

Medslíklí consortium 2020 meeting

UNIBO Team 2018-2020

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Contribution for the period 2018-2020

- Delivered Global Version of MedslikII.V2.0
 - Main changes were:
 - Ingestion of global meteo-oceanographic inputs
 - Ingestion of global bathymetry and coastlines
 - netCDF4 outputs
- New hazard mapping methodology developed and tested in the open ocean and for the beached oil for the whole Atlantic
- Bulletin for the East China Sea oil spill together with CMCC
- Dissemination activities: Pinardi invited to prepare a common paper with GOMRI consortium with MedslikII description
- Help in re-structuring the MedslikII-V2.01 version
- SURF output connected to MedslikII: being finalized now, case of application will be the Prestige accident

Suggested discussion points

- Partners could do tests of new MedslikII.v2.01 release and give feedbacks
- Integration of deep water spills, specific workshop to be organized
- Beaching algorithm to be evaluated again after Samaras et al. (2015), specific workshop
- Introduction of center of mass winds on **a split slick**
- Design the ensemble simulation methodology for real time oil spill forecasts
- Coupling with global CMEMS waves
- Improvements in transformation processes for surface oil spill: what is it needed?
- Ice and oil interaction: what is the overall strategy?
- Virtual machine environment for MedslikII?