

International Blue Carbon Scientific Working Group

October 29-30, 2013
IOC- UNESCO HQ, Paris France

AGENDA



Coordinating organizations:



Workshop partner organizations:



Day 1 – TUESDAY, 29 OCTOBER 2013

LOCATION – room XIII, UNESCO Annex, 1 rue Miollis, 75015 Paris

09:00 **Welcome**
 Luis Valdes - UNESCO Intergovernmental Oceanographic Commission
 Hyun Taek Lim - IOC

09:10 **Introductions**
 Emily Pidgeon - Conservation International

SESSION 1 Mapping Tidal Marshes

Moderator: Emily Pidgeon – Conservation International

09:30 **Introduction to remote sensing challenges**
 Neil Saintilan – NSW Department of Environment and Heritage
 Pat Megonigal – Smithsonian Environmental Research Center

09:50 **Presentation of proposed methodologies, results and limitations**
 Chandra Giri – U.S. Geological Survey

First method

10:10 Faiz Rahman – Indiana University
Second Method

10:30 **Break**

10:50 **Mapping Tidal Marshes [continued]**
Moderator: Neil Saintilan – NSW Department of Environment and Heritage

Marc Simard - NASA

Third Method

11:10 **Existing maps of salt marshes**
 Jan-Willem van Bochove - UNEP-WCMC

11:30 **Discussion**

- *Comparison of methodologies;*
- *Determining change over time;*
- *What is necessary for a global mapping effort;*
- *Funding possibilities;*
- *Initial testing; and*
- *Full scale global mapping*

12:30 LUNCH

13:30 Production of draft report – Small groups

SESSION 2 - Recent Blue Carbon Developments

Moderator: Jennifer Howard – Conservation International

14:30 Recent carbon stock assessments

Boone Kauffman – Oregon State University

14:50 Seagrass meadows as globally significant carbonate reservoir

Nuria Marba - Instituto Mediterráneo de Estudios Avanzados

15:10 Break

15:30 Beyond Blue Carbon: Coastal engineers discover a new material

Carlos Duarte - Instituto Mediterráneo de Estudios Avanzados

15:50 Using blue carbon science in seaweed aquaculture industry

Ik Kyo Chung – Pusan National University

16:10 Carbon Footprint: Building with nature solutions relative to conventional solutions

Femke Tonneijck – Weland International

16:30 ESA activities on coastal ecosystem services

Torsten Bondo – European Space Agency

16:50 Closing remarks

Emily Pidgeon – Conservation International

17:00 Close

18:30 – 20:30 EVENING RECEPTION

Day 2 – WEDNESDAY, 30 OCTOBER 2013

LOCATION – room XIII, UNESCO Annex, 1 rue Miollis, 75015 Paris

09:00 **Welcome and review of yesterday**
Emily Pidgeon – Conservation International

SESSION 3 - Mapping Seagrasses

Moderator: Jim Fourqurean – Florida International University

09:00 **The state of knowledge of global seagrass distributions – successes, challenges**
Jim Fourqurean – Florida International University

09:30 **Defining regional seagrass distributions using in-water surveys**
Jim Fourqurean – Florida International University

10:00 **Remote sensing of seagrasses on a regional/global scale**
Richard Zimmerman – Old Dominion University

10:30 **Break**

11:00 **Breakout groups:**

- *Develop a list of case studies of successful application of remote sensing to mapping seagrasses;*
- *Develop a list of known challenges to remote sensing;*
- *Discuss pros and cons of different remote sensing platforms; and*
- *Discuss best methods for collecting field data*

12:30 **Lunch**

SESSION 4 – Policy Impacts

Moderator: Iginio Emmer - Silvestrum

13:30 **Coastal Blue Carbon in US Federal Policy: Opportunities and science needs**
Ariana Sutton Grier – NOAA

14:30 **Policy Questions Identified in the Fifth IPCC Report**
Hillary Kennedy – University of Bangor

14:45 What's Next: Emerging science and policy questions [Discussion]

Igino Emmer - Silvestrum

15:30 Break

SESSION 5 - Ongoing Development of the Working Group

Moderator – Steve Crooks, ESA PWA

15:45 Progress and accomplishments over the past several years

Emily Pidgeon – Conservation International

16:00 Discussion on Future Objectives and Products

- *Current goals and where we need to go next;*
- *Challenges and opportunities; and*
- *Funding*

17:00 Closing remarks and announcements