



National Institute  
of Geophysics  
and Volcanology



Italian Ministry of  
Foreign Affairs



Intergovernmental  
Oceanographic  
Commission  
UNESCO



Italian Ministry for the  
Environment and Territory



ALMA MATER STUDIORUM  
University of Bologna  
Environmental Sciences  
Ravenna

# ADRICOSM-EXTension

## Final meeting agenda

### 20 and 21 November 2006

## DRAFT

*Meeting place:*  
*CNR*  
*aula Marconi*  
*Piazzale Aldo Moro n°7*  
*Rome*

### First day: 20 November 2006

- 14:00 **PEOPLE MEET**
- 14:10 - 14:20 *Welcome by the Italian Ministry of Foreign Affairs, Consigliere Renato Cianfarani*
- 14:20 - 14:30 *Welcome by the Italian Ministry for the Environment and Territory, (to be confirmed)*
- 14:30 - 14:40 *Welcome by CNR, (to be confirmed)*
- 14:40 - 14:50 *Welcome by UNESCO-IOC, Ehrlich Desa*
- 14:50 - 15:00 *Presentation of ADRICOSM Partnership - Ministero dell'Ambiente (to be confirmed)*

15:00 - 15:30 **Presentation of MOON and of ADRICOSM-EXT overall scientific and operational results** Nadia Pinardi - INGV

## WP1: ENHANCEMENT OF ADRICOSM OBSERVATIONAL AND MODELING NETWORK

### Task 1.1: Continuation and improvement of the NRT system for the remotely sensed data

15:30 - 15:45 Subtask 1.1.1: SST; Subtask 1.1.2: Ocean Color; Subtask 1.1.3: Satellite data products for meteorological sensitivity studies  
Lia Santoleri, Emanuele Böhm, CNR ISAC with the contribution of HEIS, CNR.ISMAR-Ancona, UNIBE

### Task 1.2: Continuation and improvement of the VOS XBT monitoring system

15:45 - 15:55 Subtask 1.2.1: Design of the automatic meteorological station for the VOS-XBT system  
Giuseppe Manzella and Franco Reseghetti, ENEA.CRAM with the contribution of UNESCO-IOC, OGS, IOF

15:55 - 16:05 Subtask 1.2.2: XBT and continuous ship-borne meteorological measurements along the transect Dubrovnik-Bari  
Mira Morovic, Vlado Dadic and Giuseppe Manzella

16:05 - 16:15 XBT and continuous ship-borne meteorological measurements along the transect Dubrovnik-Bari  
Vanessa Cardin and Giuseppe Manzella, OGS with the contribution of IOF, ENEA.CRAM

16:15 - 16:30 **Discussion**

16:30 - 17:00 **Coffee Break**

### Task 1.3: Implementation of new CTD coastal networks and monitoring stations.

17:00 - 17:15 Subtask 1.3.1: The Bar-Durres coastal area seasonal data collection  
Mauro Marini, CNR.ISMAR (Ancona) with the contribution of IBM and HI

17:15 - 17:30 Subtask 1.3.2: Extending the measurements area for CTD and inclusion of optical parameters  
Mira Morovic, Vlado Dadic, IOF with the contribution of HEIS

### Task 1.4: New sea level stations in Southern Adriatic Sea

17:30 - 17:45 New sea level station in Southern Adriatic Sea: the location and logistics  
Kujtim Bicaku, Mitat Sanxhaku, Vangjel Mustaqi, HI

17:45 - 18:00 New sea level station in Southern Adriatic Sea: system architecture  
Mauro Bencivenga, Simonetta Piccinini, APAT with the contribution of UNESCO-IOC, HI

### Task 1.5: Introduction of new measurements in existing observational areas for training purposes

- 18:00 - 18:15** Subtask 1.5.1: Add new ADCP on board of two of the four major ADRICOSM CTD network vessels  
Vanessa Cardin, OGS with the contribution of UNESCO-IOC, ARPA.Daphne, NIB.MBS, RBI.CMR, IOF, HEIS, UNIBE, IBM, HI
- 18:15-18:30** **CTD operational monitoring network and ADCP** on board of the ARPA-DAPHNE  
Giuseppe Montanari and Roberto Serra, ARPA Emilia Romagna
- 18:30 – 18:45** ADCP on board of the vessel of the IOF,  
Vlado Dadic, IOF
- 18:45 - 19:00** ***Discussion***

