



Consiglio Nazionale delle Ricerche  
ISP - ISTITUTO DI SCIENZE POLARI

Curriculum Vitae Mauro Sclavo

Degree in Physics, University of Padua; Post Graduate School in Maritime and Coastal Engineering, University of Padua.

In 1996-1997 Human Capital Mobility EC grant at Proudman Oceanographic Laboratory (Birkenhead-Liverpool, UK) where he made research on numerical and physical sensitivity in coastal and shallow water environments.

Researcher at CNR from 1998, presently Director of Research at the Institute of Polar Sciences of the Italian National Research Council (CNR-ISP).

He has done research work on wind wave modelling and on coastal processes with special focus on sediment transport; the models used are numerical wave and sediment transport models coupled with 3D circulation models. His research interests currently are the physical processes at the air-water and water-sediment interfaces, the wave-current coupling and the wave climate variations due to climate changes and their impact on coastal vulnerability. Other interests include the application of indicators for the integrated management of the coastal zone and the measurements of wave spectra with stereoscopic techniques.

Co-author of more than 70 scientific papers in ISI journals and of about 150 conference papers; co-author of 2 patents and editor of MEDATLAS: Wind and Wave Atlas of the Mediterranean Sea. He participated in and coordinated several national and international research projects. In 2017 and 2018 he has been Head of the Institute of Marine Sciences of the Italian National Research Council (CNR-ISMAR).

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Mauro Sclavo

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