

# International Blue Carbon Scientific Working Group

October 20-23, 2014

Rio Grande, Brazil

AGENDA

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Coordinating organizations:

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CONSERVATION  
INTERNATIONAL



United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission

Workshop partner organizations:

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*The*  
WALTON FAMILY  
FOUNDATION

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## Day 1 – Monday, 20<sup>th</sup> October 2014

Venue: Centro de Convívio dos Meninos do Mar (Center of Sea Boys Training)

<b>15:30</b>	<b>Meet in hotel lobby and walk to venue together</b>
	<b>Welcome</b>
<b>16:00</b>	Margareth Copertino, Institute of Oceanography – FURG
<b>16:10</b>	Lauro Barcelos, Director of Oceanographic Museum – FURG
<b>16:20</b>	José Henrique Muelbert, Director of Institute of Oceanography - FURG
	<b>Introduction</b>
<b>16:30</b>	Emily Pidgeon – Introduction to Blue Carbon Initiative: Review of Recent Work of the Scientific Working Group and Blue Carbon Science
<b>16:45</b>	Steve Crooks – Blue Carbon in International Policy: Achievements and Future Perspectives
<b>17:00</b>	Jennifer Howard – Workshop agenda and expected outcomes
<b>17:30</b>	<b>Welcome Reception and Blue Carbon Manual Launch Party</b>
<b>19:00</b>	Back to the hotel (by bus or on foot), dinner on your own

## Day 2 – Tuesday, 21<sup>st</sup> October 2014

Venue: Instituto Federal de Educação do Rio Grande do Sul

<b>8:30</b>	<b>Meet in hotel lobby to bus to venue</b>
<b>Session 1</b>	<b>Brazil: Wetlands and Carbon Science (Moderator: Margareth Copertino)</b>
<b>9:00</b>	Joel Creed – The Distribution, Abundance and Conservation Status of Seagrass Meadows along the Brazilian Coast
<b>9:20</b>	Oscar Iribarne & Cesar Costa - State of the Science: Salt Marshes in South America
<b>9:40</b>	Mario Soares – Carbon stock and Sequestration in Mangroves along the Brazilian Coast

## Day 2 – Continued

Venue: Instituto Federal de Educação do Rio Grande do Sul

<b>10:00</b>	<b>Coffee Break</b>
<b>10:20</b>	Gustavo Duque Estrada - Global patterns of aboveground carbon stock and sequestration of mangroves
<b>10:40</b>	Paulo Pagliosa - Geophysical and climate drivers in mangrove aboveground biomass across American Coast
<b>11:00</b>	Tiago Osório Ferreira - Coastal wetland soils: pedogenetic processes and its environmental implications
<b>11:20</b>	Discussion
<b>12:00</b>	<b>Lunch</b>
<b>Session 2</b>	<b>Indonesia: Wetlands and Carbon Science (Moderator: Daniel Alongi)</b>
<b>13:00</b>	Andreas Hutahaean- Mangrove Monitoring
<b>13:20</b>	Boone Kauffman- Dynamics of Carbon Stocks and Land Use in Indonesian Mangroves
<b>13:40</b>	Jim Fourqurean- Estimates of Seagrass Carbon Storage
<b>14:00</b>	Tonny Wagey- Indonesian Government Blue Carbon Priorities
<b>14:20</b>	Discussion
<b>15:00</b>	<b>Coffee Break</b>
<b>Session 3</b>	<b>Coastal Ecosystem Mapping (Moderator: Emily Pidgeon)</b>
<b>15:20</b>	Faiz Rahman - Seagrass mapping in TX and Mangrove mapping in Indonesia
<b>15:40</b>	Miguel Fortes - Seagrass Mapping in the Philippines: Perception Survey to Satellite Imagery
<b>16:00</b>	Marc Simard - Mapping mangrove extent, height and biomass globally
<b>16:20</b>	Discussion
<b>17:00</b>	<b>Close – Bus back to the hotel</b>
<b>18:00</b>	<b>Meet in hotel lobby to go to Gaucho’s BBQ Restaurant</b>

## Day 3 – Wednesday, 22<sup>st</sup> October 2014

Venue: Instituto Federal de Educação do Rio Grande do Sul

**8:30** Meet in hotel lobby to bus to venue

**Session 4** Break out Groups (conducted simultaneously)

Brazil – Led by Margareth Copertino

Assessment and synthesis of local and regional policy related to blue carbon and coastal ecosystems in Brazil, including prioritization of ongoing research needs.

**9:00**

Indonesia – Led by Daniel Alongi

Assessment and synthesis of available blue carbon data for coastal ecosystems in Indonesia, including prioritization of research and policy needs.

**10:30** Coffee Break

**10:45** Continue break out groups

**12:00** Lunch

**Session 4** Break out groups report back

**13:00** Summary of the morning discussion highlighting scientific needs and next step

**Session 5** Blue Carbon Science Updates (Moderator: Jennifer Howard)

**14:00** Leah Glass - An Overview of Blue Ventures' Mangrove Carbon Projects

**14:20** Ik Kyo Chung – Introduction of Blue Carbon Resources in Korea

**14:40** Jim Morris –Blue carbon opportunities in Basra and the new MEM 4.2

**15:00** Coffee Break

**15:20** Marco Quesada & Miguel Cifuentes – Update on Gulf of Nicoya & Central America

**15:40** Steve Emmett-Mattox – Tidal Wetland and Seagrass Conservation Methodology;

Opportunities and Next Steps

**16:00** Discussion

<b>Session 6</b>	<b>Socio-economic Issues Involving Blue Carbon (Moderator: Emily Pidgeon)</b>
<b>16:20</b>	Rinku Roy Chowdhury – Human dimensions of mangrove vulnerability and regional land system change
<b>16:40</b>	Viviane Fernandez - Blue Carbon research for what kind of Earth future? Socio-economical issues related to environmental science
<b>17:00</b>	Discussion
<b>17:30</b>	<b>Close – Bus back to the hotel, dinner on your own</b>

## Day 4 – Thursday, 23<sup>st</sup> October 2014

### Venue: Field Trip

<b>9:00</b>	<b>Meet in hotel lobby</b>
	<b>Morning: Patos Lagoon Estuary and Coastal Vegetation</b>
	Ilha da Polvora: Ecomuseum, walking, views over the estuary and salt marshes Estuary by boat
<b>12:00</b>	<b>Lunch at Marinheiros Island</b>
	<b>Afternoon Tour</b>
	Mouth of Patos Lagoon estuary and Break Waters Cassino Beach “Banhados” (Fresh water marshes)
<b>17:00</b>	<b>Arrive back at the hotel, dinner on your own</b>