

PERSONAL INFORMATION

Anna Nora Tassetti



Work address: Institute for Biological Resources and Marine Biotechnologies (IRBIM) of the National Research Council (CNR), Largo Fiera della Pesca, 2, 60125 Ancona AN (Italy)

✉ annanora.tassetti@cnr.it

ORCID Number <http://orcid.org/0000-0001-5946-7877> | Web of Science ResearcherID O-4087-2016 | Scopus Author ID 57199423078

WORK POSITION  
27/12/2018–Present

Permanent Research Scientist (Level III)

Institute for Biological Resources and Marine Biotechnologies (IRBIM) of the Italian National Research Council (CNR), Ancona (Italy)

Main activities and responsibilities

GEOMATIC ENGINEER with experience in spatial fisheries data analysis for fishery management, GIS/WebGIS for maritime spatial planning and assessment of the impacts on marine ecosystems induced by natural events/human activities, Multibeam Bathymetry for habitat mapping and monitoring.

EDUCATION AND TRAINING

01/10/2006–03/02/2010

PhD in Geomatics (ICAR/06 -Topography and Cartography)

EQF level 8

Università Politecnica delle Marche, Faculty of Engineering, Ancona (Italy). Final judgment: Excellent

01/09/2007–16/03/2009

Master of Science (M.Sc.) in Photogrammetry and Geoinformatics

EQF level 8

Stuttgart University of Applied Sciences, Faculty of Geomatics Computer Science and Mathematics, Stuttgart (Germany). Overall mark: Good (1.7)

12/2006

State examination for professional Engineer qualification

Università Politecnica delle Marche, Ancona (Italy)

01/10/1998–19/07/2006

Master Degree in Civil Engineering

EQF level 7

Università Politecnica delle Marche, Ancona (Italy). Overall mark: 110/110 *cum laudae* and the dignity of print for the Degree Thesis

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C1
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Organisational / managerial skills

Good organisational skills gained as tutor/supervisor of undergraduate students, teaching experiences and charter member of 2 spin-off companies of Università Politecnica delle Marche: *SI2G* (Charter member since 2008) and *EVE* (Charter member since 2014)

Job-related skills

Experiences and good command of:

- Processing of spatial data, GIS analysis and Web publication, spatial database management
- Data acquisition/processing by underwater Multibeam Echosounder (experience with EM3002D, EM2040), terrestrial Laser Scanning (experience with Leica ScanStation C10, FARO Focus 3D), Close-range/ Aerial Photogrammetry and 2D/3D Cartographic restitution
- Processing of remotely-sensed data (Optical / Radar)

Digital competence

*GIS and Geoweb Application:* ArcGIS, QGIS, Surfer, MapServer/Geoserver, OpenLayers, Lizmap.  
*Processing of MBES data:* SIS, Caris HIPS and SIPS, QPS Fledermaus, Echoview.  
*Computer graphics:* Autocad, Autocadmap, Adobe Photoshop, basis of Sketch-up.  
*Programming languages:* Matlab, R.  
*Databases:* MS Acces, PostgreSQL/postGIS.

*Photogrammetry/Remote Sensing:* Agisoft Photoscan, ENVI, ERDAS Imagine, PCI, eCognition.  
*Processing-modelling of LIDAR data:* Geomagic, Meshlab, Faro scene, Pointools, CloudCompare

 ADDITIONAL INFORMATION
 

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## Academic Activities

Short-term employment for support to teaching within the Topography course of Civil Engineering (2015/2016 a.y, 2014/2015 a.y., 2013/2014 a.y.) conferred by Università Politecnica delle Marche  
 Supervisor for degree thesis (First/Second cycle degree in Civil Engineering, Università Politecnica delle Marche - Second cycle degree in Marine Biology Università di Bologna)

 Contribution to Working Group /  
 Consultancy experiences

Involved in the activities of the Scientific Advisory Committee (SAC), of the General Fishery Commission for the Mediterranean (GFCM) and in FAO working groups.  
 Involved as reviewer in the peer-reviewing process for the International ISI Journals

 Most relevant Projects  
 (within last 5 years)

**Letter of Agreement Between the FAO/GFCM and CNR-IRBIM** for provision of “Identification and mapping of bottom trawl fishing grounds for deep-water red shrimp in the Eastern-Central Mediterranean Sea (GSAs 12-16, 18-27). Responsible for the provision.

