

PORTWIMS

Your quarterly bite of Project News – July 2019



Welcome message from the Project Lead

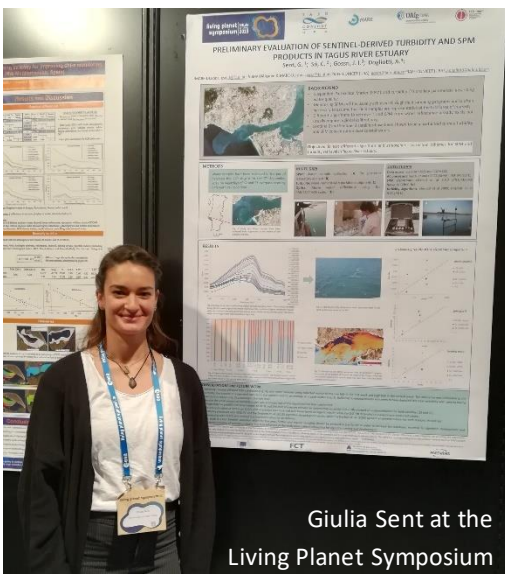
PORTWIMS is approaching the end of our first year, and I am very happy with what we have achieved so far. We held two successful summer schools, in Lisbon and Helgoland, where students from different nationalities worked together, established links for the future, and had fun. Three Portuguese students have participated in oceanographic cruises, and three more are set to join the Discovery for AMT29 in October. Please read on for more project news.



Project Meeting News

The 2019 annual project meeting will be held on 7-8 November in Bremen, northwestern Germany. Organisation of the event is being led by Prof Astrid Bracher (AWI). Further details will follow in due course but please schedule these dates into your diary.

Please also bear in mind that our first reporting period ends in December 2019 so the new year will be a busy time for the project as we bring together all of the reports for the European Commission.



Giulia Sent at the Living Planet Symposium

More Project Success

The PORTWIMS team has been busy preparing and submitting joint proposals to international funding, of which three ESA proposals have been successful and the projects have already started.

Staff exchanges and support to attend conferences have, so far, focused on Earth Observation. MSc student Giulia Sent presented a poster at the Living Planet Symposium, in Milan, for the first time.

Polarstern cruise



Polarstern cruise trains researchers of tomorrow

During June AWI's RV Polarstern cruise crossed the Atlantic from the Falkland Islands to Germany. Besides the performance of key scientific research, the cruise hosted 25 young scientists from around the globe as part of a floating summer school. The students gained unique insights in marine sciences and engaged in short projects on interactions between the ocean, atmosphere and climate ([read more](#)).



'Life-changing experience' for Mara

PORTWIMS enabled Mara Gomes from Lisbon university to participate in the Polarstern cruise where she conducted research on radiometric properties for validation and taught the students about phytoplankton. Mara said "the participation of experts in different science and technology fields and curious young scientists made the expedition a life-changing experience" ([read more](#)).

EUMETSAT/PORTWIMS Collaboration

Held in Lisbon in June, the summer school focused on the use of the latest satellite data to support a wide range of marine applications. Course trainer, Dr Ben Loveday, said "The fantastic team atmosphere that developed during the course helped in forming strong collaborative bonds between students and trainers and drove the group as a whole towards great progress in addressing applications in some very complex marine environments." ([read more](#))





University of Lisbon students at the AWI summer school

AWI's 18th Coastal Summer School

16 young scientists from 9 nations visited the North Sea island Helgoland for 11 days to deepen their knowledge of coastal phytoplankton research focusing on observations and industrial applications. Among them were seven students from the University Lisbon funded by PORTWIMS. The summer school combined theoretical training with hands-on practical sessions on the research vessel Heincke ([read more](#)).



Plymouth Hoe courtesy of Carolina Sa

Exchange visit a 'great learning experience'

In May 2019 Carolina Sá visited PML to work with Dr. Giorgio Dall'Olmo to investigate the contribution of phytoplankton to the total particle size distribution throughout the Atlantic Ocean. Carolina will be responsible for taking measurements of PSD, in order to characterise its horizontal and vertical patterns throughout the Atlantic transect, when she joins AMT29 in October 2019 ([read more](#)).

Please remember

- To report your outreach activities using the online survey form.
- Project leaflets are available for use at conferences and events
- Follow the project on Twitter and Facebook
- Encourage people to sign up to receive this newsletter
- Share project reports and tick completed actions on SquidHub

Any questions please email the PML communication team portwims@pml.ac.uk



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