

PERSONAL INFORMATION

Viviana Piermattei



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Sex Female | Date of birth 12/09/1977 | Nationality Italian

STUDIES APPLIED FOR

Biological Oceanography - Marine Ecology – Technological Development

WORK EXPERIENCE

from 2010 – ongoing

Technician: marine ecology and oceanography fields

Laboratory of Experimental Oceanology and Marine Ecology – University of Tuscia (DEB)

- Experience with oceanographic sensors, instrumentation and platforms development.
- Experience with oceanographic buoys: coordination of the design and installation of oceanographic buoys and coastal measuring stations. of instrumental payload preparation, programming, data management and transmission.
- Coordination and experience with environmental assessment studies.
- Collaboration and support with international and national projects.
- Experience with marine monitoring techniques and laboratory analyses.
- Experience with X-BAND radar: feasibility study at Gaeta coast; installation of a REMOCEAN radar system.
- Participation to research project and experiments:
 - 2020/ongoing ADRIACLIM (Climate change information, monitoring and management tools for adaptation strategies in Adriatic coastal areas) INTERREG ITALY-CROATIA (Strategic Projects): responsabile per il CMCC dell'integrazione strumentale di una stazione fissa di misura a basso costo.
 - 2020/ongoing STREAM (Strategic development of flood management) INTERREG ITALY-CROATIA (Strategic Projects): responsabile per il CMCC per l'implementazione di un sistema osservativo costiero per lo studio dei processi meteomarinari costieri.
 - 2020/ongoing CASCADE (CoAstal and marine waters integrated monitoring systems for ecosystems protection and management) INTERREG ITALY-CROATIA (Strategic Projects): responsabile per il CMCC dell'integrazione strumentale di una stazione fissa di misura a basso costo.

- 2018/ongoing Sea Forest Life – Posidonia meadows as carbon sinks of the Mediterranean LIFE17 CCM/IT/000121: collabora nello studio e il calcolo dei servizi ecosistemici forniti dalla Posidonia oceanica.
- 2018/2021 SAGACE Project (Sistema Avanzato di Monitoraggio Ambientale) INNONETWORK: responsabile per il CMCC dello sviluppo, installazione test di stazioni cost-effective di monitoraggio fisso.
- 2017/ongoing Scripps Institution of Oceanography (SIO): design and test of a new Low-Cost Conductivity Sensor for Surface Drifter.
- 2017/2021 PNRA (Italian National Antarctic Research programme) Project 'Correlation between aerosols of biological origin and primary productivity in the Ross Sea – BioAPRoS, PNRA16_00065 – A1.
- PNRA (Italian National Antarctic Research programme) Project 'Development of new technologies for the measurement of biomass and primary production estimation in polar regions', 2010/A1.04. Involved in the development and testing of sensors for the measurement of the marine phytoplankton biomass in polar environments.
- MEDESS-4MS (Mediterranean Decision Support System for Marine Safety) testing campaign, also called Serious Games-(SG).
- GAC LAZIO NORD (FEP 2007/2013 ASSE IV) 'Experimentation of a management plan for the optimization of trawling in the Civitavecchia compartment'
- MARINET (Marine Renewables Infrastructure Network for Emerging Energy Technologies) FP7-Infrastructures (2011-2015): support on environmental monitoring techniques and equipment related to the installation and operation of Marine Energy Conversion Systems.
- Installation of an X-Band Radar for marine currents and waves measurement in the context of Environmental Impact Assessment (EIA) of the port of Gaeta.
- Development and realization of an innovative monitoring system along the Latium coasts, under the coordination of Port Authority of Latium.
- Analysis and restitution of informations and remotely sensed oceanographic data in coastal waters facing the seas of Santa Marinella, Civitavecchia and Tarquinia.
- Organization and completion of in situ surveys and data processing in SA.PE.I cable project.

from 2004 – 2010

Scholarship

Laboratory of Experimental Oceanology and Marine Ecology – University of Tuscia (DEB)

