mediterranean canyons including hydrodynamic variables. *Progress in Oceanography*, 2018, 169, pp. 151–168.
9. Madricardo F, Foglini F, Kruss A, Ferrarin C, Pizzeghello N M, Murri C, Rossi M, Bajo M, Bellafiore D, Campiani E, Fogarin S, Grande V, Janowski L, Keppel E, Leidi E, Lorenzetti G, Maicu F, Maselli V, Mercorella A, Gavazzi G M, Minuzzo T, Pellegrini C, Petrizzo A, Prampolini M, Remia A, Rizzetto F, Rovere M, Sarretta A, Sigovini M, Sinapi L, Umgieser G, Trincardi F. (2017). High resolution multibeam and hydrodynamic datasets of tidal channels and inlets of the Venice Lagoon. *Scientific Data*, 2017, 4.
10. Foglini F, Campiani E, Trincardi F. (2016). The reshaping of the South West Adriatic Margin by cascading of dense shelf waters. *Marine Geology*, 2016, 375, pp. 64–81.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

Bologna, 30.01.2022

Signature