



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

Kick-off meeting

22-23 September 2005

FINAL AGENDA

Meeting place:

*Università degli Studi di Bologna - Corso di Laurea in Scienze Ambientali
Aula Magna 2nd floor
Via S. Alberto 163 and Via dell'Agricoltura 5
48100 Ravenna*

First day: 22 September 2005

- 09:00** **PEOPLE MEET**
- 09:05 - 09:10** *Welcome by National Institute of Geophysics and Volcanology, Dr. Giovanni Coppini*
- 09:10 - 09:20** *Welcome by University of Bologna, Prof. Emilio Tagliavini*
- 09:20 - 09:30** *Welcome by the Italian Ministry of Foreign Affairs (to be confirmed)*
- 09:30 - 09:40** *Welcome by the Italian Ministry for the Environment and Territory, Dr. Giovanna Agostinelli*
- 09:40 - 09:50** *Welcome by UNESCO-IOC, Dr. Desa Ehrlich*

09:50 - 10:15 ***Presentation of ADRICOSM Partnership***
Dr. Giovanna Agostinelli - Ministero dell'Ambiente

10:15 - 10:45 ***Presentation of ADRICOSM pilot project scientific results and presentation of ADRICOSM-EXT Project structure***
Dr. Giovanni Coppini - INGV

WP0: PROJECT MANAGEMENT

10:45 - 11:00 ***Task 0.1*** and ***Task 0.2***: **Scientific coordination and Project reporting and meetings**
Dr. Desa Ehrlich, Dr. Joannès Berque- UNESCO-IOC
Dr. Giovanni Coppini – INGV

11:00 - 11:15 **Coffee Break**

11:15 - 11:30 ***Task 0.3***: **Reporting and Dissemination of Project results**
Dr. Claudia Cesarini - CLU

11:30 - 11:45 ***Discussion***

WP1: ENHANCEMENT OF ADRICOSM OBSERVATIONAL AND MODELING NETWORK

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

11:45 - 12:00 **Subtask 1.1.1**: SST; **Subtask 1.1.2**: Ocean Color; **Subtask 1.1.3**: Satellite data products for meteorological sensitivity studies
Dr. 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

12:00 - 12:15 **Subtask 1.2.1**: Design of the automatic meteorological station for the VOS-XBT system
Dr. Franco Reseghetti, ENEA.CRAM with the contribution of UNESCO-IOC, OGS, IOF

12:15 - 12:30 **Subtask 1.2.2**: XBT and continuous ship-borne meteorological measurements along the transects Ploce-Malta and Dubrovnik-Bari
Dr. Vanessa Cardin, OGS with the contribution of IOF, ENEA.CRAM

12:30 - 12:45 ***Discussion***

12:45 - 14:15 ***Lunch***

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

14:15 - 14:30 **Subtask 1.3.1**: The Bar-Durres coastal area seasonal data collection
Dr. Mauro Marini, CNR.ISMAR (Ancona) with the contribution of IBM and HI

14:30 - 14:45 Subtask 1.3.2: Extending the measurements area for CTD and inclusion of optical parameters
Dr. Vlado Dadic, IOF with the contribution of HEIS

Task 1.4: New sea level stations in Southern Adriatic Sea

14:45 - 15:00 New sea level stations in Southern Adriatic Sea

Ing. Simonetta Piccinini, APAT with the contribution of UNESCO-IOC, HI

15:00 - 15:15 ***Discussion***

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

15:15 - 15:30 Subtask 1.5.1: Add new ADCP on board of two of the four major ADRICOSM CTD network vessels
Dr. Vanessa Cardin, OGS with the contribution of UNESCO-IOC, ARPA.Daphne, NIB.MBS, RBI.CMR, IOF, HEIS, UNIBE, IBM, HI

15:30 - 15:45 Subtask 1.5.2: Evaluation of innovative sensors in the Gulf of Trieste monitoring station
Dr. Elena Mauri, OGS with the contribution of IBM

15:45 - 16:00 Subtask 1.5.3: Po river Buoy station
Dr. Mariangela Ravaioli – Dr. Sara Piconi, CNR.ISMAR-IGM with the contribution of NIB.MBS, HMI

16:00 - 16:15 **Coffee Break**

16:15 – 16:25 HEIS contribution under Tasks: 1.1, 1.3 and 1.5, Dr. Igor Palandzic, HEIS

