

INTERNATIONAL BLUE CARBON SCIENTIFIC WORKING GROUP
4th WORKSHOP, 9-11 OCTOBER 2012, ANNAPOLIS, MD, U.S.A.

AGENDA

LOCATION

O'Callaghan Hotel Annapolis
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TUESDAY, OCTOBER 9th

09:00 Welcome

Emily Pidgeon, Conservation International

Steve Crooks, ESA PWA

Participant Introductions

BLUE CARBON ECONOMICS:

09:30 Economic Potential of Blue Carbon for Restoration and Conservation

Linwood Pendleton, *Director of Ocean and Coastal Policy, Duke University and Acting Chief Economist, NOAA*

10:30 Break

OVERVIEW OF U.S. TIDAL WETLANDS AND CARBON:

Moderator: Steve Crooks

11:00 Overview of North American Tidal Wetlands

Andrew Baldwin, *University of Maryland*

11:30 Overview of Carbon Pools in North American Tidal Wetlands

Patrick Megonigal, *Smithsonian Environmental Research Center (SERC)*

12:00 Lunch

13:00 Blue Carbon Opportunities and Challenges in Chesapeake Bay

Brian Needleman, *University of Maryland*

13:30 Overview of NOAA wetland science and activities

Carolyn A. Currin, *NOAA*

Discussion: Potential of coastal carbon in US coastal management and conservation.

RECENT WETLAND CARBON DEVELOPMENTS:

14:30 Managing Coastal Wetland Retreat for Carbon Sequestration Benefits for the Lower Hunter Ramsar Site, NSW Australia

Neil Saintilan, *NSW Department of Environment*

15:00 Break

15:30 Optimising and Managing Coastal Carbon: Sequestration and Mitigation Opportunities Across the Australian Landscape

Anissa Lawrence, *TierraMar Consulting*

16:00 Developing a Global Saltmarsh Map

Neil Saintilan, *NSW Department of Environment*

16:30 IPCC Guidelines: Ongoing Development and Issues

Steve Crooks, *ESA-PWA*

16:45 Showing of UNEP “Blue Carbon” video by Jim Toomey (Sherman’s Lagoon artist)

17:00 Close

WEDNESDAY, OCTOBER 10th

DEVELOPING BLUE CARBON CREDITS:

Moderator: Emily Pidgeon, CI

09:00 Verified Carbon Standard: Progress and Challenges for Wetlands

Patrick Megonigal, *SERC*

Discussion

ALLOCTHONOUS CARBON SOURCES AND FATE AFTER WETLAND SUBMERGENCE:

Moderator: Patrick Megonigal, *SERC*

**10:00 Contributions of Mineral and Organic Components to Tidal Marsh
Accretion**

Scott Neubauer, *Virginia Commonwealth University*

10:30 Break

11:00 Thoughts on Accounting for Allocthonous Carbon Sources

Brian Bergamaschi, *US Geological Survey*

11:30 Thoughts on Fate of Soil Carbon after Wetland Submergence

Martin Rabenhorst, *University of Maryland*

Discussion

12:30 Lunch

ONGOING WORKING GROUP ACTIVITIES:

Moderator: Emily Pidgeon, CI

13:30 Review of Blue Carbon Activities Globally

Allison Bredbenner, *Conservation International*

14:00 Discussion: Salt Marsh Research and Other Needs

Moderators: Steve Crooks, *ESA-PWA* & Patrick Megonigal, *SERC*

14:30 Break

15:00 Blue Carbon Field Manual Developments – continued

Maciej Telszewski, for *Intergovernmental Oceanographic Commission (IOC) of UNESCO*

17:00 Close

THURSDAY, OCTOBER 11th

08:00 Depart O'Callaghan Hotel in Annapolis

08:30 Arrive at Schmidt Center, SERC

08:40 Welcome from Director and overview of SERC — Anson Hines

Overview of current research at SERC

Mangrove Invasion of Tidal Marshes — Ilka Feller

Phragmites Invasion of Tidal Marshes — Dennis Whigham

Coastal Hypoxia — Denise Breitburg

Ocean Acidification — Whitman Miller

10:30 Field site visits

The SERC Stream Weir Network — Thomas Jordan

SI-Global Ecological Observatory Tree Plot — Jess Parker

11:30 Lunch & overview of Global Change Research Wetland

12:30 Walking tours through Global Change Research Wetland

13:30 Departure for select members of group

14:30 — 16:30 Boat cruise; return to SERC for departure