


PERSONAL INFORMATION

Silvia Angelini

 National Research Council (CNR) – Institute of Biological Resources and Marine Biotechnologies (IRBIM)  
Largo Fiera della Pesca 2, 60125, Ancona, Italy

 + 39 071 2078833  + 39 3385830506

 [silvia.angelini@cnr.it](mailto:silvia.angelini@cnr.it)

 [https://www.researchgate.net/profile/Silvia\\_Angelini](https://www.researchgate.net/profile/Silvia_Angelini)

Sex Female | Date of birth 13/02/1986 | Nationality Italian

WORK EXPERIENCE

December 2017 – Present  
[\(Evidence B2\)](#)

- **Researcher** at the Institute of Marine Sciences of the Italian National Research Council (ISMAR-CNR Ancona). Aim: stock assessment of demersal and small pelagic species using both single species models and ecosystem models, including also UWTV.

July 2014 – December 2017  
[\(Evidence B2\)](#)

- **Research fellowship** from the Institute of Marine Sciences of the Italian National Research Council (ISMAR-CNR Ancona). Aim: stock assessment of demersal species using both single species models and ecosystem models, including also UWTV.

June 2011 - June 2014  
[\(Evidence B2\)](#)

- **Scholarship** from the Institute of Marine Sciences of the Italian National Research Council (ISMAR-CNR Ancona). Aim: analysis of biological data from landings and discards of fishing activities in the Adriatic Sea, and assessment of the fish stocks via population dynamics methods.

EDUCATION AND TRAINING

2016  
[\(Evidence B2\)](#)

- **Phd in Biodiversity and Evolution** at the University of Bologna carried out in collaboration with the Institute of Marine Sciences of the Italian National Research Council (ISMAR-CNR) (Ancona, Italy) and the ‘Commonwealth Scientific and Industrial Research Organization (CSIRO) - Marine and Atmospheric Research (CMAR)’ (Brisbane and Hobart, Australia). Thesis title: “TOWARDS AN ECOSYSTEM APPROACH TO FISHERIES FOR *NEPHROPS NORVEGICUS* AND *MERLUCCIVUS MERLUCCIVUS* INHABITING THE CENTRAL ADRIATIC SEA”.

2011  
[\(Evidence B2\)](#)

- **Master of Science degree in MARINE BIOLOGY** at the University of Bologna – Faculty of Mathematical, Physical and Natural Science. Final degree mark: 106/110. Thesis title: “ASSESSMENT OF THE STOCKS OF ANCHOVIES (*Engraulis encrasicolus*) AND SARDINES (*Sardina pilchardus*) WITH POPULATION DYNAMIC METHODS”.

2008  
[\(Evidence B2\)](#)

- **Bachelor of Science degree in Aquaculture and Ittiopathology** at the University of Bologna - Faculty of Veterinary Medicine. Final degree mark: 108/110. Thesis title: “CHANGES INDUCED BY THE CALF BIRTH IN THE BEHAVIOR OF A FEMALE BOTTLENOSE DOLPHIN”.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)  
[\(Evidence B5\)](#)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2

Communication skills  
[\(Evidence B2\)](#)

Good communication skills gained through the work experience as researcher.

Organisational / managerial skills  
[\(Evidence B2\)](#)

Good organisational skills acquired during the participation in different national and international research projects and working groups.

Job-related skills  
**(Evidence B2)**

Fishery scientist. She is principally involved in producing stock assessments for small pelagic and demersal species; the results of these assessments are presented at various international management fora such as the European Union and FAO (Adriamed and GFCM). She is also involved in the development of stock assessments of data limited stocks. She has experience in using both simple single species stock assessment models that more complex models; during her PhD she developed expertise for developing models regarding the Ecosystem Approach to Fisheries. Moreover, she is also involved in the Italian data collection framework for the EU, collecting and analysing fishery and biological data for the most important commercial species of the Adriatic Sea. She is also part of a team that carries out yearly towed underwater TV surveys aimed at estimating the abundance of Norway lobster living in the Central Adriatic Sea. Producing reports for the projects in which she is involved is part of her work, as well as keeping contacts and circulating information among project partners. She has participated to stakeholder meetings with the aim of promoting research results, but also for discussing problems related to the fishing activity and trying to identify possible solutions.

