

# Europass Curriculum Vitae



## Personal information

First name / Surname **Sarretta, Alessandro**

Address

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E-mail Work: [alessandro.sarretta@ismar.cnr.it](mailto:alessandro.sarretta@ismar.cnr.it);

Nationality Italian

Date of birth 02.02.1976

Gender Male

Other references ORCID: <http://orcid.org/0000-0002-1475-8686>  
Personal website: <https://ilsarrett.wordpress.com/>  
GitHub: <https://github.com/alesarrett>  
Twitter: <https://twitter.com/alesarrett>

**Occupational field** **Researcher in coastal and marine domain, expert in interoperability of spatial data and services, Spatial Data Infrastructures and management of environmental data**

## Work experience

Dates October 2012 – current job

Occupation or position held Researcher

Main activities and responsibilities Research in the fields of Coastal and Marine environments, sediments and morphological dynamics, data and services interoperability, spatial data infrastructures.  
Design and management of Spatial Data Infrastructures for the CNR - Institute of Marine Sciences and in European funded projects.  
Development of open source tools to support research and policy decisions.

Name and address of employer Istituto di Scienze Marine – Consiglio Nazionale delle Ricerche, Arsenale - Tesa 104, Castello 2737/F, 30122 Venezia, Italy

Type of business or sector Research studies in marine and coastal environments and spatial data infrastructures; Maritime Spatial Planning.

Dates March 2013 – August 2013

Occupation or position held Letter contract

Main activities and responsibilities Updating Technical Guidelines for Six INSPIRE Annex I Spatial Data Themes

Name and address of employer European Commission, Joint Research Centre, Institute for Environment and Sustainability, Digital Earth and Reference Data Unit, via Enrico Fermi 2749, 21027 Ispra Varese, Italy

Type of business or sector Research in the field of spatial data infrastructures and environmental information systems

Dates September 2012 – October 2012

Occupation or position held Grant for research activities

|                                      |   |
|--------------------------------------|---|
| Main activities and responsibilities | Participation in the Flagship Project <i>Italian Research for the Sea</i> (RITMARE).<br>Contribution to the creation of interoperable infrastructure for the RITMARE Project.   |
| Name and address of employer         | Istituto di Scienze Marine – Consiglio Nazionale delle Ricerche/ Arsenale - Tesa 104, Castello 2737/F, 30122 Venezia, Italy   |
| Type of business or sector           | Research studies in marine and coastal environments and spatial data infrastructures  |
| Dates                                | May 2009 – May 2012   |
| Occupation or position held          | Post Doc Grantholder  |
| Main activities and responsibilities | Research project: “Software architectures and standardization in the field of environmental information systems”.<br>European Commission contact point in four thematic working groups for the development of data specifications as regards interoperability of spatial data sets and services (Directive 2007/2/EC INSPIRE - Infrastructure for Spatial Information in the European Community): <ul style="list-style-type: none"> <li>• Atmospheric Conditions and Meteorological Geographical Features</li> <li>• Oceanographic Geographical Features and Sea Regions</li> <li>• Environmental Monitoring Facilities</li> <li>• Observations and Measurements</li> </ul> Participation in the coordination of SEIS-CAFE Pilot Project: Development and demonstration of technical IT solutions for data Exchange and reporting under CAFE Directive using INSPIRE services.<br>Participation in the PLUREL project (Peri-urban Land Use Relationships - Strategies and Sustainability Assessment Tools for Urban-Rural Linkages) in the frame of the FP6 of the European Commission.<br>Participation in test and development phases for the creation of an interoperable infrastructure for managing and sharing metadata, data and services in the European Commission. |
| Name and address of employer         | European Commission, Joint Research Centre, Institute for Environment and Sustainability, Spatial Data Infrastructure Unit, via Enrico Fermi 2749, 21027 Ispra Varese, Italy  |
| Type of business or sector           | Research in the field of spatial data infrastructures and environmental information systems   |
| Dates                                | April 2006 – March 2009   |
| Occupation or position held          | Grant for research activities   |
| Main activities and responsibilities | Research activities in “Grain-size data analysis in correlation with bathymetric changes in the Lagoon of Venice” research program. Data processing and analysis by means of statistical and GIS software; production of maps and reports; management of spatial databases and metadata using OGC and ISO standards.  |
| Name and address of employer         | Istituto di Scienze Marine - – Consiglio Nazionale delle Ricerche, 1364/A Castello, 30122 Venezia, Italy  |
| Type of business or sector           | Research studies in marine and coastal environments   |
| Dates                                | December 2006 – May 2007  |
| Occupation or position held          | Coordination of participatory process in the PAT (Territorial Structure Plan) of Padova   |
| Main activities and responsibilities | Coordination of groups of citizens in the Environmental System  |
| Name and address of employer         | Municipality of Padova  |
| Type of business or sector           | Citizen participation, city planning  |
| Dates                                | February 2006 – March 2006  |
| Occupation or position held          | Grant for research activities   |
| Main activities and responsibilities | Organization, managing and georeferencing of grain-size data in the Lagoon of Venice. Creation of sedimentary and hydrodynamic maps   |
| Name and address of employer         | Istituto di Scienze Marine - – Consiglio Nazionale delle Ricerche, 1364/A Castello, 30122 Venezia, Italy  |
| Type of business or sector           | Research studies in marine and coastal environments   |
| Dates                                | January 2003 – January 2006   |
| Occupation or position held          | Grant for research activities   |

