



**Katrin Schröder**

**ITALY**

With a M.Sc. in Environmental Sciences (cum laude, University of Venice, 2003) and a PhD in Environmental Sciences (University of Venice, 2008), Katrin Schroeder's major research interests are experimental studies in physical and biogeochemical oceanography of the Mediterranean Sea.

Since November 2011 she is Researcher at CNR - Institute of Marine Science (ISMAR, Venice, Italy). Previously she was postdoctoral Research at CNR – ISMAR in La Spezia (Italy) and visiting scientist in Southampton (UK). She started her PhD while she was a grant holder at ENEA – Research Unit of the Marine Environment in La Spezia.

She is the CNR alternate representative at the European Marine Board (EMB), since 2017. Starting from EGU2019 she will be co-convener of Session OS2.2 “Advances in Understanding of the Multi-Disciplinary Dynamics of the Southern European Seas (Mediterranean and Black Sea)” at the annual EGU General Assemblies in Vienna. In 2017 she has been nominated by the Accademia Nazionale dei Lincei to be the Italian representative within the Working group on Climate Change and Education, organized by the InterAcademy Partnership (IAP), which outcome was an IAP Statement that has been published and endorse at the Paris Conference “One Planet Summit”.

Additionally, she is Associated Editor for Frontiers in Marine Science – Physical Oceanography, and is currently Guest Editor for Ocean Science within an inter-journal special issue about the “hydrological cycle in the Mediterranean”. In 2015 she was Guest Editor for the special issue in the journal “Marine Geology”, Volume 375 (pp 1-160) “Cascading Dense water Flow and its Impact on the Sea Floor in the Adriatic and Aegean Sea, Eastern Mediterranean”.

In 2015 she has been presented the Arne Richter Award for Outstanding Young Scientists by the EGU “for her achievements in the field of experimental oceanography, to which she has contributed original ideas on the understanding of the formation and spreading of Mediterranean deep waters”. In 2015 she has been invited to the EGU Conference to give a talk entitled “One decade of enhanced thermohaline variability in the deep western Mediterranean Sea (2004-2014)” and the solicited Medal Lecture entitled “Modern view of Western Mediterranean hydrography”. In June 2011 she has received the MedClivar Young Scientist Award "for her important contribution to the understanding of the physical oceanography of the western Mediterranean, her leading role in the second MedClivar book and active contribution to the MedClivar activities".

Since 2012 she is Coordinator of the CIESM HYDROCHANGES Programme, while since 2012 she is member of the Steering Committee of MedCLIVAR.

She participated to 16 oceanographic cruises, and she supervised 3 PhD students and 4 master students.

She authored or co-authored 52 peer-reviewed scientific papers, 3 book chapters, 11 monographs and short articles and more than 150 congress presentations, some of them on invitation.

For publication list and citation indices please check here:

[https://scholar.google.com/citations?user=1xluf\\_0AAAAJ&hl=en](https://scholar.google.com/citations?user=1xluf_0AAAAJ&hl=en)