- Experience with oceanographic sensors, instrumentation and platforms development.
- Experience with environmental assessment studies.
- Experience with marine monitoring techniques and laboratory analyses.
- Technical and scientific support to the study of sediment contamination in the Port of Civitavecchia.
- Technical and scientific support to the study of bathymetry and currents in the area of the new port of Fiumicino.
- Participation to research projects and experiments:
 - 2007-2010 Project ADRICOSM-STAR (ADRICOSM integrated river basin and coastal zone management system: Montenegro coastal area and Bojana river catchment), founded by Ministero dell'Ambiente e della Tutela del Territorio e del Mare. <http://gnoo.bo.ingv.it/adricosm-star/>. Coordination of Deliverable S 2.8.1: development and upgrading of a new expendable probe, TFLAP (Temperature Fluorescence-Launchable Probe), for the measurement of temperature and chlorophyll a fluorescence; development of this innovative probe is part of the program VOS (Voluntary Observing Ship).
 - 2003-2006 Project MFSTEP (Mediterranean Forecasting System Toward Environmental Predictions). Collaboration in WP1.5 - Task 1200, SubTask 1230 (SAVE), involved in the development of an instrumented vehicle towed by high-speed vessel (Sliding Advanced Vehicle), for the rapid characterization of marine pelagic ecosystems.

EDUCATION AND TRAINING

2017

PhD in Ecology and Sustainable Management of Environmental Resources

University of Tuscia (VT)

'Implementation and application of new technologies for marine environmental research';

Tutor Prof. Marco Marcelli

2013

Master Degree in Marine Environmental Sciences

University of Tuscia (VT), 110/110 cum laude

'Sviluppo ed applicazione di strumentazione low-cost per lo studio della biomassa fitoplanctonica'

Relatore Prof. Marco Marcelli

2005

Degree in Environmental Sciences (add. Marine)

University of Tuscia (VT), 108/110

'Uso del veicolo filotrainato Sarago per l'analisi di fenomeni oceanografici ad elevata variabilità nel Mar Adriatico'

Relatore Prof. Marco Marcelli

PERSONAL SKILLS

Mother tongue(s) italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Independent user	Independent user	Independent user

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Computer skills

- operating systems:
 - proficient with Windows 98, ME, XP and seven; Mac Lion;
 - competent with Unix and DOS;
- software:
 - good knowledge of utility programs: MS Office, Mac Lion, DOS, PhotoDraw, OpenOffice, MicrografX, Corel Draw, Corel Designer, Gimp;
- scientific software:
 - good knowledge of data-processing programs: Matlab; geostatistical techniques data processing programs GS+, MathCad, Surfer; oceanographic data processing and representation programs: ODV, Didger, Grapher; remote sensing data processing and representation programs: Envi; good knowledge of the most common tools that allow to communicate to the instruments (e.g.: Teraterm, hyperterminal) , of the SSH/telnet client (e.g.: Filezilla) and of the proprietary software for the management of the instruments/data (e.g.: Sontek, SeaBird, Idronaut, Kongsberg, Loggernet).

Other skills Advanced Scuba Diver – NADD Europe

Driving licence B

ADDITIONAL EXPERIENCES

Oceanographic cruises

- MEDESS4MS exp, Serious Game; in collaboration with the Italian Coast Guard, CP567, 16-25 May 2014.
- IOSMOS 2, July 2013.
- IOSMOS 1, April 2013;
- Clam-Phym, R/V Dallaporta, August 2011.
- ADR02_08, R/V Urania, Adriatic Sea - Montenegro, October 2008.
- Between 2007 and 2011, participation in ICRAM monitoring activities for the characterization of the water column in three sites involved by the project SA.PE.I (Punta Tramontana, Fiume Santo, Nettuno), concerning the laying of submarine cables connecting Sardinia to the Italian mainland.
- MEDBIO06 - MEDGOOS 13, R/V Urania, Central and West Mediterranean Sea, 28th September – 8th November 2006.
- MEDGOOS 11 - TRANSMED, R/V Urania, Tyrrhenian Sea, November 2005 – December 2005.
- SAMCA MedBio, R/V Urania, Mediterranean Sea, December 2004.
- MedGOOS 9, R/V Urania, Mediterranean Sea, December 2004.
- MedGOOS 8, R/V Urania, Mediterranean Sea, May 2004.
- MedGOOS 6, R/V Urania, Mediterranean Sea, March – April 2003.
- MEDGOOS 5, R/V Urania, Mediterranean Sea, November 2002.
- MEDGOOS 4, R/V Urania, Mediterranean Sea, May 2002.

