

## CONTACT INFORMATION

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## EXPERIENCE

### Lecce, Italy

February 2020 - Present

#### Deputy Director of OPA Division

OPA – Ocean Predictions and Applications Division

Euro-Mediterranean Center on Climate Change (CMCC) Foundation

### Lecce, Italy

April 2012 - Present

#### Service and Operations Responsible

OPA – Ocean Predictions and Applications Division

Euro-Mediterranean Center on Climate Change (CMCC) Foundation

- Development of services for operational products uptake from different communities, from coast guards to private companies
- Service Manager of the CMEMS Mediterranean and Black Sea Monitoring and Forecasting Centers
- Responsible of the Local Service Desk of CMEMS Mediterranean Monitoring and Forecasting Center
- Responsible of Global Ocean Forecasting System (GOFS), Black Sea Forecasting System (BSFS), Med Sea Forecasting System (MFS) and Southern Adriatic Northern Ionian coastal Forecasting System (SANIFS)
- Scientific Responsible of EMOD-PACE, Blue Cloud and EMODnet MedSea Checkpoint project.
- Project Manager of EUCISE2020, AMAre, ETC/ICM, DeFishGear and Che Mare Fara projects.
- Collection of in-situ marine data in the Gulf of Taranto in the framework of MREA14 and MREA16 projects and in the Ligurian Sea in the framework of MREA17 and MREA18 projects

### Montevideo, Uruguay

February 2010 - April 2010

#### Research intern

Universidad de la Republica

- Analysis of the Atlantic Thermohaline Circulation under extreme radiative forcing

### Bologna, Italy

January 2007 - December 2007

#### Research intern

ANS – Numerical Applications and Scenarios Division

Euro-Mediterranean Center on Climate Change (CMCC) Foundation

- Numerical applications Analysis of climate simulations of the ice coupled model

### Malta

April 2014 - Present

#### Lecturer

University of Malta

- Lecture in "Applications and Services in Operational Oceanography", Master of Science in Applied Oceanography