Digital competence  
**(Evidence B2)**

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Good knowledge of Windows, Word, Excel, Power Point, Observer 5.0 (a program for ethology's studies), PASW Statistics 18, Image Pro Plus, VPA95 (Lowestoft suite), ICA (Patterson & Melvin, 1996), LCA with VIT 1.3, R, ADMB, CASAL, SS3.3. Beginner in Arcview and Access.

ADDITIONAL INFORMATION

*Publications*  
**(EVIDENCE B2)**

*Scientific papers*

**Angelini S.**, Martinelli M., Santojanni A., Colella S., 2020. Biological evidence of the presence of different subpopulations of Norway lobster (*Nephrops norvegicus*) in the Adriatic Sea (Central Mediterranean Sea). *Fisheries Research* 221 (105365). <https://doi.org/10.1016/j.fishres.2019.105365>

Russo T., Morello E. B., Parisi A., Scarcella G., Angelini S., Labanchi L., M. Martinelli M., D'Andrea L., Santojanni A., Ameri E., Cataudella S., 2018. A model combining landings and VMS data to estimate landings by fishing ground and harbour. *Fisheries Research* 199 (218 - 230). <https://doi.org/10.1016/j.fishres.2017.11.002>

Bastardie F., **S. Angelini**, L. Bolognini, F. Fuga, C. Manfredi, M. Martinelli, J. R. Nielsen, A. Santojanni, G. Scarcella, and F. Grati. 2017. Spatial planning for fisheries in the Northern Adriatic: working toward viable and sustainable fishing. *Ecosphere* 8(2):e01696. [10.1002/ecs2.1696](https://doi.org/10.1002/ecs2.1696)

**S. Angelini**, R. Hillary, E. B. Morello, É. E. Plagányi, M. Martinelli, C. Manfredi, I. Isajlović, A. Santojanni. An ecosystem model of intermediate complexity to test management options for fisheries: a case study. *Ecological Modelling* 319 (2016) 218–232. <http://dx.doi.org/10.1016/j.ecolmodel.2015.07.031>

Santojanni A., Leonori I., Piccinetti C., Fabi G., **Angelini S.**, Belardinelli A., Biagiotti I., Canduci G., Carpi P., Colella S., Costantini I., Croci C., De Felice A., De Marco R., Domenichetti F., Donato F., Giuliani G., Grati F., Malavolti S., Manfredi C., Martinelli M., Panfili M., Scarcella G., Tesauro C., Vasapollo C. Annual report on the state of biological resources in the northern and central Adriatic Sea (GSA 17). In: Mannini A., Sabatella R.F. (eds) (2015) - *Annuario sullo stato delle risorse e sulle strutture produttive dei mari italiani*. *Biol. Mar. Mediterr.*, 22 (Suppl. 1): 358 pp.

Santojanni A., Leonori I., Piccinetti C., Fabi G., **Angelini S.**, Belardinelli A., Biagiotti I., Campanella F., Canduci G., Carpi P., Cingolani L., Cingolani N., Colella S., De Felice A., De Marco R., Donato F., Giuliani G., Grati F., Malavolti S., Manfredi C., Martinelli M., Panfili M., Scarcella G., Vasapolo C. Annual report on the state of biological resources in the northern and central Adriatic Sea (GSA 17). In: Mannini A., Sabatella R.F. (eds) (2012) - Annuario sullo stato delle risorse e sulle strutture produttive dei mari italiani. Biologia Marina Mediterranea 19 (s1): 113-137, 2012.

Santojanni A., **Angelini S.**, Basilone G., Biagiotti I., Bonanno A., Carpi P., De Felice A., Leonori I., Patti B., Petrillo M., Sbrana M., 2011. "Chapter 2.4 - Small pelagic species in the seas surrounding Italy." In: The status of fishery in Italy - S. Cautadella e M. Spagnolo, Ministry of Agriculture Food and Forestry Policies, General Directorate of Fisheries and Aquaculture: pp 188-194.

<http://www.politicheagricole.it/flex/cm/pages/ServeBLOB.php/L/IT/IDPagina/5164>

Ancona, 15 March 2020

*Silvia Angelini*