



CURRICULUM VITAE

Francesco Placenti

Institute for Coastal Marine Environment, National Research Council (IAMC-CNR) Via del Mare 3, 91021, Capo Granitola, Italy



OCCUPATION FIELD: Biogeochemistry and oceanography

PLACE AND DAY OF BIRTH: Mazara del Vallo (TP), Italy, 12 of December 1970

GENDER: Male

CITIZENSHIP: Italian

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EDUCATION

PhD (2008-2011) in Environmental Science, Cà Foscari University of Venice, project title: "Biogeochemistry in the Strait of Sicily (macro and micronutrients).

Master (2003-2005) in "Monitoring of the Marine Environment and Oceanography" at National Research Council of Italy (CNR)-Institute of Marine and Coastal Environment of Mazara del Vallo.

Master (2000-2001) in "Applied acoustic technician for marine applications" at National Research Council of Italy (CNR)-Institute of Marine and Coastal Environment of Mazara del Vallo.

Degree (1996) in Geological Sciences, University of Palermo, Italy

RECENT EMPLOYMENTS AND MAIN ACTIVITIES

- **Research technologist** (2012-2017) in " biogeochemistry of nutrients in seawater and oceanography" at Institute for Coastal Marine Environment, National Research Council (CNR-IAMC di Capo Granitola), Italy.
- **Research Fellowship** (2011) in "biogeochemistry of nutrients in seawater and oceanography" at Institute for Coastal Marine Environment, National Research Council (CNR-IAMC di Capo Granitola), Italy.
- **Research Fellowship** (2006-2007) in "Development of innovative bio-acoustic and biogeochemical technologies in support of the Sicilian Southern Maritime Business", at Institute for Coastal Marine Environment, National Research Council (CNR-IAMC di Mazara del Vallo), Italy.
- **Responsible** for nutrient laboratory (since 2010) at Institute for Coastal Marine Environment, National Research Council (CNR-IAMC di Capo Granitola), Italy.
- Has participated (2000-2017) at about twenty-five oceanographic cruises .
- Has participated (2000-2017) at about 25 Regional, National and International research projects.

SCIENTIFIC PAPERS

1. Patti, B., Zarrad, R., Othman, J., Bonanno, A., Cuttitta, A., Basilone, G., Aronica, S., **Placenti, F.**, Tranchida, G., Armeri, G. M., Buffa, G., Ferreri, R., Genovese, S., Musco, M., Traina, A., Torri, M., Mifsud, R. and Mazzola, S., 2017. *Anchovy (*Engraulis encrasicolus*) early life stages in the Central Mediterranean Sea: connectivity issues emerging among adjacent sub-areas across the Strait of Sicily*. *Hydrobiologia*, 1-16 DOI: 10.1007/s10750-017-3253-9
2. Bonomo, S., **Placenti, F.**, Zgozi, S., Torri, M., Quinci, E. M., Cuttitta, A., Genovese, S., Mazzola, S., Aronica, S., Barra, M., El Turki, A., Hamza, M., Uheshi, O., Bara, M., Assughayer, M., Bonanno, A., 2017. *Relationship between coccolithophores and the physical and chemical oceanography of overlying waters in eastern Libyan coast*. *Hydrobiologia*, 1-20. DOI: 10.1007/s10750-017-3227-y
3. Bonomo S., **Placenti F.**, Quinci E. M., Cuttitta A. , Genovese S., Mazzola S., Bonanno A. *Living coccolithophores community from Southern Tyrrhenian Sea (Central Mediterranean - Summer 2009)* *Marine micropaleontology* 131, pp. 10-24
4. Cuttitta, A., Quinci, E. M., Patti, B., Bonomo, S., Bonanno, A., Musco M., Torri, M., **Placenti, F.**, Basilone, Genovese, S., G., Armeri, G. M., Spanò A., Arculeo M., Mazzola A. and Mazzola S., 2016. *Different key roles of mesoscale oceanographic structures and ocean bathymetry in shaping larval fish*

