

**THE WETLANDS WORKSHOP  
OCTOBER 21 THRU OCTOBER 24, 2002  
HOLIDAY INN  
ATLANTIC CITY, NEW JERSEY**

**MONDAY AFTERNOON, OCTOBER 21**

- 9:00 am  
to  
5:00 pm      Registration - Victoria Ballroom, Howard Johnson
- 1:00 pm      **Welcome and Workshop Logistics:**  
**Ralph J. Spagnolo**, Office of Environmental Programs  
U.S. Environmental Protection Agency, Region III
- 1:10 pm      **Opening Remarks:**  
**Kathy Hodgkiss**, Environmental Services Division  
U.S. Environmental Protection Agency, Region III

**SESSION I: EDUCATION AND VOLUNTARY PROGRAMS IN WETLAND PROTECTION**

Moderator:

- 1:30 pm      **Robert Tucker**, StonyBrook-Millstone Watershed Association, *Integrating Models of Citizens Perceptions, Metal Contaminants, and Wetlands Restoration in an Urbanizing Watershed*
- 1:45 pm      **Richard White**, Allegheny Ecological Consulting, Inc., *An NGO and the USDA-NRCS Wetland Reserve Program Collaborate to Establish an Environmental Education Facility in Rural Southwestern New York*
- 2:00 pm      **Julie Hajdusek**, StonyBrook-Millstone Watershed Association, *Educating the Public About Wetlands*
- 2:15 pm      Questions and Answers
- 2:30 pm      Break

**SESSION II: WETLAND RESTORATION PROJECTS: CASE STUDIES**

- Moderator:      **Mick Kulik**, U.S. Environmental Protection Agency
- 3:00 pm      **Lenore P. Tedesco**, Purdue University at Indianapolis, *The LILLY ARBOR Project: An Experiment in Urban Riparian Restoration*
- 3:15 pm      **Gian Dodici**, U.S. Fish and Wildlife Service, *Landowner Friendly Habitat*

*Restoration - Build It and They Will Come*

- 3:30 pm **Rich K. Mogensen**, Marsh Resources Inc., *Bottomland Hardwood Wetland/Stream Restoration – 2 Case Studies in North Carolina*
- 3:45 pm **Tom Barthelmeh**, Delaware Department of Natural Resources and Environmental Control, *Wetland Restoration in Marginal Agricultural Fields*
- 4:00 pm Questions and Answers

**SESSION III: EVALUATION OF COMPENSATORY MITIGATION**

Moderator: **Francis Reilly**, The Reilly Group, Inc.

- 4:15 pm **Paul Minkin**, U.S. Army Corps of Engineers, New England District, *Studying Success of Federally-Required Wetland Mitigation in New England*
- 4:30 pm **Dave Fanz**, New Jersey Department of Environmental Protection, *Evaluation of Mitigation Success in New Jersey*
- 4:45 pm **David S. Morgan**, Halff Associates, *Status and Effectiveness of Wetland Mitigation Banking in Texas*
- 5:00 pm Questions and Answers
- 5:30 pm Social Hour - Scribbles Café, Holiday Inn

**TUESDAY MORNING, OCTOBER 22**

**SESSION IV: WETLAND IDENTIFICATION: HYDRIC SOILS AND HYDROLOGY ISSUES**

- Moderator: **Mary Anne Thiesing**, U.S. Environmental Protection Agency
- 9:00 am **Katy Read**, Aston University, *Experimental Determination of Evapotranspiration Rates of Wet Woodland Habitat in England*
- 9:15 am **Marty Rabenhorst**, University of Maryland, *Hydric Soils Derived from “Problematic” Red Parent Materials*
- 9:30 am **Kelly Smith**, Virginia Polytechnic Institute, *Correlation Between Hydric Soil Field Indicators and Water Table Height in Southeast VA*
- 9:45 am **Marty Rabenhorst**, University of Maryland, *Anomalous Bright Loamy Soils of the Mid-Atlantic Coastal Plain*
- 10:00 am Break

## **SESSION V: WETLAND ASSESSMENT METHODS AND SOILS**

Moderator: **Lenore Vasilas**, Natural Resources Conservation Service

10:30 am **Mary S. Peterson**, Tennessee Technological University, *Modification of an HGM Low Gradient, Riverine Guidebook to Facilitate Rapid Assessment of Routine Wetland Projects*

10:45 am **Lenore Vasilas**, Natural Resources Conservation Service, *Physical and Chemical Properties of Soils in Mid-Atlantic Piedmont Wetlands*

