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Regional Advanced School on Physical and Mathematical Tools for the Study of Marine Processes of Coastal Areas | (smr 1976)

Monday 26 May 2008

Inauguration and welcome address - Introducing participants - Main objectives

(09:00-10:30)

time	title	presenter
09:00	Inauguration and welcome address - Introducing participants - Main objectives	

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

Multidisciplinary approaches to assess the impact of terrigenous and anthropogenic inputs on a tropical coastal environment

(11:00-12:00)

time	title	presenter
11:00	Multidisciplinary approaches to assess the impact of terrigenous and anthropogenic inputs on a tropical coastal environment	RENAUD FICHEZ

Water masses properties, chemical signature and biological processes in coastal marine environments

(12:00-13:00)

time	title	presenter
12:00	Water masses properties, chemical signature and biological processes in coastal marine environments	MAURIZIO RIBERA D'ALCALÀ

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

Hydrodynamics and hydrodynamic modelling in the coastal zone (I)

(14:30-15:30)

time	title	presenter
14:30	Hydrodynamics and hydrodynamic modelling in the coastal zone (I)	PASCAL DOUILLET

ROMS vs POM: new tools for hydrodynamics simulations (15:30-16:30)

time	title	presenter
15:30	ROMS vs POM: new tools for hydrodynamics simulations	ANDREA BERGAMASCO

**Biogeochemical budgets and biogeochemical box
modelling**
(16:30-17:30)

time	title	presenter
16:30	Biogeochemical budgets and biogeochemical box modelling	CHRISTIAN GRENZ

Tuesday 27 May 2008

Radioactive tracers for oceanic processes: potentiality & examples, in a climatic context **(09:00-10:30)**

time	title	presenter
09:00	Radioactive tracers for oceanic processes: potentiality & examples, in a climatic context	ROBERTA DELFANTI

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

The coastal area and the warming world **(11:00-12:00)**

time	title	presenter
11:00	The coastal area and the warming world	VINCENZO ARTALE

Biogeochemical bases used in ecological modelling (I) **(12:00-13:00)**

time	title	presenter
12:00	Biogeochemical bases used in ecological modelling (I)	CHRISTEL PINAZO

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

Benthic-pelagic coupling in coastal system, viewed from a benthic perspective **(14:30-15:30)**

time	title	presenter
14:30	Benthic-pelagic coupling in coastal system, viewed from a benthic perspective	LIONEL DENIS

Dynamics of bio-sedimentation processes in intertidal areas (15:30-16:30)

time	title	presenter
15:30	Dynamics of bio-sedimentation processes in intertidal areas	LIONEL DENIS

Three approaches for the calculation of the flushing time of the bay of Cienfuegos

(16:30-17:30)

time	title	presenter
16:30	Three approaches for the calculation of the flushing time of the bay of Cienfuegos	ALAIN MUÑOZ CARAVACA

Wednesday 28 May 2008

Radionuclides as tracers for particle dynamics

(09:00-10:30)

time	title	presenter
09:00	Radionuclides as tracers for particle dynamics	ROBERTA DELFANTI

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

Sampling marine sediments: strategy and methods, equipments and artifacts (11:00-12:00)

time	title	presenter
11:00	Sampling marine sediments: strategy and methods, equipments and artifacts	CARLO PAPUCCI

Hydrodynamics and hydrodynamic modelling in the coastal zone (II)

(12:00-13:00)

time	title	presenter
12:00	Hydrodynamics and hydrodynamic modelling in the coastal zone (II)	PASCAL DOUILLET

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

Biogeochemical bases used in ecological modelling (II) (14:30-15:30)

time	title	presenter
14:30	Biogeochemical bases used in ecological modelling (II)	CHRISTEL PINAZO

Sedimentary record of Hg and Pb (Sagua la Grande, Cuba)

(15:30-16:30)

time	title	presenter
15:30	Sedimentary record of Hg and Pb (Sagua la Grande, Cuba)	MISAEL DIAZ ASENCIO

Establishing biogeochemical budgets according to the LOICZ protocol

(16:30-17:30)

time **title**

presenter

16:30	Establishing biogeochemical budgets according to the LOICZ protocol	CHRISTIAN GRENZ
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Thursday 29 May 2008

AMS: an ultra-sensitive technique for the measure of chronometers and other tracers in marine natural archives

(09:00-10:30)

time	title	presenter
09:00	AMS: an ultra-sensitive technique for the measure of chronometers and other tracers in marine natural archives	CLAUDIO TUNIZ

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

A new mechanistic modular ecological model. Eco3M tool (11:00-12:00)

time	title	presenter
11:00	A new mechanistic modular ecological model. Eco3M tool	CHISTEL PINAZO

Lagoon and coastal processes (12:00-13:00)

time	title	presenter
12:00	Lagoon and coastal processes	MIRO GACIC

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

Up-to-date marine technologies applied to coastal studies (14:30-15:30)

time	title	presenter
14:30	Up-to-date marine technologies applied to coastal studies	PIERRE M. POULAIN

Turbulence and wave breaking induced energy, resuspension processes (15:30-16:30)

time	title	presenter
15:30	Turbulence and wave breaking induced energy, resuspension processes	JEAN-PIERRE LEFEBVRE

Remote sensing technique in coastal studies: present and future (16:30-17:30)

time	title	presenter
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16:30	Remote sensing technique in coastal studies: present and future	ELENA MAURI
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Friday 30 May 2008