## Second day: 21 November 2006

### **Task 1.2: Continuation and improvement of the VOS XBT monitoring system**

9:00 - 9:15      Subtask 1.5.2: Evaluation of innovative sensors in the Gulf of Trieste monitoring station  
Elena Mauri, OGS with the contribution of IBM

### **Task 1.5: Introduction of new measurements in existing observational areas for training purposes**

9:15 – 9:30      Subtask 1.5.3: Po river Buoy station  
Giovanni Bortoluzzi, Mariangela Ravaioli e Sara Piconi, CNR.ISMAR-IGM with the contribution of NIB.MBS, HMI

9:30 – 9:45      HEIS contribution under Tasks: 1.1, 1.3 and 1.5, Dr. Igor Palandzic, HEIS

9:45 - 10:00      Subtask 1.5.4: Assessment of primary production in the Gulf of Trieste coastal waters  
Fabio Voltolina, OGS-LBM.TS with the contribution of IBM

10:00 - 10:15      ***Discussion***

### **Task 1.6: Improvement of coastal hydrodynamic modelling and new implementations**

10:15 - 10:30      Subtask 1.6.1: Improve the coastal forecasting activities in the Split area  
Zoran Pasaric, UZ.AMGI with the contribution of INGV

10:30 - 10:45      Subtask 1.6.2: Improvement of coastal forecasting activities in marine area influenced by discharge of Neretva River (Croatia and Bosnia-Herzegovina territories)-High resolution coastal model (COAST) and coastal modelling tools  
Gordana Beg-Paklar and Vlado Dadic, IOF with the contribution of APAT and FCE-Mostar

10:45 - 11:15      **Coffee Break**

11:15 - 11:30      Subtask 1.6.2 Francesco Lalli, APAT

11:30 – 11:45      Subtask 1.6.3: New coastal model for Rovinj Area  
Nenad Smodlaka, RBI.CMS

11:45 - 12:00      **Task 1.7: Atmospheric forcing studies**  
Prof. Borivoj Rajkovic

12:00 - 12:15      **Task 1.8: Continuation of ADRICOSM forecasting activities**  
Paolo Oddo and Antonio Guarnieri, INGV

12:15 - 12:45      ***Discussion***

12:45 – 14:30      **Lunch**

## WP2: INTEGRATED CATCHMENT SIMULATOR SYSTEM - ICSS FOR A RIVER TEST SITE

- 14:30 - 14:45 **Task 2.1: Definition of pilot area and mobilization** and **Task 2.2: Data Collection and Database Implementation**  
Kujtim Bicaku, HI with the contribution of SGI
- 14:45 - 15:00 **Task 2.3: Models set-up and implementation**  
Alessandro Bettin, SGI with the contribution of HI
- 15:00 - 15:15 ***Discussion***

## WP3: DATA MANAGEMENT SYSTEM

- 15:15 - 15:30 **Task 3.1: Organisation of NRT data management system for the whole Adriatic Sea**  
Giuseppe Manzella and Franco Reseghetti and Dr. Giuseppe Manzella, ENEA.CRAM with the contribution of UNIBO.CIRSA, ARPA-Daphne, LBM.TS, OGS, NIB.MBS
- 15:30 - 15:45 **Task 3.3: Development of a portal system (LAS) for satellite, in situ and model data output**  
Roberto Sciarra, CNR.ISAC with the contribution of ENEA.CRAM, OGS, UZ.AMGI
- 15:45 - 16:00 **Task 3.4: Data sharing protocols for meteo-marine measurements**  
Colagrossi, Simonetta Piccinini, APAT with the contribution of ENEA.CRAM, HI
- 16:00 - 16:30 **Coffee Break**
- 16:30 – 16:45 **Task 3.2: Organisation of a delayed mode data archiving system for the Adriatic Sea** **Task 3.5: GIS development for coastal areas of the Adriatic Sea**  
Alessandra Giorgetti, OGS with the contribution of ENEA.CRAM, LBM.TS, NIB.MBS, RBI.CMR, IOF
- 16:45 - 17:00 ***Discussion***

## WP4: TRAINING AND OUTREACH

- 17:00 - 17:30 **Training courses and workshop results.**  
Desa Ehrlich, Joannès Berque, (IOC) Stefano Corsini, Mauro Bencivenga (APAT), Marco Zavatarelli (UNIBO), Nadia Pinaridi (INGV), Alessandro Bettin (SGI)
- 17:30 - 17:45 ***Discussion***