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EOS-COST workshop on the use of models, reanalyses and observations to assess the health of the ocean environment

Date: 17 March 2017

Morning Session (9.00-13.00): Aquapôle (B53), University of Liege, Sart Tilman campus, 4000 Liege, Belgium.

8:30 Welcome desk opens

9:00 Introduction to the workshop

9:10 Discussion/ Round table: Future developments for models and data analysis tools to address end-user needs.

Animated by the following presentations:

- CMEMS user feedback on ocean reanalyses (Karina von Schukmann)
- Copernicus Market Report (Morgane Roth)
- From measurement to end-user: EuroGOOS perspective (Vicente Fernandez)
- Long term climate variability from reanalysis in the Mediterranean Sea (Nadia Pinardi)
- SLIM: a model for the land-sea continuum and beyond (Eric Deleersnijder)
- Seamless Forecasting: from regional to estuarine scales (Emil Stanev)

Lunch (13:00-14:00): Galerie des Arts, Bâtiment B7b, Campus du Sart-Tilman, Ulg

Afternoon session (14:00-17.40): Room A3, Galerie des Arts, Bâtiment B7b, Sart-Tilman, Ulg.

14:00 Simo Siiria - The SmartSea project (Baltic Sea).

14:20 Karina von Schukmann - CMEMS Ocean State Report.

14:40 Estrella Olmedo - Advances in SMOS SSS retrievals in marginal seas: limitations and capabilities.

15:00 David March - Oceanographic Turtles: Ocean monitoring platforms for conservation and dynamic ocean management.

15:20 Coffee break

15:40 Dimitry van der Zande - Multi-sensor satellite-based water quality monitoring in the North Sea.

16:00 Geneviève Lacroix - Impact of man-made structures on hard substrate species connectivity patterns in the North Sea.

16:20 Emmanuel Hanert - Modelling marine connectivity in the Great Barrier Reef with SLIM.

16:40 Marilaure Grégoire - The Ocean is losing its breath: declining oxygen in the world's oceans and coastal waters. A worldwide concern at the core of the IOC-Unesco GO2NE network.

17:00 Davi Mignac - A study of the spread in the meridional transports from NEMO-based reanalyses and free-running models in the South Atlantic.

17:20 Hadar Berman - The optimization of an NPZD ecological model using genetic algorithm.

18:00

Invited Conference by Professor Nadia Pinardi: “Ocean forecasting: from descriptive to quantitative science”. 18.00 - 19.00, Amphithéâtre de l’Europe, Room 304.