## EDUCATION

### Venice, Italy

2012

#### PhD in Science and Management of Climate Change

Ca' Foscari University

Thesis: The Atlantic Thermohaline Circulation in extreme climates

### Bologna, Italy

2006

#### MSc in Marine Environmental Science and Oceanography

Alma Mater Studiorum, University of Bologna

Bologna, Italy  
2003

**BSc in Environmental Science**  
Alma Mater Studiorum, University of Bologna

Thesis: Geochemical characters of surface sediments of prodelta area of Po river

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## LANGUAGES

English  
Advanced

## SKILLS

Teamwork  
Organisational skills  
Computer skills

Leadership  
Communication skills

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## PUBLICATIONS

- Model-based reconstruction of the Ulysse-Virginia oil spill, October-November 2018, S. Liubartseva, M. Smaoui, G. Coppini, G. Gonzalez, R. Lecci, S. Creti, I. Federico (2020), *Marine Pollution Bulletin*, Elsevier, 154, doi: 10.1016/j.marpolbul.2020.111002
- Are Mediterranean Marine Protected Areas sheltered from plastic pollution?, S. Liubartseva, G. Coppini, R. Lecci (2019), *Marine Pollution Bulletin*, Elsevier, 140: 579-587, doi: 10.1016/j.marpolbul.2019.01.022
- Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea, Tintore, J., Pinardi, N., Álvarez-Fanjul, E., Aguiar, E., ÁlvarezBerastegui, D., Bajo, M., Balbin, R., Bozzano, R., Nardelli, B.B., Cardin, V., Casas, B., Charcos-Llorens, M., Chiggiato, J., Clementi, E., Coppini, G., Coppola, L., Cossarini, G., Deidun, A., Deudero, S., DOrtenzio, F., Drago, A., Drudi, M., El Serafy, G., Escudier, R., Farcy, P., Federico, I., Fernández, J.G., Ferrarin, C., Fossi, C., Frangoulis, C., Galgani, F., Gana, S., García Lafuente, J., Sotillo, M.G., Garreau, P., Gertman, I., GómezPujol, L., Grandi, A., Hayes, D., Hernández-Lasheras, J., Herut, B., Heslop, E., Hilmi, K., Juza, M., Kallos, G., Korres, G., Lecci, R., Lazzari, P., Lorente, P., Liubartseva, S., Louanchi, F., Malacic, V., Mannarini, G., March, D., Marullo, S., Mauri, E., Meszaros, L., Mourre, B., Mortier, L., Muñoz-Mas, C., Novellino, A., Obaton, D., Orfila, A., Pascual, A., Pensieri, S., Pérez Gómez, B., Pérez Rubio, S., Perivoliotis, L., Petihakis, G., de la Villéon, L.P., Pistoia, J., Poulain, P.-M., Pouliquen, S., Prieto, L., Raimbault, P., Reglero, P., Reyes, E., Rotllan, P., Ruiz, S., Ruiz, J., Ruiz, I., Ruiz-Orejón, L.F., Salihoglu, B., Salon, S., Sammartino, S., Sánchez Arcilla, A., Sánchez-Román, A., Sannino, G., Santoleri, R., Sardá, R., Schroeder, K., Simoncelli, S., Sofianos, S., Sylaios, G., Tanhua, T., Teruzzi, A., Testor, P., Tezcan, D., Torner, M., Trotta, F., Umgieser, G., von Schuckmann, K., Verri, G., Vilibic, I., Yucel, M., Zavatarelli, M., and Zodiatis, G. (2019) *Front. Mar. Sci.*, 6, 568, <https://doi.org/10.3389/fmars.2019.00568>.
- Black Sea Observing System, Palazov A., Ciliberti S., Peneva E., Gregoire M., Staneva J., Lemieux-Dudon B., Masina S., Pinardi N., Vandenbulcke L., Behrens A., Lima L., Coppini G., Marinova V., Slabakova V., Lecci R., Creti S., Palermo F., Stefanizzi L., Valcheva N., Agostini P. (2019), *Frontiers in Marine Science*, 6, 315, doi: 10.3389/fmars.2019.00315
- Tracking plastics in the Mediterranean: 2D Lagrangian model, S. Liubartseva, G. Coppini, R. Lecci, E. Clementi (2018), *Marine Pollution Bulletin*, Elsevier, 129 (1): 151-162, doi: 10.1016/j.marpolbul.2018.02.019
- The Copernicus Marine Environmental Monitoring Service: Main Scientific Achievements and Future Prospects, P.Y. Le Traon, A. Ali, E. Alvarez Fanjul, L. Aouf, L. Axell, R. Aznar, M. Ballarotta, A. Behrens, M. Benkiran, A. Bentamy, L. Bertino, P. Bowyer, V. Brando, L. A. Breivik, B. Buongiorno Nardelli, S. Cailleau, S. A. Ciliberti, E. Clementi, S. Colella, N. Mc Connell, G. Coppini, G. Cossarini, T. Dabrowski, M. de Alfonso Alonso-Muñoyerro, E. ODea, C. Desportes, F. Dinussen, M. Drevillon, Y. Drillet, M. Drudi, R. Dussurget, Y. Faugère, V. Forneris, C. Fratianni, O. Le Galloudec, M. I. García-Hermosa, M. García Sotillo, P. Garnesson, G. Garric, I. Golbeck, J. Gouillon, M. L. Gregoire, S. Guinehut, E. Gutknecht, C. Harris, F. Hernandez, V. Huess, J. A. Johannessen, S. Kay, R. Killick, R. King, J. de Kloe, G. Korres, P. Lagemaar, R. Lecci, J.F. Legeais, J. M. Lellouche, B. Levier, P. Lorente, A. Mangin, M. Martin, A. Melet, J. Murawski, E. Özsoy, A. Palazov, S. Pardo, L. Parent, A. Pascual, A. Pascual, J. Paul, E. Peneva, C. Perruche, D. Peterson, L. Petit de la Villeon, N. Pinardi, S. Pouliquen, M. I. Pujol, R. Rainaud, P. Rampal, G. Reffray, C. Regnier, A. Reppucci, A. Ryan, S. Salon, A. Samuelson, R. Santoleri, A. Saulter, J. She, C. Solidoro, E. Stanev, J. Staneva, A. Stoffelen, A. Storto, P. Sykes, T. Szekely, G. Taburet, B. Taylor, J. Tintore, C. Toledano, M. Tonani, L. Tuomi, G. Volpe, H. Wedhe, T. Williams, L. Vandendbulcke, D. van Zanten, K. von Schuckmann, J. Xie, A. Zacharioudaki, H. Zuo. (2017), *Special Issue Mercator Océan Journal #56*. doi: 10.25575/56
- SeaConditions: a web and mobile service for safer professional and recreational activities in the Mediterranean Sea, G. Coppini, P. Marra, R. Lecci, N. Pinardi, S. Creti, M. Scalas, L. Tedesco, A. D'Anca, L. Fazioli, A. Olita, G. Turrisi, C. Palazzo, G. Aloisio, S. Fiore, A. Bonaduce, Y. Kumkar, S.A. Ciliberti, I. Federico, G. Mannarini, P. Agostini, R. Bonarelli, S. Martinelli, G. Verri, L. Lusito, D. Rollo, A. Cavallo, A. Tumolo, T. Monacizzo, M. Spagnulo, R. Sorgente, A. Cucco, G. Quattrocchi, M. Tonani, M. Drudi, L. Panzera, A. Navarra and G. Negro (2017) *Nat. Hazards Earth Syst. Sci.*, 17 (4) ,533-547, doi:10.5194/nhess-17-533-2017