Main activities and responsibilities Support for tackling ecological and environmental problems in the Lagoon of Venice. Member of scientific coordination committee for the Atlas of the Lagoon of Venice ("Atlante della Laguna").

Name and address of employer Istituto di Scienze Marine - – Consiglio Nazionale delle Ricerche, 1364/A Castello, 30122 Venezia, Italy

Type of business or sector Research studies in marine and coastal environments

**Education and training**

Dates June 2016

Title of qualification awarded Research Data Management and Sharing by The University of North Carolina at Chapel Hill & The University of Edinburgh on Coursera. Certificate earned on June 21, 2016 (online)  
<https://www.coursera.org/account/accomplishments/records/7A58QDA3U8XE>

Principal subjects/occupational skills covered Research Data Management

Name and type of organisation providing education and training The University of North Carolina at Chapel Hill & The University of Edinburgh on Coursera

Dates October 2004 – January 2008

Title of qualification awarded PhD in Environmental Sciences

Principal subjects/occupational skills covered Thesis Title: "Integration of grain-size data and environmental information in the Lagoon of Venice for the study of bottom habitats"

Name and type of organisation providing education and training University of "Ca' Foscari", Venezia, Italy. Facoltà di Scienze Matematiche, Fisiche e Naturali

Dates 2003 - 2004

Title of qualification awarded Master in Geographical Information Systems and Remote Sensing, 110/110

Principal subjects/occupational skills covered Cartography, Database Management Systems, Remote Sensing, Geographical Information Systems

Name and type of organisation providing education and training University IUAV, Venice, Department of Planning

Dates 1995 - 2002

Title of qualification awarded Degree in Environmental Sciences, 107/110

Principal subjects/occupational skills covered Thesis Title: "Processing techniques for images from the Landsat-ETM and Ikonos satellites for the classification of wet areas in correlation with the assessment of wells and field irrigation (Venice region, Northern Italy)

Name and type of organisation providing education and training University of "Ca' Foscari", Venezia, Italy. Facoltà di Scienze Matematiche, Fisiche e Naturali

Dates 1990 - 1995

Title of qualification awarded Scientific high school diploma

Name and type of organisation providing education and training Liceo Scientifico Statale E. Curiel, Padova

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

| Understanding | Speaking | Writing |
|---------------|----------|---------|
|---------------|----------|---------|

European level (\*)

**English**

**French**

| Listening |                  | Reading |                  | Spoken interaction |                 | Spoken production |                 |    |                 |
|-----------|------------------|---------|------------------|--------------------|-----------------|-------------------|-----------------|----|-----------------|
| C1        | Proficient user  | C2      | Proficient user  | C1                 | Proficient user | C1                | Proficient user | C1 | Proficient user |
| B1        | Independent user | B1      | Independent user | A1                 | Basic user      | A1                | Basic user      | A1 | Basic user      |

(\*) *Common European Framework of Reference for Languages*

Social skills and competences

Good ability to work in international environments and groups, in a team spirit.