- distribution pattern: a case study in Sicilian waters in summer 2009*. Journal of Sea Research, Vol. 115, pp. 6–17, DOI:10.1016/j.seares.2016.04.005.
5. A. Cuttitta, B. Patti, T. Maggio, E. M. Quinci, A. M. Pappalardo, V. Ferrito, V. De Pinto, M. Torri, F. Falco, A. Nicosia, M. Musco, G. M. Armeri, F. **Placenti**, G. Tranchida, R. Mifsud, A. Bonanno and S. Mazzola. *Larval population structure of Engraulis encrasicolus in the Strait of Sicily as revealed by morphometric and genetic analysis*. Fish. Oceanogr. 24:2, 135–149, 2015.
 6. Bonanno A., **Placenti** F., Basilone G., Mifsud R., Genovese S., Patti B., Di Bitetto M., Aronica S., Barra M., Giacalone G., Ferreri R., Fontana I., Buscaino G., Tranchida G., Quinci E., Mazzola S. *Variability of water mass properties in the Strait of Sicily in summer period of 1998 – 2013* Ocean Sci., 10, 759–770, 2014
 7. S. Passaro, S. Genovese, M. Sacchi, M. Barra, P. Rumolo, S. Tamburrino, S. Mazzola, G. Basilone, F. **Placenti**, S. Aronica, A. Bonanno. *First hydroacoustic evidence of marine, active fluid vents in the Naples Bay continental shelf (Southern Italy)*. Journal of Volcanology and Geothermal Research 285 (2014) 29–35
 8. **Placenti** F., Schroeder K., Bonanno A., Zgozi S., Sprovieri M., Borghini M., Rumolo P., Cerrati G., Bonomo S., Genovese S., Basilone G., Haddoud D.A., Patti B., El Turki A., Hamza M., Mazzola S. *Water masses and nutrient distribution in the Gulf of Syrte and between Sicily and Libya*. Journal of Marine Systems, vol. 121–122 (36–46) 2013.
 9. La Cono, V., La Spada, G., Arcadi, E., **Placenti**, F., Smedile, F., Ruggeri, G., Michaud, L., Raffa, C., De Domenico, E., Sprovieri, M., Mazzola, S., Genovese, L., Giuliano, L., Slepak, V.Z., Yakimov, M.M. *Partaking of Archaea to biogeochemical cycling in oxygen deficient zones of meromictic saline Lake Faro (Messina, Italy)*. Environmental Microbiology (2013) 15(6), 1717–1733.
 10. S. Bonomo, M. Grelaud, A. Incarbona, E. Malinverno, F. **Placenti**, A. Bonanno, E. Di Stefano, B. Patti, M. Sprovieri, S. Genovese, P. Rumolo, S. Mazzola, S. Zgozi and P. Ziveri, 2012. *Living Coccolithophores from the Gulf of Sirte (Southern Mediterranean Sea) during the summer of 2008*. Micropaleontology vol. 58, number 6.
 11. Fazio F., Filiciotto F., Marafioti S., Di Stefano V., Assenza A., **Placenti** F., Buscaino G., Piccione G., Mazzola S. *Automatic analysis to assess haematological parameters in farmed gilthead sea bream (Sparus aurata L.)*. Marine and Freshwater Behaviour and Physiology 2012, 1–11, iFirst
 12. G. Tranchida, E. Oliveri, M. Angelone, A. Bellanca, P. Censi, M. D’Elia, R. Neri, F. **Placenti**, M. Sprovieri, S. Mazzola. *Distribution of rare earth elements in marine sediments from the Strait of Sicily (western Mediterranean Sea): evidence of phosphogypsum waste contamination*. Marine Pollution Bulletin, 62 pp. 182-191 (2011).
 13. Incarbona A., Bonomo S., Di Stefano E., Zgozi S., Essarbout N., Talha M., Tranchida G., Bonanno A., Patti B., **Placenti** F., Buscaino G., Cuttitta A., Basilone G., Bahri T., Massa F., Censi P., Mazzola S. *Calcareous nannofossil surface sediment assemblages from the Sicily Channel (central Mediterranean Sea): palaeoceanographic implications*. Marine Micropaleontology, Vol 67, pp. 297-309 (2008).
 14. P. Censi, M. Sprovieri, F. Saiano, S. Di Geronimo, D. La Rocca, F. **Placenti**. *The behaviour of REEs in the Thailand’s Mae klong estuary: Suggestions from the Y/Ho ratios and lanthanide tetrad effect*. Estuarine, Coastal and Shelf Science 71 (2007) 569 – 579
 15. P. Censi, P. Zuddas, D. La Rocca, F. Saiano, F. **Placenti**, A. Bonanno. *Recognition of water masses according to geochemical signatures in the Central Mediterranean sea: Y/Ho ratio and rare earth element behaviour*. Chemistry and Ecology Vol. 23, No. 2, April 2007, 139 – 155

Moreover, since 2000

has writted technical reports, abstract and book chapters and participated in dozens of seminars and workshops.