



UMI-IFAECI Workshop

## **Role of the Malvinas Current on the Patagonia Continental Shelf dynamics and biophysical environment**

Buenos Aires, 24-26 June 2013

### **Agenda**

#### **Monday 24**

9:00-9:20 Registration

9:20-9:30 Welcome and organization

9:30-11:00 Participants presentations (1), moderators: M. Marrari and V. Palastanga

- Alejandro Bianchi, SHN-UBA, Balance de CO<sub>2</sub> en la PCS y en la CM. Avances sobre la diferenciación de efectos biológicos y termodinámicos sobre el flujo de CO<sub>2</sub>
- Diana Ruiz-Pino, UPMC, Siliceous and Calcareous phytoplankton across the Patagonian Sea and CO<sub>2</sub> pump
- Silvia Romero, SHN-UBA, Malvinas Project. Satellite ocean color characterization of the proposed transects
- Viviana Alder, UBA-CONICET, Microbial communities of the Argentine Shelf waters and adjacencies

#### **11:00-11:30 Coffee break**

11:30-13:00 Participants presentations (2), moderators: S. Romero and O. Iribarne

- Claudio Campagna, WCS-CONICET, Areas marinas protegidas moviles como paradigma de la conservacion de especies y espacios
- Marina Marrari, SHN-CONICET, Environmental variability and reproductive success of marine fishes
- Virginia Palastanga, SHN-CONICET, Modeling primary production and carbon fluxes on the Patagonian Shelf
- Pedro Flombaum, UBA-CONICET, Bacterial biogeography

#### **13:00-14:15 Lunch**

14:15-16:00 Participants presentations (3), moderators: M. Acha and P. Flombaum

- Hermes Mianzán, INIDEP-CONICET, Highlights on the biology of Patagonian Shelf. Avoiding the "one way ticket"
- Osmar Moller, FURG, Oceanography at FURG: next steps to understand shelf dynamics and its interactions with open sea
- Raul Guerrero, INIDEP, Properties distribution and dynamics affecting habitats in the continental shelf
- Oscar Iribarne, CONICET-UNMDP, Are downwelling processes important in connecting primary production with fisheries?
- Veronique Garçon, CNRS, Inferring CO<sub>2</sub> fluxes from space: a multiscale approach



### **16:00-16:15 Coffee-break**

16:15-18:00 Participants presentations (4), moderators: O. Moller and R. Reta

- Elbio Palma, UNS-CONICET, Modeling of Shelf/Slope Current Interactions.
- Barbara Franco, UNS-CONICET, Coupled benthic-pelagic processes in the Patagonian shelf break
- Alberto Piola, SHN-UBA-CONICET, International ongoing projects in the SWA and questions addressed
- Christine Provost, CNRS, Lessons and perspectives from the DRAKE project
- Martin Saraceno, UBA-CONICET, CNES project and UMI-IFAECI financing opportunities

### **18:30-21:00 Cocktail**

## ***Tuesday 25***

9:00-9:30 Working groups organization

We split into two groups and we fix objectives to be achieved during the workshop. Working groups proposed:

WG1: interested to write a more physical proposal

WG2: interested to write a more biogeochemical proposal

9:30-11:00 Split sessions (1). Objective proposed: review/formulate scientific questions (SQ)

### **11:00-11:30 Coffee break**

11:30-13:00 Split sessions (2). Objective proposed: What we can we do to answer the SQ?

### **13:00-14:30 Lunch**

14:30-15:00 Joint session (1). WG1 and WG2 join to present and discuss the SQ

### **15:00-15:30 Coffee break**

15:30-17:30 Split sessions (3). Objective proposed: How can we do it?

17:30-18:30 Joint session (2). WG1 and WG2 join to present and discuss how they propose to answer SQs

**20:00 Ad-hoc dinner in a restaurant nearby**

## ***Wednesday 26***

8:30-10:30 Split sessions (4). Objective: Organization looking to the near future, who do what

### **10:30-11:00 Coffee break**

11:00-12:30 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