Application of natural radium isotopes and radon to assess submarine groundwater discharge and coastal water mixing rates (09:00-10:30)

time	title	presenter
09:00	Application of natural radium isotopes and radon to assess submarine groundwater discharge and coastal water mixing rates	JOSELENE DE OLIVEIRA

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

Model improvement and new numerical tools for the marine process representation (11:00-12:00)

time	title	presenter
11:00	Model improvement and new numerical tools for the marine process representation	VINCENZO ARTALE

Long-term observations in coastal areas: a key tool for detecting changes (12:00-13:00)

time	title	presenter
12:00	Long-term observations in coastal areas: a key tool for detecting changes	MAURIZIO RIBERA D'ALCALÀ

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

Modelling lagoon ecosystem. A case-study: Venezia, Italy (14:30-15:30)

time	title	presenter
14:30	Modelling lagoon ecosystem. A case-study: Venezia, Italy	ANDREA BERGAMASCO

Cienfuegos Bay: a case-study on sedimentation processes evaluation (15:30-16:30)

time	title	presenter
15:30	Cienfuegos Bay: a case-study on sedimentation processes evaluation	CARLOS ALONSO HERNANDEZ

Round table: "Looking into the future of marine environmental science" (16:30-18:00)

time	title	presenter
16:30	Round table: "Looking into the future of marine environmental science"	CHAIR: CLAUDIO TUNIZ

Monday 02 June 2008

-(09:00-09:00)

GROUP 1

Laboratory Training CEAC

Pascal Douillet

Hydrodynamics and hydrodynamic modeling in the coastal zone.

GROUP 2

Laboratory Training CEAC

Christel Pinazo, Maurizio Ribera

Use of Eco3M model, sensitivity analysis of various modeling options to environmental forcing

time	title	presenter
09:00	-	

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

(14:30-17:30)

GROUP 1

Laboratory Training CEAC

Christel Pinazo, Maurizio Ribera

Use of Eco3M model, sensitivity analysis of various modeling options to environmental forcing.

GROUP 2

Laboratory Training CEAC

Pascal Douillet

Hydrodynamics and hydrodynamic modeling in the coastal zone.

time	title	presenter
14:30	(no title)	

Tuesday 03 June 2008

(09:00-09:00)

GROUP 1

Laboratory Training CEAC

Christel Pinazo, Maurizio Ribera

Use coupled physical-ecological model, sensitivity analysis of various modeling options to environmental forcing.

GROUP 2

Laboratory Training CEAC

Vincenzo Artale, Andrea Bergamasco

Simplified numerical simulation

GROUP 1

Laboratory Training CEAC

Vincenzo Artale, Andrea Bergamasco

Simplified numerical simulation

GROUP 2

Laboratory Training CEAC

Christel Pinazo, Maurizio Ribera

Use coupled physical-ecological model, sensitivity analysis of various modeling options to environmental forcing.

time	title	presenter
09:00	(no title)	

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

_(14:30-17:30)

GROUP 1

Laboratory Training CEAC

Christel Pinazo, Maurizio Ribera

(Cont.)

GROUP 2

Andrea Bergamasco, Vincenzo Artale

POM vs ROMS

GROUP 1

Laboratory Training CEAC

Andrea Bergamasco, Vincenzo Artale

POM vs ROMS

GROUP 2

Christel Pinazo, Maurizio Ribera

(Cont.)

time title

presenter

14:30	-	
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Wednesday 04 June 2008

(09:00-09:00)

GROUP 2

Laboratory Training CEAC

Roberta Delfanti, Misael Diaz, Carlo Papucci

Data reduction and analysis:

Core sectioning

Methodology for sediment treatment

Data analysis

Recent sediment dating

Sediment accumulation rate models

Sediment mixing models

GROUP 1

Laboratory Training CEAC

Vincenzo Artale, Andrea Bergamasco

Simplified numerical simulation (cont.)

GROUP 2

Laboratory Training CEAC

Christel Pinazo, Maurizio Ribera

(Cont.)

time	title	presenter
09:00	(no title)	

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

(14:30-17:30)

GROUP 2

Laboratory Training CEAC

Miro Gacic

Estimation of water and sediment fluxes using ADCP measurements.

Pierre Poulain

Estimation of surface and subsurface currents and transports using drifters and flotas.

Elena Mauri

Description of mesoscale features using remote sensing techniques.

GROUP 2

Laboratory Training CEAC

Vincenzo Artale, Andrea Bergamasco

Simplified numerical simulation (cont.)

time	title	presenter
14:30	(no title)	

Thursday 05 June 2008

General Discussion

(09:00-10:30)

time	title	presenter
09:00	General Discussion	

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

LABORATORY TRAINING: Coupled physical-ecological models (1) (11:00-13:00)

time	title	presenter
11:00	LABORATORY TRAINING: Coupled physical-ecological models (1)	C. PINAZO, M.RIBERA, E. MAURI

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

LABORATORY TRAINING: Coupled physical-ecological models (2) (14:30-16:30)

time	title	presenter
14:30	LABORATORY TRAINING: Coupled physical-ecological models (2)	C. PINAZO, M.RIBERA, E. MAURI

Friday 06 June 2008

General discussion (08:00-10:30)

time	title	presenter
08:00	General discussion	

Coffee break (10:30-11:00)

time	title	presenter
10:30	Coffee break	

Presentation by participants (11:00-13:00)

time	title	presenter
11:00	Presentation by participants	

Lunch (13:00-14:30)

time	title	presenter
13:00	Lunch	

Closing session (14:30-16:30)

time	title	presenter
14:30	Closing session	