Publications

- Scanu, S., Piazzolla, D., Bonamano, S., Penna, M., Piermattei, V., Madonia, A., ... & Marcelli, M. (2022). Economic Evaluation of Posidonia oceanica Ecosystem Services along the Italian Coast. *Sustainability*, 14(1), 489.
- MARCELLI, M., PIERMATTEI, V., GERIN, R., BRUNETTI, F., PIETROSEMOLI, E., ADDO, S., ... & CRISE, A. (2021). Toward the widespread application of low-cost technologies in coastal ocean observing (Internet of Things for the Ocean). *Mediterranean Marine Science*, 22(2), 255-269.
- BONAMANO, S., PIAZZOLLA, D., SCANU, S., PIERMATTEI, V., & MARCELLI, M. (2021). Trace-metal distribution and ecological risk assessment in sediments of a sheltered coastal area (Gulf of Gaeta, central-eastern Tyrrhenian Sea, Italy) in relation to hydrodynamic conditions. *Mediterranean Marine Science*, 22(2), 372-384.
- Bonamano, S., Piazzolla, D., Scanu, S., Mancini, E., Madonia, A., Piermattei, V., & Marcelli, M. (2021). Modelling approach for the evaluation of burial and erosion processes on Posidonia oceanica meadows. *Estuarine, Coastal and Shelf Science*, 254, 107321.
- Martellucci, R., Salon, S., Cossarini, G., Piermattei, V., & Marcelli, M. (2021). Coastal phytoplankton bloom dynamics in the Tyrrhenian Sea: Advantage of integrating in situ observations, large-scale analysis and forecast systems. *Journal of Marine Systems*, 218, 103528.
- Piazzolla, D., Cafaro, V., de Lucia, G. A., Mancini, E., Scanu, S., Bonamano, S., Piermattei, V., & Marcelli, M. (2020). Microlitter pollution in coastal sediments of the northern Tyrrhenian Sea, Italy: microplastics and fly-ash occurrence and distribution. *Estuarine, Coastal and Shelf Science*, 241, 106819.
- Caruso, G., Madonia, A., Bonamano, S., Miseroocchi, S., Giglio, F., Maimone, G., Piermattei, V., ... & Azzaro, M. (2020). Microbial Abundance and Enzyme Activity Patterns: Response to Changing Environmental Characteristics along a Transect in Kongsfjorden (Svalbard Islands). *Journal of Marine Science and Engineering*, 8(10), 824.
- Pasculli, L., Piermattei, V., Madonia, A., Bruzzone, G., Caccia, M., Ferretti, Odetti, A., & Marcelli, M. (2020). New Cost-Effective Technologies Applied to the Study of the Glacier Melting Influence on Physical and Biological Processes in Kongsfjorden Area (Svalbard). *Journal of Marine Science and Engineering*, 8(8), 593.
- Madonia, A., Caruso, G., Piazzolla, D., Bonamano, S., Piermattei, V., Zappalà, G., & Marcelli, M. (2020). Chromophoric Dissolved Organic Matter as a Tracer of Fecal Contamination for Bathing Water Quality Monitoring in the Northern Tyrrhenian Sea (Latium, Italy). *Journal of Marine Science and Engineering*, 8(6), 430.