**PO FEAMP 2014/2020 SSPA** - Innovation, development and sustainability in fisheries and aquaculture for the Campania Region. Measure 1.40. Responsible for CNR-IRBIM and Task 1.2- Mapping of fishing effort in Natura 2000 sites and MPA.

**PO FEAMP 2014/2020 SSPA** - Innovation, development and sustainability in fisheries and aquaculture for the Campania Region. Measure 2.47. Responsible for Task 2.4 (WP2)-AR prototype to support the management of a mussel farm.

**EASME/EMFF/2017 SPECIFIC CONTRACT MED-UNITS** - Study on Advancing fisheries assessment and management advice in the Mediterranean by aligning biological and management units of priority species. Responsible for M3.1 and D3.1. Support to WP3-Delineate fishing grounds and stock assessment.

**Interreg V-A Italy-Croatia 2014-2020 Strategic call for proposals ARGOS** - ShARed GOVERNance of Sustainable fisheries and aquaculture activities as leverage to protect marine resources in the Adriatic Sea. Responsible per D5.2.4-Protocol for SSF data collection and proposal for management (WP5)

**Interreg V-A Italy-Croatia CBC Programme 2014-2020 ADRIREEF** – Innovative exploitation of Adriatic Reefs in order to strengthen blue economy. Support to WP3–Mapping of Adriatic reefs from different perspectives. Responsible for MBES survey campaign and data processing

**H2020-BG-2018-2020 ERA-NET COFUND BlueBio** - Unlocking the potential of aquatic bioresources. Support to WP7 and Task 7.1–Web mapping application/database of cooperation in fisheries, aquaculture, seafood processing and marine biotech

**PO FEAMP NORA** - Development of tools to support the integrated and participatory governance and planning process in the maritime region of Chioggia. “Project Call GAC Chioggia Delta del Po Action 5.B.1–Marine Spatial Planning”. Responsible for CNR-IRBIM.

**EASME/EMFF/2015/1.2.1.7/03/SI2.735917– SUPREME** - SUPporting maritime spatial Planning in the Eastern Mediterranean. Support to WP1, Mapping of fishing effort and spatial analysis for MSP.

**MARE VIVO** – Provision of analysis and activities to support guidelines for the management plans of oysters in the Marche and Abruzzo regions. AIS-based spatial analysis/mapping of fishing effort.

**EASME/EMFF/2015/1.2.1.7/03/SI2.735917 ArtReefs** - Innovative, competitive and integrated tools for sustainable coastal tourism and inclusive Blue Growth in the Mediterranean and Black Seas. Support to WP1. Responsible for D1.5 and D.16-Development of SEAGRID module

**HAVBRUK2 AcquaAccept** - Developing novel socio-environmental indicators and management tools for a sustainable aquaculture. Support to WP3 and development of SEAGRID module

**DG MARE – EMFF European Maritime and Fisheries Fund. Contract n. SI2.658137 - EMODnet Mediterranean Sea Basin Checkpoint: Growth and Innovation in Ocean Economy – Gaps and Priorities in sea basin observation and data.** Lot-2, The Mediterranean Sea. Challenge 5– Fisheries Management. Responsible for MEDSEA\_CH5\_Products 5,6,7 and 8

**FP7-ERANET-2012-RTD ERANET COFASP**-Strengthening cooperation in European research on sustainable exploitation of marine resources in the seafood chains. Support to WP1 and development/management of the online Projects’ database

**Environmental investigations and monitoring activities** linked to the excavation work of the seabed located in several ports Marche Region, 2015-ongoing. Responsible for MBES survey campaigns and bathymetric data processing (before and post dumping).

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196

"Codice in materia di protezione dei dati personali.