Organisational skills and competences

Good experience in coordination of groups of people in research activities and projects.

Research skills and competences

- Deep knowledge in coordinating, managing and developing Spatial Data Infrastructures in the coastal/marine domain with a particular focus on interoperability, standard geospatial services (OGC, INSPIRE) and metadata and data models
- Analysis and integration of information for the study of interaction of human activity and environmental components; application in the context of Maritime Strategy Framework Directive and Maritime Spatial Planning.
- Study of morphological evolution of transitional and coastal environments
- Experience in bathymetric and sedimentological surveys in lagoon and coastal environments. Processing of bathymetric data.
- Use and knowledge of main spatial-related interoperability standards: OGC WMS, WFS, WCS, SOS; ISO 19000 series

Computer skills and competences

Good knowledge of Linux and Windows OS, Microsoft Office, Open/Libre Office, common graphical software (GIMP, Inkscape)

Management, analysis and processing of environmental data using geospatial tools and software.

*Desktop GIS:*

- good knowledge of QuantumGIS, GRASS, ArcGIS

*Web GIS and servers: Geoserver, GeoNetwork, GeoNode*

*Spatial DB:*

- basic knowledge of PostgreSQL and Postgis, SQLite

*Bathymetric dataset analysis:*

- basic knowledge of CARIS

Basic knowledge of Enterprise Architect, for UML modelling of conceptual models

Knowledge of basic statistics, geostatistics and multivariate statistics applied to environmental problems using statistic software (Python, R).

Basic knowledge of some scripting and programming languages: HTML, XML, Python, PHP, SQL, JavaScript, UML

Basic knowledge of interactive Data Analysis and Visualization using mainly Python and R.

Good knowledge of version control using git (Github, GitLab).

Driving licence

Italian driving licence.

## Additional information

### PEER REVIEWED PAPERS

Menegon S., Depellegrin D., Farella G., Gissi E., Ghezzi M., Sarretta A., Venier C., Barbanti A. 2018. A modelling framework for MSP-oriented cumulative effects assessment. *Ecological Indicators* 91:171–181. DOI: [10.1016/j.ecolind.2018.03.060](https://doi.org/10.1016/j.ecolind.2018.03.060). (Open access version available at Zenodo. DOI: [10.5281/zenodo.1195986](https://doi.org/10.5281/zenodo.1195986) [pre-print])