- Bonamano, S., Madonia, A., Piermattei, V., Stefani, C., Lazzara, L., Nardello, I., Decembrini, F. & Marcelli, M. (2020). Phyto-VFP: a new bio-optical model of pelagic primary production based on variable fluorescence measures. *Journal of Marine Systems*, 204, 103304.
- Piazzolla, D., Cafaro, V., de Lucia, G. A., Mancini, E., Scanu, S., Bonamano, S., Piermattei, V., Vianello, E., Della Ventura, G., & Marcelli, M. (2020). Microlitter pollution in coastal sediments of the northern Tyrrhenian Sea, Italy: microplastics and fly-ash occurrence and distribution. *Estuarine, Coastal and Shelf Science*, 106819.
- Caruso, G., Madonia, A., Bonamano, S., Miseroocchi, S., Giglio, F., Maimone, G., Azzaro, F., Decembrini, F., La Feria, R., Piermattei, V. & Piazzolla, D., Marcelli, M., Azzaro, M. (2020). Microbial Abundance and Enzyme Activity Patterns: Response to Changing Environmental Characteristics along a Transect in Kongsfjorden (Svalbard Islands). *Journal of Marine Science and Engineering*, 8(10), 824.
- Gnisci, V., de Martiis, S. C., Belmonte, A., Micheli, C., Piermattei, V., Bonamano, S., & Marcelli, M. (2020). Assessment of the ecological structure of Posidonia oceanica (L.) Delile on the northern coast of Lazio, Italy (central Tyrrhenian, Mediterranean). *Italian Botanist*.
- Borfecchia F, Consalvi N, Micheli C, Carli FM, Cognetti De Martiis S, Gnisci V, Piermattei V, Belmonte A, De Cecco L, Bonamano S, Marcelli M (2019). Landsat 8 OLI satellite data for mapping of the Posidonia oceanica and benthic habitats of coastal ecosystems. *INTERNATIONAL JOURNAL OF REMOTE SENSING*, ISSN: 0143-1161, doi: 10.1080/01431161.2018.1528020.
- ZAPPALÀ, G., Caruso, G., Piermattei, V., Madonia, A., Bonamano, S., Petri, A., & Marcelli, M. (2019). DEVICES FOR ENVIRONMENTAL OBSERVATIONS. *WIT Transactions on Engineering Sciences*, 125, 61-71.
- Piermattei V., Madonia A., Bonamano S., Martellucci R., Bruzzone G., Ferretti R., Odetti A., Azzaro M., Zappalà G., Marcelli M. (2018) Cost-Effective Technologies to Study the Arctic Ocean Environment, *Sensors*, 2018, 18(7), 2257, DOI: <https://doi.org/10.3390/s18072257>.
- Martellucci, R., Pierattini, A., De Mendoza, F. P., Melchiorri, C., Piermattei, V., & Marcelli, M. (2018). Physical and Biological Water Column Observations during Summer Sea/Land Breeze Winds in the Coastal Northern Tyrrhenian Sea. *Water*, 10(11), 1673.
- Cafaro, V., Piazzolla, D., Melchiorri, C., Burgio, C., Fersini, G., Conversano, F., Piermattei V. & Marcelli, M. (2018). Underwater noise assessment outside harbor areas: The case of Port of Civitavecchia, northern Tyrrhenian Sea, Italy. *Marine Pollution Bulletin*, 133, 865-871.

