



Fixed Platforms Workshop, 29th February – 1st March 2012, Rome

WEDNESDAY 29TH FEBRUARY 2012

Session 1: Fixed platforms: current status and improvement (WP3 T3.3)

This session will be aimed towards reviewing the current status of existing fixed platforms in operational use in European waters, to identify elements of their technology and utilization representing Best Practice, and to address the issue of their implementation to answer new societal questions.

MORNING

9.15 to 9.30	Registration at the CNR main entrance
9.40	Welcome by CNR and logistic information <i>Stefania Sparnocchia (CNR)</i>
9.45	Objectives of the workshop <i>Patrick Farcy (IFREMER, JERICO coordinator), Wilhelm Petersen (HZG, WP3 leader), George Petihakis (HCMR, WP4 leader)</i>
10.30	Current overview of fixed platforms at the European level <i>Giuseppe Manzella (EMODNET PP) & Patrick Gorringer (EuroGOOS)</i>
11.00	Coffee Break
11.30	Overview of fixed platforms in JERICO: current status and their contribution to existing Coastal Observatories; methods and practices in use. - First overview from the information collected in JERICO (T3.3.1 - Fixed Platforms Questionnaire): geographical distribution, parameters, etc. Dave Sivyer (CEFAS), Wilhelm Petersen (HZG) - <i>Short presentations by partners (5-10 min each)</i> - Coastal Research Station in Lubiato by <i>Rafał Ostrowski or Piotr Szmytkiewicz</i> - Flemish Banks Monitoring Network by <i>Stephanie Van de vrecken</i> - Coastal Observation System for Northern and Arctic Seas (COSYNA) by <i>Willi Petersen</i> - The SmartBuoy programme by <i>Naomi Greenwood (CEFAS)</i> - Fixed Point Coastal Observation around Italy by <i>Stefania Sparnocchia (CNR) and Rajesh Nair (OGS)</i> Discussion
13.00	Lunch Break (buffet offered by CNR in aula Natta – “Natta” room)





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AFTERNOON

14.30	Needs of fixed observing sites for estimating/modelling processes in the coastal zone (in collaboration with WP9) <i>Srdjan Dobricic (CMCC)</i>
15.00	New sensors (e.g. pH, DIC, nutrients, ...) and techniques for in situ measurements at fixed points (e.g. profilers, image analysis, acoustic methods...) T3.3.4+WP10 - pH sensors; image analysis. <i>Laurent Coppola and Lars Stemmann (CNRS-UPMC)</i> - Experiences with new sensors at HZG (pCO ₂ , pH, nutrients, PSICam...). <i>Wilhelm Petersen (HZG)</i>
1600	Coffee Break
16.30	Discussion and conclusions: - Recommendations concerning best technical practices with fixed platforms including technological solutions for integrating new sensors . <i>Questions: - how to choose the site?</i> - <i>technologies of mooring (if needed) in calm or rough sea ?</i> - <i>buoy technologies : material, power supply, access to maintenance, ...</i> - <i>data collection : internal support, communication,</i> - <i>sensors' housing (other sensor-related aspects – calibration, cleaning will be discussed in the following sessions)</i> - Recommendations concerning new sensors to be passed to WP10. - Filling the gaps. <i>Questions: - What are the gaps in geographical areas, sensors, methodology, ...</i> - <i>Solutions (national & EU level)?</i> - Plan of further actions towards the compilation of the D 3.3. report on status of fixed platforms (M21=Jan 2013)
18.00	Session end