- Ferrarin C., Madricardo F., Rizzetto F., Mc Kiver W., Bellafiore D., Umgiesser G., Kruss A., Zaggia L., Fogliani F., Ceregato A., Sarretta A., Trincardi F. 2018. Geomorphology of scour holes at tidal channel confluences. *Journal of Geophysical Research: Earth Surface*. DOI: [10.1029/2017JF004489](https://doi.org/10.1029/2017JF004489).
- Minelli A., Oggioni A., Pugnetti A., Sarretta A., Bastianini M., Bergami C., Aubry FB., Camatti E., Scovacicchi T., Socal G. 2018. The project EcoNAOS: vision and practice towards an open approach in the Northern Adriatic Sea ecological observatory. *Research Ideas and Outcomes* 4:e24224. DOI: [10.3897/rio.4.e24224](https://doi.org/10.3897/rio.4.e24224).
- Minghini M., Delucchi L., Sarretta A., Lupia F., Napolitano M., Palmas A. 2018. Collaborative mapping response to disasters through openstreetmap: the case of the 2016 Italian earthquake. DOI: [10.5281/zenodo.1194529](https://doi.org/10.5281/zenodo.1194529).
- Depellegrin D, Menegon S, Farella G, Ghezzi M, Gissi E, Sarretta A, Venier C, Barbanti A. (2017) Multi-objective spatial tools to inform maritime spatial planning in the Adriatic Sea. *Science of The Total Environment*. 2017;609: 1627–1639. doi:[10.1016/j.scitotenv.2017.07.264](https://doi.org/10.1016/j.scitotenv.2017.07.264) (Open access version available at Zenodo: <https://doi.org/10.5281/zenodo.832445> [pre-print])
- Madricardo F., Fogliani F., Kruss A., Ferrarin C., Pizzeghello NM., Murri C., Rossi M., Bajo M., Bellafiore D., Campiani E., Fogarini S., Grande V., Janowski L., Keppel E., Leidi E., Lorenzetti G., Maicu F., Maselli V., Mercorella A., Montereale Gavazzi G., Minuzzo T., Pellegrini C., Petrizzo A., Prampolini M., Remia A., Rizzetto F., Rovere M., Sarretta A., Sigovini M., Sinapi L., Umgiesser G., Trincardi F. 2017. High resolution multibeam and hydrodynamic datasets of tidal channels and inlets of the Venice Lagoon. *Scientific Data* 4:170121. DOI: [10.1038/sdata.2017.121](https://doi.org/10.1038/sdata.2017.121).
- 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. Hewitt J, editor. *PLOS ONE*. 2017;12: e0180501. doi:[10.1371/journal.pone.0180501](https://doi.org/10.1371/journal.pone.0180501)
- Menegon S, Sarretta A, Barbanti A, Gissi E, Venier C. (2016) Open source tools to support Integrated Coastal Management and Maritime Spatial Planning. doi:[10.7287/peerj.preprints.2245](https://doi.org/10.7287/peerj.preprints.2245) [preprint]
- Molinaroli E, Sarretta A, Ferrarin C, Masiero E, Specchiulli A, Guerzoni S. (2014). Sediment grain size and hydrodynamics in Mediterranean coastal lagoons: Integrated classification of abiotic parameters. *Journal of Earth System Science* : 1–18. doi:[10.1007/s12040-014-0445-9](https://doi.org/10.1007/s12040-014-0445-9)
- Ferrarin, C., Ghezzi, M., Umgiesser, G., Tagliapietra, D., Camatti, E., Zaggia, L., and Sarretta, A. (2013). [Assessing hydrological effects of human interventions on coastal systems: numerical applications to the Venice Lagoon](https://doi.org/10.5194/hess-17-1733-2013), *Hydrol. Earth Syst. Sci.*, 17, 1733-1748, doi:[10.5194/hess-17-1733-2013](https://doi.org/10.5194/hess-17-1733-2013)
- Molinaroli, E., Sarretta, A., Guimarães, J.A. de S., Botter, M., Cassin, D., Guerzoni, S., (2013). [Relationship of Morpho-Sedimentological Variations to the Fate of Hg- and Zn-Polluted Sediments in the Contaminated Site of Porto Marghera, Lagoon of Venice, Italy](https://doi.org/10.4236/jep.2013.44A006). *Journal of Environmental Protection* 04, 37–49, DOI: 10.4236/jep.2013.44A006
- Ghezzi, M., Sarretta, A., Sigovini, M., Guerzoni, S., Tagliapietra, D., Umgiesser, G. (2011), *Modeling the inter-annual variability of salinity in the lagoon of Venice in relation to the water framework directive typologies*, *Ocean & Coastal Management*, 54, 706-719. <https://doi.org/10.1016/j.ocecoaman.2011.06.007>
- Sarretta, A., Pilon, S. Molinaroli, E., Guerzoni, S., Fontolan, G. (2010), [Sediment budget in the Lagoon of Venice, Italy](https://doi.org/10.1016/j.csr.2009.07.002), *Continental Shelf Research*, 30, 934-949. DOI; doi:[10.1016/j.csr.2009.07.002](https://doi.org/10.1016/j.csr.2009.07.002) Open Access version available at Zenodo: <https://doi.org/10.5281/zenodo.848918>
- Molinaroli, E., Guerzoni, S., Sarretta, A., Masiol, M., Pistolato, M. (2009), *Thirty-year changes (1970 to 2000) in bathymetry and sediment texture recorded in the Lagoon of Venice sub-basins, Italy*. *Marine Geology*, 258, 115 – 125. <https://doi.org/10.1016/j.margeo.2008.12.001>
- Molinaroli, E., Guerzoni, S., Falco, G. D., Sarretta, A., Cucco, A., Como, S., Simeone, S., Perilli, A., Magni, P. (2009), *Relationships between hydrodynamic parameters and grain size in two contrasting transitional environments: The Lagoons of Venice and Cabras, Italy* *Sedimentary Geology*, 219, 196 – 207. <https://doi.org/10.1016/j.sedgeo.2009.05.013>
- Molinaroli, E., Guerzoni, S., Sarretta, A., Cucco, A., Umgiesser, G. (2007), [Links between hydrology and sedimentology in the Lagoon of Venice, Italy](https://doi.org/10.1016/j.jms.2007.05.001). *Journal of Marine Systems* 68, 303 – 317.