- Lacava, T., Ciancia, E., Di Polito, C., Madonia, A., Pascucci, S., Pergola, N., ... & Tramutoli, V. (2018). Evaluation of MODIS—Aqua Chlorophyll-a Algorithms in the Basilicata Ionian Coastal Waters. *Remote Sensing*, 10(7), 987.
- Paladini de Mendoza, F., Bonamano, S., Martellucci, R., Melchiorri, C., Consalvi, N., Piermattei, V., & Marcelli, M. (2018). Circulation during Storms and Dynamics of Suspended Matter in a Sheltered Coastal Area. *Remote Sensing*, 10(4), 602.
- Bonamano S, Piazzolla D, Madonia A, Paladini de Mendoza F, Piermattei V, Scanu S, Marcelli M, Zappalà G (2018). Water renewal time and trace metal concentration in Civitavecchia port (Rome), Italy. *INTERNATIONAL JOURNAL OF ENVIRONMENTAL IMPACTS*, ISSN: 2398-2640
- Bonamano, S., Madonia, A., Piazzolla, D., Paladini de Mendoza, F., Piermattei, V., Scanu, S., & Marcelli, M. (2017). Development of a Predictive Tool to Support Environmentally Sustainable Management in Port Basins. *Water*, 9(11), 898.
- Micheli, C., Belmonte, A., Pignatelli, V., De Cecco, L., Piermattei, V., Marcelli, M., & Borfecchia, F. Evaluation of cyanobacteria bioenergy: a potential resource in Antarctica detected by Multi/Hyper-spectral satellite Image, *International Journal of Renewable Energy Technology Research* Vol. 5, No. 3, June 2016, pp. 1-11, ISSN: 2325 - 3924 (Online at <http://ijretr.org>).
- Fiori E., Servadei I., Piermattei V., Bonamano S., Madonia A., Guerrini F., Marcelli M., Pistocchi R. (2016). A new approach to assess the effects of oil spills on phytoplankton community during the “Serious Game” experiment (MEDESS-4MS Project). *DEEP SEA RESEARCH PART II: TOPICAL STUDIES IN OCEANOGRAPHY*. doi:10.1016/j.dsr2.2016.05.026
- Marcelli M, Piermattei V, Madonia A, Lacava T, Mainardi U (2016). T-FLaP advances: instrumental and operative implementation. *JOURNAL OF OPERATIONAL OCEANOGRAPHY*, 9(sup1), pp:185-192. DOI: 10.1080/1755876X.2015.1117765
- Zappalà G, Caruso G, Bonamano S, Madonia A, Piermattei V, Martellucci R, Di Cicco A, Pannocchi A, Stefani C, Borsellino C, Marcelli M (2016). A multi-platform approach to marine environment assessment in Civitavecchia (Rome) area. *JOURNAL OF OPERATIONAL OCEANOGRAPHY*, 9(sup1), pp: 131-143. DOI: 10.1080/1755876X.2015.1119561
- Bonamano S., Piermattei V., Madonia A., Paladini de Mendoza F., Pierattini A., Martellucci R., Stefani C., Zappalà G., and M. Marcelli. (2016). The Civitavecchia Coastal Environment Monitoring System (C-CEMS): a new tool to analyse the conflicts between coastal pressures and sensitivity areas. *OCEAN SCIENCE*, PP. 87-100, ISSN: 1812-0784.
- Bonamano S, Madonia A, Borsellino C, Stefani C, Caruso G, De Pasquale F, Piermattei V, Zappalà G, Marcelli M (2015). Modeling the dispersion of viable and total *Escherichia coli* cells in the artificial semi-enclosed bathing area of Santa Marinella (Latium, Italy). *MARINE POLLUTION BULLETIN*, 2015 Jun 15;95(1):141-154. ISSN: 0025-326X, doi: 10.1016/j.marpolbul.2015.04.030.
- Scanu S, Carli FM, Peviani MA, Piermattei V, Bonamano S, Paladini de Mendoza F, Dampney K, Norris J, Marcelli M (2015). Environmental Monitoring Techniques and Equipment related to the installation and operation of Marine Energy Conversion Systems. In “OCEAN ENERGY: ONGOING RESEARCH IN ITALY”- *ENERGIA AMBIENTE E INNOVAZIONE*; ENEA DOI: 10.12910/EAI2015-041; pp: 04-15.
- Bonamano S, Paladini de Mendoza F, Piermattei V, Martellucci R, Madonia A, Gnisci V, Mancini E, Fersini G, Burgio C, Marcelli M, Zappalà G (2015). Mathematical models supporting the monitoring of Civitavecchia harbour near Rome, *COMPUTATIONAL METHODS AND EXPERIMENTAL MEASUREMENTS XVII*, 59, pp: 443-453.
- Marcelli M, Piermattei V, Madonia A, Mainardi U (2014). Design and Application of New Low-Cost Instruments for Marine Environmental Research. *SENSORS*, 14, 23348-23364; doi:10.3390/s141223348.
- Zappalà G, Piermattei V, Madonia A, Martellucci R, Bonamano S, Pierattini A, Burgio C, Marcelli M (2014). Assessment of environmental conditions in Civitavecchia (Rome, Italy) harbour. In: *WATER POLLUTION XII, TRANSACTION: ECOLOGY AND THE ENVIRONMENT* volume 182, Online ISSN: 1743-3541, ISBN: 978-1-84564-776-6, Edited By: C.A. Brebbia. Paper DOI: 10.2495/WP140241 4.
- Rosa Maria Cavalli, Mattia Betti, Alessandra Campanelli, Annalisa Di Cicco, Daniela Guglietta, Pierluigi Penna and Viviana Piermattei (2014). A Methodology to Assess the Accuracy with which Remote Data Characterize a Specific Surface, as a Function of Full Width at Half Maximum (FWHM): Application to Three Italian Coastal Waters *Sensors*, 14, 1155-1183; doi:10.3390/s140101155.