- A multi-service data management platform for scientific oceanographic products, A. D'Anca, L. Conte, P. Nassisi, C. Palazzo, R. Lecci, S. Creti, M. Mancini, A. Nuzzo, M. Mirto, G. Mannarini, G. Coppini, S. Fiore, G. Aloisio (2017) *Nat. Hazards Earth Syst. Sci.*, 17 (2),171-184, doi:10.5194/nhess-17-171-2017
  - Coastal ocean forecasting with an unstructured grid model in the southern Adriatic and northern Ionian seas, I. Federico, N. Pinardi, G. Coppini, P. Oddo, R. Lecci, M. Mossa (2017) *Nat. Hazards Earth Syst. Sci.*, 17 (1),45-59, doi:10.5194/nhess-17-45-2017
  - A new search-and-rescue service in the Mediterranean Sea: a demonstration of the operational capability and an evaluation of its performance using real case scenarios, G. Coppini, E. Jansen, G. Turrisi, S. Creti, E. Y. Shchekinova, N. Pinardi, R. Lecci, I. Carluccio, Y.V. Kumkar, A. D'Anca, G. Mannarini, S. Martinelli, P. Marra, T. Capodiferno and T. Gismondi (2016), *Nat. Hazards Earth Syst. Sci. Discuss.*, 16 (12), 2713-2727,doi:10.5194/nhess-16-2713-2016
  - Marine Rapid Environmental Assessment in the Gulf of Taranto: a multiscale approach, N. Pinardi, V. Lyubartsev, N. Cardellicchio, C. Caporale, S.A. Ciliberti, G. Coppini, F. De Pascalis, L. D'Alati, I. Federico, M. Filippone, A. Grandi, M. Guideri, R. Lecci, L. Lamberti, G. Lorenzetti, P. Lusiani, C.D. Macripo, F. Maicu, M. Mossa, D. Tartarini, F. Trotta, G. Umgiesser and L. Zaggia (2016) *Nat. Hazards Earth Syst. Sci.*, 16 (12), 2623-2639, doi: 10.5194/nhess-16-2623-2016
  - The Mediterranean Decision Support System for Marine Safety dedicated to oil slicks predictions , G. Zodiatis, M. De Dominicis, L. Perivoliotis, H. Radhakrishnan, E. Georgoudis, M. Sotillo, R.W. Lardner, G. Krokos, D. Bruciaferri, E. Clementi, A. Guarnieri, A. Ribotti, A. Drago, E. Bourma, E. Padorno, P. Daniel, G. Gonzalez, C. Chazot, V. Gouriou, X. Kremer, S. Sofianos, J. Tintore, P. Garreau, N. Pinardi, G. Coppini, R. Lecci, A. Pisano, R. Sorgente, L. Fazioli, D. Soloviev, S. Stylianou, A. Nikolaidis, X. Panayidou, A. Karaolia, A. Gauci, A. Marcati, L. Caiazza, M. Mancini (2016), *Deep Sea Research Part II: Topical Studies in Oceanography*, 133, 4-20, doi: 10.1016/j.dsr2.2016.07.014
  - Decision support system for emergency management of oil spill accidents in the Mediterranean Sea, S. Liubartseva, G. Coppini, N. Pinardi, M. De Dominicis, R. Lecci, G. Turrisi, S. Creti, S. Martinelli, P. Agostini, P. Marra, and F. Palermo (2016) *Nat. Hazards Earth Syst. Sci.*, 16 (8), 2009-2020, doi:10.5194/nhess-16-2009-2016
  - VISIR: Technological infrastructure of an operational service for safe and efficient navigation in the Mediterranean Sea, G. Mannarini, G. Turrisi, A. D'Anca, M. Scalas, N. Pinardi, G. Coppini, F. Palermo, I. Carluccio, M. Scuro, S. Creti, R. Lecci, P. Nassisi, L. Tedesco (2016), *Nat. Hazards Earth Syst. Sci.*, 16 (8), 1791-1806 *Discuss.*, doi: 10.5194/nhess-16-1791-2016
  - A coupled model study on the Atlantic Meridional Overturning Circulation under extreme atmospheric CO2 conditions, R. Lecci, S. Masina, A. Cherchi, M. Barreiro (2016), *Annals of Geophysics*, Vol 59, No 2, doi:10.4401/ag-6658
  - Regional approach to modeling the transport of floating plastic debris in the Adriatic Sea, S. Liubartseva, G. Coppini, R. Lecci, S. Creti (2016), *Marine Pollution Bulletin*, Elsevier, doi:10.1016/j.marpolbul.2015.12.031
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