Sarretta, A., Masiol, M., Molinaroli, E. (2007), *Development of algebra algorithms for automated generation of grain-size distribution maps*. Earth Surface Processes and Landforms 32, 1116-112. <http://onlinelibrary.wiley.com/doi/10.1002/esp.1464/abstract>. Open access version available at figshare: <https://doi.org/10.6084/m9.figshare.2060061.v2>

Guerzoni, S., Rossini, P., Sarretta, A., Raccanelli, S., Ferrari, G., Molinaroli, E. (2007), *POPs in the Lagoon of Venice: budgets and pathways*. Chemosphere, 67, 1776-1785. <https://doi.org/10.1016/j.chemosphere.2006.05.085>

#### OTHER PUBLICATIONS

Sarretta A. RRI e open science. Chapter in "Scienziati in affanno? Ricerca e Innovazione Responsabili (RRI) in teoria e nelle pratiche" (CNR Edizioni, 2018). pp. 49-54 DOI: 10.26324/2018RRICNRBOOK6 (available online at Zenodo DOI: [10.5281/zenodo.1233007](https://doi.org/10.5281/zenodo.1233007))

Barbanti A., Perini L. (Eds.) 2018. *Fra la terra e il mare: analisi e proposte per la Pianificazione dello Spazio Marittimo in Emilia-Romagna*. Zenodo. DOI: [10.5281/zenodo.1184364](https://doi.org/10.5281/zenodo.1184364).

Barbanti A., Sarretta A., Venier C., Bellacicco S., Farella G., Menegon S., Depellegrin D., Lorito S., Grati F., Bolognini L., Perini L., Pastres R., Porporato E. 2017. *Sviluppo ed analisi di proposte di ICZM-MSP in aree specifiche: costa emiliano-romagnola. Volume 2: Individuazione ed analisi dei possibili obiettivi gestionali e delle misure per attuarli*. Zenodo. DOI: [10.5281/zenodo.1160720](https://doi.org/10.5281/zenodo.1160720).

Barbanti A., Sarretta A., Venier C., Bellacicco S., Depellegrin D., Farella G., Menegon S., Lorito S., Grati F., Bolognini L., Perini L. 2017. *Sviluppo ed analisi di proposte di ICZM-MSP in aree specifiche: costa emiliano-romagnola. Volume 1: Quadro conoscitivo di riferimento e sua analisi ai fini della pianificazione dello spazio marittimo/ICM-MSP nella Regione Adriatico Ionica*. Zenodo. DOI: [10.5281/zenodo.1160726](https://doi.org/10.5281/zenodo.1160726).