- Borfecchia F, Micheli C, Carli FM, Cognetti De Martis S, Gnisci V, Piermattei V, Belmonte A, De Cecco L, Martini S, Marcelli M (2013). Mapping Spatial Patterns of *Posidonia oceanica* Meadows by Means of Daedalus ATM Airborne Sensor in the Coastal Area of Civitavecchia (Central Tyrrhenian Sea, Italy). In: REMOTE SENSING. 2013, 5, pp: 4877-4899; doi:10.3390/rs5104877.
- Zappalà G, Caruso G, Piermattei V, Bonamano S, Madonia A, Di Cicco A, Martellucci R, Marcelli M (2013). Integrated marine measurements in Civitavecchia, near Rome. In: COMPUTATIONAL METHODS AND EXPERIMENTAL MEASUREMENTS XVI Edited By: G. M. CARLOMAGNO, University of Naples "Federico II", Italy; C. A. BREBBIA, Wessex Institute of Technology, UK and S. HERNÁNDEZ, University of A Coruña, Spain
- Marcelli M, Pannocchi A, Piermattei V, Mainardi U (2012). "New technological developments for oceanographic observations". In: OCEANOGRAPHY. pp. 41-78, edited by Marco Marcelli, RIJEKA:InTech Web Org, ISBN: 978-953-51-0301-1
- Marcelli M, Piermattei V, Zappalà G (2011). "Advances in low cost marine technologies". In: COMPUTATIONAL METHODS AND EXPERIMENTAL MEASUREMENTS XV. Edited By: G.M Carlomagno, University of Naples di Napoli, ITALY and C.A Brebbia, Wessex Institute of Technology, UK. pp: 497-507 - ISBN: 978-1-84564-540-3 - ISSN: 1746-4064 (print) - ISSN: 1743-355X (on-line)
- Zappalà G, Marcelli M, Piermattei V (2008). "Development of a sliding device for extended measurements in coastal waters" in: D. Prats Rico, C.A. Brebbia, Y. Villacampa Esteve (eds.) WIT TRANSACTIONS ON ECOLOGY AND THE ENVIRONMENT, Vol 111, pp: 187-196, WIT Press, Southampton (UK), 2008.
- Zappalà G, Marcelli M, Piermattei V (2008). "Development of a sliding device for extended measurements in coastal waters" in: D. Prats Rico, C.A. Brebbia, Y. Villacampa Esteve (eds.) WIT TRANSACTIONS ON ECOLOGY AND THE ENVIRONMENT, Vol 111, pp: 187-196, WIT Press, Southampton (UK), 2008.
- Marcelli, M., Di Maio, A., Piermattei, V., Zappalà, G., & Manzella, G. (2006). Development of new technologies for the high variability phenomena data acquisition in the MFSTEP–VOS project. In European Operational Oceanography: Present and Future, Proc. of the Fourth International Conference on EuroGOOS (pp. 184-187)
- Piermattei, V., Bortoluzzi, G., Cozzi, S., Di Maio, A., & Marcelli, M. (2006). Analysis of mesoscale productivity processes in the Adriatic Sea: Comparison between data acquired by Sarago, a towed undulating vehicle, and CTD casts. *Chemistry and Ecology*, 22(sup1), S275-S292.
- De Domenico E, Monticelli LS, Bracchini L, Budillon G, Caroppo C, Caruso G, Danovaro R, Dattilo A, De Alteris A, Decembrini F, De Domenico M, De Luca M, Denaro R, La Cono V, Gentile G, Giuliano L, Guadagno D, Leonardi M, Magagnini M, Maimone G, Marcelli M, Piermattei V, Pruzzo C, Ranzoni L, Rossi L, Scarfi S, Smedile F, Tognazzi A, Yakimov MM (2006). Biodiversità microbica in Mar Mediterraneo centro-orientale. Microbial biodiversity in the central-eastern mediterranean sea. *BIOL. MAR. MEDIT.* 13(1) pp: 959-963.
- Marcelli, M., Caburazzi, M., Perilli, A., Piermattei, V., & Fresi, E. (2005). Deep chlorophyll maximum distribution in the central Tyrrhenian Sea described by a towed undulating vehicle. *Chemistry and Ecology*, 21(5), 351-367.