16:25 - 16:40 Subtask 1.5.4: Assessment of primary production in the Gulf of Trieste coastal waters
Mr. Fabio Voltolina, OGS-LBM.TS with the contribution of IBM

16:40 - 16:55 ***Discussion***

16:55 - 17:10 **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**
Dr. Alessandra Giorgetti, OGS with the contribution of ENEA.CRAM, LBM.TS, NIB.MBS, RBI.CMR, IOF

Task 1.6: Improvement of coastal hydrodynamic modelling and new implementations

17:10 - 17:25 Subtask 1.6.1: Improve the coastal forecasting activities in the Split area
Dr. Zoran Pasarić, UZ.AMGI with the contribution of INGV

17:25 - 17:40 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
Dr. Vlado Dadic, IOF with the contribution of APAT and FCE-Mostar

17:40 - 17:50 Subtask 1.6.2 Ing Francesco Lalli, APAT

- 17:50 – 17:55 Improvement of coastal forecasting activities in marine area influenced by discharge of Neretva River, Gordana Beg-Paklar, IOF
- 17:55 - 18:10 Subtask 1.6.3: New coastal model for Rovinj Area
Dr. Nenad Smolaka, RBI.CMS with the contribution of INGV (Paolo Oddo)
- 18:10 - 18:45 *Discussion*

Second day: 23 September 2005

- 09:00 - 09:15 Task 1.7: Atmospheric forcing studies
Prof. Borivoj Rajkovic, UNIBE with the contribution of INGV
- 09:15 - 09:30 Task 1.8: Continuation of ADRICOSM forecasting activities
Dr. Paolo Oddo, INGV with the contribution of IOF
- 09:30 - 10:00 *Discussion*

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

- 10:00 - 10:15 Task 2.1: Definition of pilot area and mobilization and Task 2.2: Data Collection and Database Implementation
Dr. Kujtim Bicaku, HI with the contribution of SGI
- 10:15 - 10:30 Task 2.3: Models set-up and implementation
Dr. Ing Augusto Pretner and Dr. Ing. Alessandro Bettin, SGI with the contribution of HI, RBI.CMR, IOF, UZ.AMGI, HEIS, FCE, FCE-Mostar
- 10:30 - 10:55 *Discussion*
- 10:55 - 11:15 **Coffee Break**

WP3: DATA MANAGEMENT SYSTEM

- 11:15 - 11:30 Task 3.1: Organisation of NRT data management system for the whole Adriatic Sea
Dr. Franco Reseghetti and Dr. Giuseppe Manzella, ENEA.CRAM with the contribution of UNIBO.CIRSA, ARPA-Daphne, LBM.TS, OGS, NIB.MBS
- 11:30 - 11:45 Task 3.3: Development of a portal system (LAS) for satellite, in situ and model data output
Dr. Emanuele Böhm, CNR.ISAC with the contribution of ENEA.CRAM, OGS, UZ.AMGI
- 11:45 - 12:00 Task 3.4: Data sharing protocols for meteo-marine measurements
Ing. Simonetta Piccinini, APAT with the contribution of ENEA.CRAM, HI
- 12:00 - 12:30 *Discussion*

WP4: TRAINING AND OUTREACH

- 12:30 - 12:45 **Task 4.1: Workshops and seminars in the field of operational forecasting, ICZM, monitoring, modelling and data assimilation**
Dr. Desa Ehrlich, Dr. Joannès Berque, UNESCO-IOC
- 12:45 - 13:00 ***Discussion***
- 13:00 - 14:30 ***Lunch***
- 14:30 - 14:45 **Task 4.2: Mapping techniques for coastal data sets**
Dr. Marco Zavatarelli, UNIBO-CIRSA
- 14:45 - 14:55 ***Discussion***
- 14:55 - 15:10 **Task 4.3: Training course for data management**
Dr. Desa Ehrlich, Joannès Berque, UNESCO-IOC
- 15:10 - 15:20 ***Discussion***
- 15:20 - 15:35 **Task 4.4: Meteo-marine station data management**
Ing. Simonetta Piccinini, APAT
- 15:35 - 15:45 ***Discussion***
- 15:45 - 16:00 **Task 4.5: Training in ICSS**
Dr. Ing Augusto Pretner and Dr. Ing Alessandro Bettin, SGI
- 16:00 - 17.00 ***Discussion***
- 17:00 ***End of the meeting***