M. Ravaioli, C. Bergami, F. Riminucci, S. Aracri, S. Aliani, M. Bastianini, A. Bergamasco, C. Bommarito, M. Borghini, R. Bozzano, C. Cantoni, E. Caterini, V. Cardin, C. Cesarini, R.R. Colucci, E. Crisafi, A. Crise, R. D'Adamo, C. Fanara, A. Giorgetti, F. Grilli, L. Langone, M. Lipizer, M. Marini, S. Menegon, T. Minuzzo, S. Miserocchi, E. Partescano, E. Paschini, F. Pavesi, P. Penna, S. Pensieri, A. Pugnetti, F. Raicich, A.G. di Sarra, A. Sarretta, K. Schroeder, G. Stanghellini, A. Vetrano (2017). *La rete scientifica italiana di siti fissi per l'osservazione del mare – IFON Stato dell'arte e upgrades durante il Progetto RITMARE (2012 – 2016)*. A cura di: Ravaioli M., Bergami C., Riminucci F. (2017). Roma, CNR Pubblicazioni 2017. pp. 50, ISBN 978-88-80802-44-0 (online: [http://www.ismar.cnr.it/file/divulgazione/libri/Ravaioli\\_et\\_al\\_IFON\\_CNR.pdf](http://www.ismar.cnr.it/file/divulgazione/libri/Ravaioli_et_al_IFON_CNR.pdf)).

Lupia F, Minghini M, Napolitano M, Palmas A, Sarretta A. (2016). *VGI and emergencies*. GEOmedia. 2016;20(5), pp.26-30. Available online: <http://www.mediageo.it/ojs/index.php/GEOmedia/article/view/1358>

Basoni A., Menegon S., Sarretta A., (2015). *Sailing Towards Open Marine Data: the RITMARE Data Policy*. ERCIM news, 100, 22-23. Available online: <http://ercim-news.ercim.eu/en100/special/sailing-towards-open-marine-data-the-ritmare-data-policy>

Barbanti A., Campostrini P., Musco F., Sarretta A., Gissi E. (eds.) (2015). *Developing a Maritime Spatial Plan for the Adriatic-Ionian Region*. CNR-ISMAR, Venice, IT. Available online at Zenodo: <https://doi.org/10.5281/zenodo.48231>

Barbanti A., Campostrini P., Musco F., Sarretta A., Gissi E. (eds.) (2015). [ADRIPLAN Conclusions and Recommendations: A short manual for MSP implementation in the Adriatic-Ionian Region](#). CNR-ISMAR, Venice, IT.

Haase, D., Piorr, A., Schwarz, N., Rickebusch, S., Kroll, F., Delden, H. van, Zuin, A., Taylor, T., Boeri, M., Zasada, I., Lavalle, C., Vanhout, R., Sarretta, A., Müller, F., Rounsevell, M., Bell, S., 2013. [Tools for Modelling and Assessing Peri-Urban Land Use Futures](#), in: Nilsson, K., Pauleit, S., Bell, S., Aalbers, C., Nielsen, T.A.S. (Eds.), *Peri-urban Futures: Scenarios and Models for Land Use Change in Europe*. Springer Berlin Heidelberg, pp. 69–88.

INSPIRE Thematic Working Group Atmospheric Conditions and Meteorological Geographical Features. [Data Specification on Atmospheric Conditions and Meteorological Geographical Features – Draft Guidelines](#). Technical Document supporting INSPIRE Directive 2007/2/EC. June 2012.

- INSPIRE Thematic Working Group Environmental Monitoring Facilities. [Data Specification on Environmental Monitoring Facilities – Draft Guidelines](#). Technical Document supporting INSPIRE Directive 2007/2/EC. June 2012.
- INSPIRE Thematic Working Group Oceanographic Geographical Features. [Data Specification on Oceanographic Geographical Features – Draft Guidelines](#). Technical Document supporting INSPIRE Directive 2007/2/EC. June 2012.
- INSPIRE Thematic Working Group Sea Regions. [Data Specification on Sea Regions – Draft Guidelines](#). Technical Document supporting INSPIRE Directive 2007/2/EC. June 2012.
- INSPIRE Cross Thematic Working Group on Observations & Measurements. [Draft Guidelines for the use of Observations & Measurements and Sensor Web Enablement-related standards in INSPIRE Annex II and III data specification development](#). Technical Document supporting INSPIRE Directive 2007/2/EC. June 2012.
- Van Delden Hedwig, Hurkens Jelle, Shi Yu-e, van Vliet Jasper, Vanhout Roel, Lavallo Carlo, Sarretta Alessandro, [Moland Light, version with generic parameter setting for each RUR region in EU27](#). Deliverable 5.5.2 for the PLUREL (Peri-Urban Land Use Relationships-Strategies and Sustainability assessment tools for urban-rural linkages) European integrated research project within the European Commissions sixth framework programme. March 2011.
- Rosselli, R., Sarretta, A., Marotta, L., 2006. *Batimetrie dei fondali (2000)*. In (Guerzoni, S., Tagliapietra, D., eds.) *Atlante della laguna. Venezia tra terra e mare*. Marsilio Editori Venezia. 16-17.
- Rosselli, R., Sarretta, A., Marotta, L., 2006. *Batimetrie dei fondali: confronti (1970, 1990, 2000)*. In (Guerzoni, S., Tagliapietra, D., eds.) *Atlante della laguna. Venezia tra terra e mare*. Marsilio Editori Venezia. 18-19.

