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| <b>PERSONAL INFORMATION</b> | OGS - Borgo Grotta Gigante, 42/C - 34010 Sgonico (TS) Italy   |
|                             | Phone: 00390402140310   |
|                             | E-mail: mlipizer@inogs.it   |
|                             | Sex F Date of birth 08/06/1968   Nationality Italian  |
| <b>WORK EXPERIENCE</b>      |   |
| <b>2006 - today</b>         | Data Scientist at OGS – National Institute of Oceanography and Experimental Geophysics, Borgo Grotta Gigante, 42/C - 34010 Sgonico (TS) – Italy, <a href="http://www.ogs.trieste.it">www.ogs.trieste.it</a>   |
|                             | <p>2012 – today: OGS – Division of Oceanography (OCE)- National Oceanographic Data Centre (OGS-NODC)</p> <ul style="list-style-type: none"> <li>▪ Involved in management of chemical and biological data related to Environmental Status descriptors of the Marine Strategy Framework Directive (MSFD), in particular for Biodiversity, Eutrophication, Contaminants and Contaminants in seafood, in order to achieve a harmonized system for all European Sea basins and to provide visualization products useful for assessment of the marine environment within the EU – DG MARE initiative EMODnet (European Marine Data and Information Network) Chemistry and Biology;</li> <li>▪ Involved in the definition of gaps and needs in data management for the implementation of MSFD/Ecosystem Approach in the Mediterranean in the framework of ActionMED (DG ENV/MSFD Action Plan/2014);</li> <li>▪ Involved in the implementation of Marine Spatial Planning in the Adriatic – Ionian Macroregion in the framework of DG – MARE Adriplan project. Responsible for the assessment of data and information on environmental status and on maritime activities relevant for the implementation of the Directive on Maritime Spatial Planning (MSP, 2014) and ICZM (Integrated Coastal Zone Management) Protocol in the Adriatic – Ionian Macroregion as a contribution to EUSAIR Strategy;</li> <li>▪ Research activity on: phytoplankton bloom dynamic, ecology of harmful algae, physical and chemical oceanography of marginal seas.</li> <li>▪ Involved in communication and dissemination activities addressed to the general public and to students of several education levels (high schools, university).</li> </ul> <p>2006 – 2012: OGS- Department of Biological Oceanography (BIO)</p> <ul style="list-style-type: none"> <li>▪ Research activity in physical, chemical and biological oceanography in the Adriatic, North Atlantic, Arctic and Southern Oceans. Involved in research on: long-term ecosystem variability, impact of meteorological and biological forcing, of human activities and of global climate changes on the marine environment in the framework of several national and international research projects.</li> <li>▪ Applied research: implementation of calibration protocols for sensors mounted on marine observatories.</li> </ul> <p>Sector Oceanography<br/> <b>ERC Sector:</b> PE10_8 Oceanography (physical, chemical, biological)</p> |
| <b>1995- 2006</b>           | Researcher and post graduate positions at CNR, WWF and Shoreline S.C.a.r.l.   |
|                             | 2002-2006: post-doc researcher at National Institute of Oceanography and Experimental Geophysics (OGS) of Trieste, Department of Oceanography (OGA)   |
|                             | 2001: scientific consultant at WWF – Natural Marine Reserve of Miramare   |
|                             | 2000: scientific consultant at Shoreline s.r.l., Area Science Park, Trieste   |
|                             | 1997-2001: researcher at former Istituto Sperimentale Talassografico (now CNR-  |

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|  | <p>ISMAR, Trieste)</p> <p>1995-1997: postgraduate fellowships at CNR – Istituto Sperimentale Talassografico of Trieste</p> <p>▪ Research activities in the field of chemical and physical oceanography in the Adriatic Sea and in polar oceans.</p> <p><b>Sector:</b> Marine monitoring; Oceanography</p>   |
| <b>EDUCATION AND TRAINING</b>              |   |
| <b>1988 - 1994</b>                         | Degree <i>Cum Laude</i> In Natural Sciences<br>Università degli Studi di Trieste Italy  |
| <b>Most relevant recent 5 publications</b> | <ul style="list-style-type: none"> <li>• Lipizer M., E. Partescano, A. Rabitti, A. Giorgetti, A. Crise 2014 Qualified temperature, salinity and dissolved oxygen climatologies in a changing Adriatic Sea; <i>Ocean Sci.</i>, 10, 771-797, 2014 doi: 10.5194/os-10-771-2014</li> <li>• Lipizer M., De Vittor C., Falconi C., Comici C., Tamberlich F., Giani M. 2012 Effects of intense physical and biological forcing factors on CNP pools in coastal waters (Gulf of Trieste, Northern Adriatic Sea). <i>Estuarine, Coastal and Shelf Science</i>, 115, 40-50 doi: 10.1016/j.ecss.2012.03.024</li> <li>• Cabrini M., Fornasaro D., Cossarini G., Lipizer M., Virgilio D. 2012 Phytoplankton temporal changes in a coastal Northern Adriatic site during the last 25 years. Submitted to <i>Estuarine, Coastal and Shelf Science</i>, Special Issue: North Adriatic doi: 10.1016/j.ecss.2012.07.007</li> <li>• M. Lipizer, G. Cossarini, C. Falconi, C. Solidoro, S. Fonda Umani 2011 Impact of different forcing factors on N:P balance in a semi-enclosed bay: the Gulf of Trieste (North Adriatic Sea). <i>Continental Shelf Research</i>, 31 (16), 1651-1662. doi: 10.1016/j.csr.2011.06.004</li> <li>• G. Civitarese, M. Gačić, M. Lipizer, G. L. Eusebi Borzelli 2010 On the impact of the Bimodal Oscillating System (BIOS) on the biogeochemistry and biology of the Adriatic and Ionian Seas (Eastern Mediterranean). <i>Biogeosciences</i>, 7, 3987-3997, doi:10.5194/bgd-73987-2010</li> </ul> |
| <b>Most relevant recent projects</b>       | <p>DG-MARE EMODNET Biology (2012-2019), <a href="http://www.emodnet-biology.eu/">http://www.emodnet-biology.eu/</a></p> <p>DG-MARE EMODNET Chemistry (2012-2019), <a href="http://www.emodnet.eu/chemistry">http://www.emodnet.eu/chemistry</a></p> <p>DG ENF/MSFD Action Plan/2014 ActionMed</p> <p>DG-MARE ADRIPLAN, <a href="http://www.adriplan.eu">www.adriplan.eu</a></p> <p>FP7 MEDSEA, <a href="http://medsea-project.eu/">http://medsea-project.eu/</a></p>  |