

## Francesca Margiotta

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**Current Position:** tecnologo III° livello, Technologist

### **Current Affiliation:**

Section Research Infrastructures for Marine Biological Resources  
Monitoring and Environmental Data Analyses Unit (MEDA)

### **Education/Training/Experience**

<b>Institute and Location</b>	<b>Degree / Function</b>	<b>Year</b>	<b>Field of Study</b>
Università degli Studi di Napoli 'Federico II'	Master (Laurea)	2001	Chemical Engineering
Università degli Studi di Napoli 'Federico II'	Ph.D	2012	Nutrient dynamics in coastal waters
Stazione Zoologica Anton Dohrn, Napoli, Italy	Research contract	2002-2003	Coastal water monitoring
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist Temporary position	2003-2009	Nutrients in coastal waters
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist Permanent position	2009-present	Carbon, Nitrogen and Phosphorous dynamics in coastal waters

### **Appointments and awards**

Faculty of 1000 highlight (RECOMMENDED) for the paper Zingone A, Dubroca L, Iudicone D, Margiotta F, Corato F, Ribera d'Alcalà M, Saggiomo V, Sarno D (2010). Coastal phytoplankton do not rest in winter. *Estuaries and Coasts* 33: 342-361

2012-2013: Member of the Italian Expert Group for the definition of Descriptor 5, 'Eutrophication', within the Marine Strategy Framework Directive (MSFD)

### **Other**

Member of the Associazione Italiana di Oceanografia e Limnologia (AIOL).

Involved in four EU-funded projects, and in 8 national research projects.

Participant in several monitoring programs and environmental impact evaluations for local/national institutions

Responsible of nutrients and chlorophyll analyses at LTER-MareChiara.

Participant in three expeditions in Antarctica and in more than 10 oceanographic cruises in the Mediterranean Sea.

***List of publications of the last 10 years:***

**Peer-reviewed publications:**

D'Alelio D., Mazzocchi M. G., Montresor M., Sarno D., Zingone A., Di Capua I., Franzé G., Margiotta F., Saggiomo V., Ribera d'Alcalà M. (2014). The green-blue swing: plasticity of plankton food-webs in response to coastal oceanographic dynamics, *MARINE ECOLOGY*.

Brunet C., Conversano F., Margiotta F., Dimier C., Polimene L., Tramontano F. and Saggiomo V. (2013). Role of light and photophysiological properties on phytoplankton succession during the spring bloom in the north-western Mediterranean Sea, *Advances in Oceanography and Limnology* vol 4(1):1-19, doi: 10.1080/19475721.2013.779937.

Mangoni O., Basset A., Bergamasco A., Carrada G.C., Margiotta F., Passarelli A., Rivaro P., Saggiomo M., Saggiomo V. (2013). A case study on the application of the MSFD to Mediterranean coastal systems: The Po plume, as a transitional water system in the Northern Adriatic basin. *Transit. Water Bull.*, 7 (2): 175-201

Montresor M., Di Prisco C., Sarno D., Margiotta F., Zingone A. (2013). Diversity and germination patterns of diatom resting stages at a coastal Mediterranean site, *MARINE ECOLOGY PROGRESS SERIES* vol. 484: 79-95, ISSN: 0171-8630, doi: 10.3354/meps10236

Rivaro P., Abemoschi M.L., Grotti M., Ianni C., Magi E., Margiotta F., Massolo S., Saggiomo V. (2012). Combined effects of hydrographic structure and iron and copper availability on the phytoplankton growth in Terra Nova Bay Polynya (Ross Sea, Antarctica). *DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS*, 6297-110, ISSN: 0967-0637, doi: 10.1016/j.dsr.2011.12.008

Mangoni O., Margiotta F., Saggiomo M., Santarpia I., Budillon G., Saggiomo V. (2011). Trophic Characterization of the Pelagic Ecosystem in Vlora Bay (Albania). *JOURNAL OF COASTAL RESEARCH*, vol. 58; p. 67-79, ISSN: 0749-0208, doi: 10.2112/SI\_58\_7

Saggiomo V, Santarpia I, Saggiomo M, Margiotta F, Mangoni O (2011). Primary production processes and photosynthetic performance of a unique periantarctic ecosystem: the Strait of Magellan. *POLAR BIOLOGY*, vol. 34; p. 1255-1267, ISSN: 0722-4060, doi: 10.1007/s00300-011-1038-6

Zingone A, Dubroca L, Iudicone E D, Margiotta F, Corato F, Ribera d'Alcalà M, Saggiomo V, Sarno D (2010). Coastal Phytoplankton Do Not Rest in Winter. *ESTUARIES AND COASTS*, vol. 33; p. 342-361, ISSN: 1559-2723, doi: 10.1007/s12237-009-9157-9

Celussi M, Paoli A, Crevatin E, Bergamasco A, Margiotta F, Saggiomo V, Fonda Umani S, Del Negro P (2009). Short-term under-ice variability of prokaryotic plankton communities in coastal Antarctic waters (Cape Hallett, Ross Sea). *ESTUARINE, COASTAL AND SHELF SCIENCE*, vol. 81; p. 491-500, ISSN: 0272-7714, doi: 10.1016/j.ecss.2008.12.014