#### CONFERENCES ABSTRACT/PRESENTATIONS

- Ravaioli M.; Bergami, C.; Riminucci F.; Aracri S.; Aliani S.; Bastianini M.; Bergamasco A.; Bommarito C.; Borghini M.; Bozzano R.; Brunetti F.; Cantoni C.; Caterini E.; Cardin V.; Cesarini C.; Colucci R.R.; Crisafi E.; Crise A.; D'Adamo R.; Fanara C.; Giorgetti A.; Grilli F.; Langone L.; Lipizer M.; Marini M.; Menegon S.; Minuzzo T.; Misericocchi S.; Partescano E.; Paschini E.; Pavesi F.; Penna P.; Pensieri S.; Pugnetti A.; Raicich F.; di Sarra A.G.; Sarretta A.; Schroeder K.; Scirocco T.; Specchiulli A.; Stanghellini G.; Vetrano A. (2017). The Italian Fixed-point Observatory Network for marine environmental monitoring – IFON: State of the art and upgrades during the Italian flagship project RITMARE (2012 – 2016). IMEKO International Conference on Metrology for The Sea. Naples, Italy, October 11-13, 2017 [Abstract]
- Grande Valentina; Sarretta, Alessandro; Campiani, Elisabetta; Correggiari, Anna; Fogliani, Federica; Remia, Alessandro; Rovere, Marzia; Trincardi, Fabio (2014): The Geologic Map of the Adriatic Sea: a first step towards INSPIRE Geology data specification compliance. Figshare. <https://doi.org/10.6084/m9.figshare.1210730.v1> Retrieved: 00:54, Sep 07, 2017 (GMT)
- Fugazza C, Basoni A, Menegon S, Oggioni A, Pavesi F, Pepe M, Sarretta A, Carrara P. (2014). [RITMARE: Semantics-aware Harmonisation of Data in Italian Marine Research](#). *Procedia Computer Science* 33: 261–265. DOI: 10.1016/j.procs.2014.06.041
- Schleidt K, Grellet S, Sarretta A, Tagliolato P, Kotsev A. (2015) Providing INSPIRE measurement data. Workshop at the INSPIRE/GWF Conference, Lisbon (Portugal), May 29 2015. Available: [https://geospatialworldforum.org/2015/workshop.asp?Sp\\_Department=INSPIRE%20Measurement%20Data](https://geospatialworldforum.org/2015/workshop.asp?Sp_Department=INSPIRE%20Measurement%20Data)
- Menegon, Stefano; Penna, Pierluigi; Bastianini, Mauro; Stanghellini, Giuseppe; Riminucci, Francesco; Sarretta, Alessandro (2016): CNR-ISMAR in situ observations network. IMDIS 2016, International Conference on Marine Data and Information Systems - Gdansk (Poland) - October 11-13, 2016. figshare. <https://doi.org/10.6084/m9.figshare.4001448.v1>
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## DATASETS

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Stefano Menegon; Elena Gissi; Alessandro Sarretta. (2016). Data for the paper "Addressing Uncertainties in Modelling Cumulative Impacts within Maritime Spatial Planning in the Adriatic and Ionian Region" [Data set]. Zenodo. <http://doi.org/10.5281/zenodo.58222>

## PARTICIPATION IN SCIENTIFIC RESEARCH PROJECTS

2018 – ongoing: PORTODIMARE (geoPORTal of TOols & Data for sustalnable Management of coAstal and maRine Environment). European funded project, ADRION Programme INTERREG V-B Transnational 2014-2020.

