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| Qualifications and Affiliations | | | |
| <p>WORK EXPERIENCE</p> <p>From 19/09/2019 - present Head of the Institute of Marine Science (ISMAR CNR) Rome Branch Institute of Marine Science (CNR ISMAR, see www.ismar.cnr.it), National Research Council of Italy, and researcher in the same institute</p> <p>From 15/05/2000 to 18/09/2019 Researcher, Institute of Atmospheric Sciences (ISAC CNR - www.isac.cnr.it), National Research Council of Italy</p> <p>From 01/09/1999 to 22/04/2000 Post-doctoral research associate at ISAC CNR</p> <p>From 01/09/1998 to 30/06/1999 Post-doctoral research associate, Marine Earth and Atmospheric Science Dept., North Carolina State University (MEAS-NCSU), Raleigh, NC, USA</p> <p>From 02/07/1990 to 15/3/1992 Research fellow, Institute of Atmospheric Science (IFA-CNR, now ISAC-CNR)</p> <p>From 01/01/1989 to 31/8/1990 Research fellow, Cooperativa ARPA and Dip. di Fisica dell'Università di Roma "La Sapienza" (Physics Dept., Rome University "La Sapienza")</p> <p>EDUCATION AND TRAINING</p> <p>From 01/09/92 to 31/08/99 Ph.D. in Physical Oceanography Marine Earth and Atmospheric Science Dept., North Carolina State University (MEAS-NCSU), USA</p> <p>From 01/10/80 to 25/06/87 B.S. in Physics (Laurea in Fisica) Dip. di Fisica dell'Università di Roma "La Sapienza", Italy (Physics Dept., Rome University "La Sapienza")</p> | | | |
| Relevant Experience | | | |
| <ul style="list-style-type: none"> • Research in physical oceanography using models, remote sensing and in situ data • Participation to multi-purpose oceanographic cruises (1984 - 2024), with expertise in: Sampling station planning (also using satellite marine data for station planning) CTD data acquisition, quality control and processing Radiometric atmospheric and marine surface data acquisition and processing • Organization and participation to multi-purpose oceanographic cruises as chief scientist | | | |
| Selected Publications | | | |
| <p>Bignami F., E. Salusti, S.Schiarini, Observations on a bottom vein of dense water in the Southern Adriatic and Ionian Seas, Journal of Geophysical Research, 95, C5, 7249-7259, 1990.</p> <p>Bignami F., S. Marullo, R. Santoleri, M. E. Schiano, Longwave radiation budget in the Mediterranean Sea, Journal of Geophysical Research, 100, C2, 2501-2514, 1995.</p> <p>Bignami F., T.S. Hopkins, The water mass characteristics of the Northeast Water Polynya: Polar Sea data 1992-1993, Journal of Marine Systems, 10, 139-156, 1997.</p> <p>Bignami F. and T. S. Hopkins, Salt and heat trends in the shelf waters of the southern Middle-Atlantic Bight, Continental Shelf Research, 23, 647-667, 2003.</p> | | | |

Bignami, F., R. Sciarra, S. Carniel, and R. Santoleri (2007), Variability of Adriatic Sea coastal turbid waters from SeaWiFS imagery, *J. Geophys. Res.*, 112, C03S10, doi:10.1029/2006JC003518.

Bignami, F., E. Böhm, E. D'Acunzo, R. D'Archino and E. Salusti (2008), On the dynamics of surface cold filaments in the Mediterranean Sea, *J. Mar. Sys.*, 74 1-2, 429-442. doi:10.1016/j.jmarsys.2008.03.002

Pizzi, C., F. Bignami Influence of Physical Processes on the Spring Bloom in the MEDOC Area (Northwestern Mediterranean Sea), in *Marine research at CNR*, E. Brugnoli, G. Cavarretta, S. Mazzola, F. Trincardi, M. Ravaioli, R. Santoleri, Editors, ISSN: 2239-5172, 2011 (available at <http://www.dta.cnr.it/content/blogcategory/45/304/lang,it/>).

Palatella, L., F. Bignami, F. Falcini, G. Lacorata, A. S. Lanotte, and R. Santoleri (2014). Lagrangian simulations and interannual variability of anchovy egg and larva dispersal in the in the Sicily Channel, *J. Geophys. Res. Oceans*, 119, 1306–1323, doi:10.1002/2013JC009384.

Pisano, A., F. Bignami and R., Santoleri (2015). Oil Spill Detection in Glint-Contaminated Near-Infrared MODIS Imagery. *Remote Sens.*, 7, 1112-1134. doi:10.3390/rs70101112.