Proceedings

- V. Piermattei, A. Madonia, S. Bonamano, R. Martellucci, G. Bruzzone, R. Ferretti, A. Odetti, M. Azzaro, G. Zappalà and M. Marcelli (2017). Application of a low cost instrumentation in Arctic extreme conditions. In 4th International Electronic Conference on Sensors and Applications. Multidisciplinary Digital Publishing Institute.
- Lacava T, Bernini G, Ciancia E, Coviello I, Di Polito C, Liuzzi G, Madonia A, Marcelli M, Masiello G, Pascucci S, Paciello R, Palombo A, Pergola N, Piermattei V, Pignatti S, Venafra S, Santini F, Satriano V, Serio C, Sileo G, Tournaviti P, Tramutoli V, Vallianatos F (2014). Integration of satellite data and in-situ measurements for coastal water quality monitoring: preliminary results of the first IOSMOS (ionian sea water quality monitoring by satellite data) campaigns. In: The EUMETSAT Conference. Geneva, Switzerland, 22-26, September, doi: DOI:10.13140/2.1.4039.2487.
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- Scanu S, Piermattei V, Bonamano S, Madonia A and M. Marcelli (2013). Provision of preparatory guidelines for the proper siting of mariculture fishfarms along the Italian coasts. 40th CIESM CONGRESS. Marseille, 28 Oct - 1 Nov 2013, ISSN0373434X, pp893
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- Marcelli M, Zappalà G, Piermattei V, (2013). Coastal monitoring: new experiences in central Tyrrhenian Sea. Pg 9-14. Proceedings of the Sixth International Conference on EuroGOOS 4–6 October 2011, Sopot, Poland.
- Martellucci R, Bonamano S, Piermattei V, Marcelli M (2013). "An integrated approach to the study of high temporal variability coastal phenomena: Temporal variability of local diurnal upwelling driven by sea breeze along Civitavecchia coast". pg 226-231. Proceedings of the Sixth International Conference on EuroGOOS 4–6 October 2011, Sopot, Poland.
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Teaching experiences

- a.a. 2021/2022 Contract Professor in Marine Biological Monitoring Master Degree in Marine Biology and Ecology (LM-6), University of Tuscia (DEB)
- a.a. 2017/2018 Contract Professor in Marine Biology Master Degree in Marine Biology and Ecology (LM-6), University of Tuscia (DEB)
- a.a. 2018/2019 Contract Professor in Marine Biology Master Degree in Marine Biology and Ecology (LM-6), University of Tuscia (DEB)
- 2016. Teacher in the Training Course for the Coastal Guard Operators in 'Seawater and marine sediments sampling techniques'
- 2015. Teacher in the Training Course for the Coastal Guard Operators in 'Seawater and marine sediments sampling techniques'
- 2014. Teacher in the Training Course for the Coastal Guard Operators in 'Seawater and marine sediments sampling techniques'
- 2013. Teacher in the Training Course for the Coastal Guard Operators in 'Seawater and marine sediments sampling techniques'
- 2006. Assignment for teaching activities within the project / course TAS, Measure C3, serial number GR20050621. Topic: Marine waters management (14 hours)

Roma, 03.02.2022