2018 – ongoing: I-STORMS (Integrated Sea sTORM Management Strategies). ADRION Programme INTERREG V-B Transnational 2014-2020

2017 – ongoing: MEDCIS (Support Mediterranean Member States towards coherent and Coordinated Implementation of the second phase of the MSFD) European funded project, under the grant procedure DG ENV. C2/MSFD SECOND CYCLE/2016.

2017 – ongoing: SIMWESTMED (Supporting Implementation of Maritime Spatial Planning in the Western Mediterranean region) European funded project under EASME/EMFF/2015/1.2.1.3.

2017 – ongoing: SUPREME (SUpporting maritime spatial Planning in the Eastern Mediterranean) European funded project under EASME/EMFF/2015/1.2.1.3.

2017 – ongoing: BlueMed (<http://www.blued-med-project.eu/>) Coordination and support action, European funded project under H2020-BG-13-2016 programme, aiming at boosting Blue Growth in the Mediterranean by promoting the concrete and operational implementation of the BLUEMED Strategic Research and Innovation Agenda (SRIA).

2016 – ongoing: MUSES (Multi-Use in European Seas - <https://muses-project.eu/>). European funded project under H2020-BG-3-2016 programme, grant agreement n° 727451.

Participation in activities related to work packages "Sea basin overview" and "Case studies".

2012 – 2018: RITMARE: la Ricerca Italiana per il MARE (<http://www.ritmare.it/>). Italian flagship project. Participation in various activities inside the Sub Project 7 "Interoperable Infrastructure for the Observation Network and Marine Data". Leader of the WP "Infrastructure requirements definition". Participation in the definition of the Data Policy of the project.

Participation in activities related to an Open Science approach to the definition of an Ecological Observatory in the North Adriatic (EcoNAOS).

Participation in activities of the Observational System for the management of the Lagoon of Venice (SOLVE).



2015 – 2017: ActionMed (Action Plans for Integrated Regional Monitoring Programmes - <http://actionmed.eu/>), Coordinated Programmes of Measures and Addressing Data and Knowledge Gaps in Mediterranean Sea. (DG ENV/MSFD Action Plans /2014).  
Participation in the activities of the Work Package “The information Management System for Knowledge and Data Update”.

2013 - 2015: ADRI-PLAN: ADRIatic Ionian maritime spatial PLANning (<http://adriplan.eu/>) (EU project MARE/2012/25).  
Participation in various activities, Leader of the Work Package “Data and information management”.

#### **TEACHING ACTIVITIES**

2017-2018 *Gis for Maritime Spatial Planning*, for the Master Erasmus Mundus on Maritime Spatial Planning, University IUAV of Venice.

2017 *Gis for Maritime Spatial Planning*, for the Master Erasmus Mundus on Maritime Spatial Planning, University IUAV of Venice.

2016 *Gis for Maritime Spatial Planning*, for the Master Erasmus Mundus on Maritime Spatial Planning, University IUAV of Venice.

2015 *Gis for Maritime Spatial Planning*, for the Master Erasmus Mundus on Maritime Spatial Planning, University IUAV of Venice.

#### **OTHER**

Since 2007, Member of Italian Geographic Free and Open Source Software Association, GFOSS.it ([www.gfoss.it](http://www.gfoss.it))

Member of the Italian Association for Open Science – AISA Associazione italiana per la promozione della scienza aperta (<http://bfp.sp.unipi.it/aisa/about-aisa/>)

Fellow at the Institute of Open Leadership IOL#2 2016 (Open Policy Network <https://openpolicynetwork.org/>)

Volunteered contributor to mapping activities through [Openstreetmap.org](http://Openstreetmap.org) and [Mapillary](http://Mapillary).

Date, 19 July 2018

Signature  
Alessandro Sarretta

