



Workshop: "Advancing in the understanding and modeling of the hydrosedimentological and biogeochemical processes in the Río de la Plata Estuary"

UMI-IFAECI Theme 9: Physical processes in coastal areas and the Río de la Plata Estuary

April 8th to 10th, 2015

Local Organizing Committee

Ana Dogliotti, Claudia Simionato and Diego Moreira

Secretaries: Giuliana Berden, Matías Dinapoli, Ornella Silvestri and Emiliano Pardiñas

Topics and institutions:

Topic	Argentina	France
Modeling	Centro de Investigaciones del Mar y la Atmósfera CIMA/CONICET-UBA UMI-IFAECI	Environnements et Paléoenvironnements Océaniques et Continentaux EPOC/CNRS-UB
Remote sensing	Instituto de Astronomía y Física del Espacio IAFE/CONICET-UBA UMI-IFAECI	Laboratoire d'Océanographie de Villefranche-sur-Mer LOV/CNRS-UPMC
Wind waves	Servicio de Hidrografía Naval SHN	
In situ data	Instituto Nacional de Investigación y Desarrollo Pesquero INIDEP	
CARP/FREPLATA II	Secretaría de Ambiente y Desarrollo Sustentable SAyDS	
FIPCA	Fundación Interactiva para Promover la Cultura del Agua	

Argentinean participants	Students
Diego Moreira (CIMA-UMI)	Giuliana Berden
Ana Dogliotti (IAFE-UMI)	Ornella Silvestri
Claudia Simionato (CIMA-UMI)	Matías Dinapoli
Walter Dragani (SHN-UMI)	Emiliano Pardiñas
Graciela Molinari (INIDEP)	Andrés Pescio
Vivian Lutz (INIDEP)	Guadalupe Alonso
Marco Vermaasen (SAyDS)	Emilio Echevarría
Julio Urien/Bill Davidson (FIPCA)	Guido Baccino
French Participants	Iael Perez
David Doxaran (LOV)	
Alexandra Coynel (EPOC)	
Eric Maneux (GEO Transfert)	



Agenda:

Wednesday, April 8th

Venue: IAFE Conference Room (IAFE building)

9:20 to 9:50 Welcome and motivation (Raconteur Ana Dogliotti):

Brief description of the importance and impact of the Río de la Plata; geografic setting and forcings of the hydrosedimentological processes. Aims of the UMI and motivation for this workshop (why are we here?). Introducing the participants.

9:50 to 10:20 Invited talk:

9:50 to 10:20 Alexandra Coynel: previous works in estuaries (30')

10:20 to 10:50 Coffee break

10:50 to 11:50 Invited talk

10:50 to 11:20 David Doxaran: Remote sensing the dynamics and fluxes of suspended particles in estuaries (30')

11:20 to 11:50 Eric Maneux: Introducing GEO Transfert (30')

11:50 to 12:40 Participants talks (1) (15' plus 5' for questions). Moderator and Raconteur Diego Moreira

11:50 to 12:10 Ana Dogliotti/Vivian Lutz: remote sensing and bio-optic properties in the RDP

12:10 to 12:30 Walter Dragani: Observation, modeling and trends of wind wave parameters at the Outer RDP. Impacts on the coastal erosion at the Samborombón Bay.

12:40 to 14:10 Lunch

14:10 to 15:40 Participants talks (2) (15' plus 5' for questions). Moderator and Raconteur Walter Dragani

14:10 to 14:30 Graciela Molinari: In situ observation of physical processes in the RDP and data bases. Graciela Molinari in representation of Carlos Lasta: Oportunities for in situ observation at the intermediate and exterior RDP and association with fisheries (trackers, PNA, fishermen, etc.)

14:30 a 14:50 Claudia Simionato: Hydrodynamic processes in the Río de la Plata.

14:50 a 15:20 Carolina Vera (invited speaker): Climate Variability and Change in southeastern South America.

15:20 a 15:50 Coffee break



15:50 to 15:40 Participants talks (3) (15' plus 5' for questions). Moderator and Raconteur Vivian Lutz

15:50 to 16:10 Diego Moreira: Sedimentological processes in the Río de la Plata.

16:10 a 16:30 Marco Vermaasen: Projects for the Binational Monitoring of the RDP

16: 30 a 16:50 Bill Davidson: FIPCA projects to support science in the RDP

16:50 to 17:30 Conclusions and discussion (Raconteurs present their notes and Ana and Claudia close the session)

Thursday, April 9th

Working sessions

Venue: Meeting rooms DCAO and CIMA (Pabellón II)

9.30 a 10:00 Working groups organization. Coordinator: Ana Dogliotti/Claudia Simionato

Aims: exploring ideas for cooperation; fixing objectives to be achieved during the workshop; splitting into two working groups (WG)? Or thinking on an integrated proposal?. Proposed groups:

- WG1: interested in discussing ideas for cooperation in physical and biogeophysical processes modeling. Coordinator: Alexandra Coyne
- WG2: interest in discussing ideas for cooperation in remote sensing of physical and bio-optical properties. Coordinator: David Doxaran

10:00-11:20 Split sessions (1).

Objective proposed: review/formulate scientific questions of common interest (SQ)

11:20 a 11:40 Coffee break

11:40-13:00 Split sessions (2).

Objective proposed: What should/can we do to answer the SQ?

13:00-14:30 Lunch

14:30-14:45 Joint session (1).

WG1 and WG2 join to present and discuss the SQ and what we should/can do to answer them. (Alexandra and David bring the results of each group)

14:45 a 15:00 Talk

Funding opportunities for french-argentinean scientific cooperation and fellowships/trainees Alexis Hannart/Diego Moreira

15:15-17:00 Split sessions (3).

Objective proposed: Ideas for proposals



16:00-16:20 Coffee break

Friday, April 10th

9:30-10:00 Joint session (2).

WG1 and WG2 join to present and discuss ideas for proposals

10:00-11:00 Split sessions (4).

Objective: Organization looking to the near future, who do what

11:00-11:30 Coffee break

11:30-12:30 Split sessions (5).

Write down everything! Timeline. Who do what and when?

12:30-13:00 Joint session (3).

WG1 and WG2 join to homogenize both work plans

13:00-13:30 Final remarks & Farewell