

RECOVER SCIENCE MEETING AGENDA

Tuesday March 1, 2016 – 9:00am till 5:00pm

Wednesday March 2, 2016 – 8:30am till 4:30pm

Location:

South Florida Water Management District
Building B-I Auditorium
3301 Gun Club Road
West Palm Beach, FL 33406

Teleconference information

Call in number: 1-877-336-1829
Access Code: 5013574
Security Code: 1234

Webinar Information

Web meeting Address: <http://www.webmeeting.att.com>
Meeting Number and Access code: Same as Above

Purpose: Provide a forum for the scientific community to discuss RECOVER restoration science in support of the CERP program and foster discussions to improve communication and collaboration with the active CERP projects as well as share new and currently hot topics in South Florida science.

Tuesday March 1, 2016

9:00am – 9:15 – Welcome, Meeting Overview, RECOVER 2000-2015 Snapshot – Patti Gorman (SFWMD)

Southern Coastal Systems Session (9:15 AM – 12:30 PM)

9:15 – 9:30 – Introduction – Dave Rudnick (ENP) /Amanda McDonald (SFWMD)

Florida Bay Seagrass Die off

9:30 – 9:45 - Summary presentation on the issue - Dave Rudnick (ENP)

9:45 – 10:15 - Panel discussion – Where do we go from here in Florida Bay?

Panel Members: Dave Rudnick (ENP), Fred Sklar (SFWMD, Chris Kelble (NOAA), Penny Hall (FFWC), Chris Madden (SFWMD) and Christopher Kavanagh (ENP)

BREAK – 10:15 – 10:30

RECOVER Role/Science Guidance during Design, Construction and Implementation Phases

10:30 – 10:45 - Introduction – communication/coordination between science and project management during design, construction and implementation phases – Patrick Pitts (USFWS) and Gretchen Ehlinger (USACOE)

10:45 – 11:15 - Picayune Strand Restoration Project - Mike Duever (Natural Ecosystems LLC)

11:15 – 11:30 - BBCW L-31E Pilot Test - Bahram Charkhian (SFWMD)

11:30 – 11:45 - C-111SCWP - Chris Madden (SFWMD)

11:45 – 12:30 Panel Discussion – Communication/coordination between science and project management during the design, construction, and implementation phases. Panel Members: Mike Duever, Bahram Charkhian, Andy Loschiavo (USACOE), Matt Morrison (SFWMD), Dave Rudnick, Janet Starnes (SFWMD), Steve Baisden (USACOE)

12:30 – 1:30 LUNCH

Greater Everglades Region Session (1:30 – 4:30 PM)

1:30 – 1:45 – Greater Everglades Introduction – System-wide Science in support of CERP implementation – Agnes McClean (ENP)

CERP Projects and Adaptive Management Field Tests

1:45 – 1:55 - Broward County Water Preserve Area (BCWPA) project overview and future timeline - David Colangelo (SFWMD)

1:55 – 2:05 - Decomp Physical Model results on stage and flow that could support PM update - Colin Saunders (SFWMD)

2:05 – 2:15 - Modified Water Deliveries and G3273 test objectives and flow-stage monitoring - Jed Redwine (ENP)

2:15 – 2:25 - Loxahatchee Impoundment Landscape Assessment (LILA) experiments and tree island uncertainties -Tom Dreschel (SFWMD)

2:25 – 3:00 - Panel discussion – Synthesis and System-wide science

Panel Members: Fred Sklar (SFWMD), Colin Saunders (SFWMD), Jed Redwine, and Tom Dreschel

Moderator: Agnes McLean

3:00 – 3:15 – BREAK

- 3:15 – 3:25 - NSRSM results from reports and significance to everglades planning, implementation, and science - Agnes McLean
- 3:25 – 3:35 - Landscape Hydrologic Variability PM – Fred Sklar
- 3:35 – 4:15 - Panel Discussion - Using NSRSM and other metrics for hydrologic performance measure evaluation and verification
Panel Members: Agnes McLean, Jennifer Barnes/Walter Wilcox (SFWMD), Joel Trexler (FAU), Laura Brandt (FIU), Leonard Pearlstine (UF) and Frank Marshall (Cetacean Logic Foundation Inc.)
Moderator: Andy LoSchiavo (USACOE)
- 4:15 – 4:30 - Greater Everglades Wrap-Up – Fred Sklar
- 4:30 - 4:35 - Public Comment
- 4:35 – 4:45 – Wrap up for the day – Barry Rosen (USGS)**

EVENING – NO HOST SOCIAL – Location TBD

Wednesday, March 2, 2016

- 8:30 – 8:45 Welcome to day #2 and Looking Forward - April Patterson (USACOE)**

Northern Estuaries Session (8:45 AM – 12:30 PM)

- 8:45 – 8:50 – Introduction – Gretchen Ehlinger (USACOE)

West Coast Projects

- 8:50 – 9:05 - C-43 Overview- Project Description, Schedule and Operating Plan - Janet Starnes (SFWMD)
- 9:05 – 9:15 – C-43 Monitoring Plan – Peter Doering (SFWMD)
- 9:15 – 9:30 - Vallisneria Restoration Success in the C-43 - David Ceilley (Johnson Engineering)
- 9:30 - 9:45 – Caloosahatchee SAV summary and Epiphyte project - James Douglass (FGCU)
- 9:45 – 10:00 - Oyster Monitoring Status in the Caloosahatchee - Aswani Voley (U of NC)
- 10:00 – 10:30 - Panel Discussion – C-43 Projects/Science Coordination
Panel Members: Janet Starnes, David Ceilley, James Douglas, Aswani Voley

BREAK – 10:30 – 10:45

East Coast Projects

10:45 – 11:00 - C-44 Overview- Project Description, Schedule, Monitoring Plan and Operating Plan - Beth Kacvinsky (SFWMD)

11:00 – 11:15 – Smithsonian Marine Research Institute's Benthic Infauna (SMRI) - Jessica Lunt/Michelle Stephens (SMRI)

11:15 – 11:30 - Oyster Monitoring Status in the St. Lucie Estuary - Melanie Parker (FFWC)

11:30 – 12:00 - Panel Discussion – C-44 and the use of RECOVER science for Adaptive Management

Panel Members: Beth Kacvinsky, Jessica Lunt, Michelle Stephens, Melanie Parker

12:00 – 1:00 – LUNCH

Lake Okeechobee Session (1:00 – 4:00 PM)

1:00 – 1:05 – Introduction to Lake Okeechobee – Andy Rodusky (SFWMD)

New Lake Science

1:05 – 1:15 - Satellite Imagery for Algae Bloom Monitoring - Rich Botta

1:15 – 1:25 - Wading Birds - Dale Gawlik (FAU)

1:25 – 1:35 - Wading Bird Foraging Prediction Model and Bolus Study - Mike Baranski

1:35 – 1:45 - Marsh Bird Study - Mike Baranski (SFWMD)

1:45 – 1:55 - Cattail Control in the Littoral Marsh - Chuck Hanlon (SFWMD)

1:55 – 2:05 - Marsh/Nearshore Vegetation Sites - use of Sonar for mapping - Chuck Hanlon

2:05 – 2:15 - Emergent Veg Decomposition and Nutrient Cycling Rates - Tom James (SFWMD)

2:15 – 2:25 - Marsh Throw Trapping in Three Habitats - Andy Rodusky

2:25 – 2:40 – BREAK

Update on Projects in the Region

2:40 – 2:50 - Kissimmee River Restoration Project: Update as Relates to Changes in the Watershed and Lake - Steve Bousquin (SFWMD)

2:50 – 3:00 - Lake O Watershed Projects: Lakeside Ranch, Taylor Creek and Nubbin Slough STAs: update on their operation, water storage and nutrient removal - Odi Villapando (SFWMD)

3:00 – 3:10 - Nutrient Load Trends: in the watershed - Joyce Zhang (SFWMD) and in Lake O - Tom James

3:10 – 3:20 - Wetland Reserve Projects: update on amount and function of wetland projects in the watershed - Steve Schubert (USFWS)

3:20 – 3:30 - Herbert Hoover Dike Repair Update - Ingrid Bon (USACOE)

3:30 – 4:00 - Panel Discussion - Reductions in watershed nutrient loads to the lake, Potential benefits and impacts from planned watershed storage projects, and discussion of lake stage on in-lake ecological performance measures.

Panel Members: Dale Gawlik, Tom James, Bruce Sharfstein, Odi Villapando, Joyce Zhang, Steve Schubert and Andy Rodusky.

4:00 – 4:10 - Public Comment

4:10 – 4:30 – Meeting Summary and Wrap up – Fred Sklar