11:00am **Leander Brown**, Natural Resources Conservation Service, *Soils of Depressional Wetlands in the Mid-atlantic Region*

11:15 am **Marty Rabenhorst**, University of Maryland, *Hydric Soils of Flood Plains in the Mid-Atlantic Piedmont*

11:30 am **Paola Gastezzi**, Universidad Nacional in Costa Rica, *Characterization for Five Different Habitats in the Surroundings of the Gandoca Lagoon and Use Evaluation for the Associated Bird Communities in the Wildlife National Refuge Gandoca Manzanillo in Costa Rica*

11:45 am Questions and Answers

12:00 pm Lunch - Constitution Ballroom, Holiday Inn

## **TUESDAY AFTERNOON**

## **SESSION VI: EXPLORING INDICATOR STATUS CHANGES FOR SELECTED WETLAND PLANT SPECIES**

Moderator: **Ginger Mullins**, U.S. Army Corps of Engineers, Huntington District

1:00 pm **Steve Martin**, U.S. Army Corps of Engineers, Norfolk District, *Testing Proposed Changes to the Northeastern Wetland Plant List in the Virginia Coastal Plain*

1:15 pm **Lenore Vasilas**, Natural Resources Conservation Service, *Woody Plant Species Important to Wetland Delineations on the Delmarva Coastal Plain*

1:30 pm **Ralph Spagnolo**, U.S. Environmental Protection Agency, *Interagency Comments to the Proposed Revisions of the National Wetlands Plant List*

1:45 pm **James Schmid**, Schmid and Company, Inc, *NWI Wetland Indicator Status - What Are the Differences Between 1988 and 1997 Indicators for Plants in the Mid-Atlantic States?*

2:00 pm Questions and Answers

2:15 pm Break

**BREAKOUT SESSION:**

2:45 pm *Compensatory Wetland Mitigation Issues*

**SESSION VII: WETLAND IDENTIFICATION: THE APPLICATION OF SPECTRAL REMOTE SENSING**

Moderator: **Karl Szekiolda**, City University of New York

4:00 pm **Karl Szekiolda**, City University of New York  
*Spectroscopic Identification and Delineation of Wetlands*

4:10 pm **Sheng-Hei Chang**, Geophysical & Environmental Research Corp.,  
*Imaging Spectrometry of Wetlands*

4:30 pm **Vic Klemas**, University of Delaware  
*Application of Remote Sensing to Wetlands Management*

5:00 pm **Hyo Jin Ahn**, City University of New York,  
*Remote Sensing Data Requirements for Wetland Mapping Along the South Shore Estuary, Long Island*

5:15 pm Questions and Answers

6:30 pm  
to  
11:00 pm Mixer - Constitution Ballroom, Holiday Inn

**WEDNESDAY MORNING, OCTOBER 23**

**SESSION VIII: PROTECTING OUR NATION'S ISOLATED WETLANDS**

Moderator: **Andy Dinsmore**, U.S. Environmental Protection Agency, Region III

9:00 am **Judy Broersma-Cole**, Maryland Department of the Environment, *Vernal Pool Regulation in Maryland*

9:15 am **Andy Dinsmore**, U.S. Environmental Protection Agency, Region III, *The Role of Compensatory Mitigation in Wetlands Enforcement*

9:30 am **Jack Kerns**, U.S. Army Corps of Engineers, San Francisco District, *SWANCCs for the Memories: Federal Wetlands Jurisdiction After Solid Waste Agency of Northern Cook County vs. U.S. Army Corps of Engineers*

9:45 am Questions and Answers

10:00 am Break

### **SESSION IX: WETLAND TREND ANALYSIS & MANAGEMENT: USING GEOGRAPHICAL INFORMATION SYSTEMS (GIS)**

Moderator: **Jeff Lapp**, U.S. Environmental Protection Agency

10:30 am **Stephen J. Brady**, Natural Resources Conservation Service, *Geographical Distribution of Wetland Changes in the U.S., 1992-1997*

10:45 am **David J. Fallon**, New York Department of Environmental Control, *Tidal Wetlands Losses In New York State*

11:00 am **Micheal Aurelia**, Greenwich Inland Wetland Agency, *Using GIS as a Tool to Improve Municipal Regulation of Inland Wetlands and Watercourses in Greenwich, Connecticut*

11:15 am Questions and Answers

11:30 am Summary of Breakouts

12:00 pm Lunch - Constitution Ballroom, Holiday Inn

### **WEDNESDAY AFTERNOON**

### **SESSION X: WETLAND PROTECTION STRATEGIES I**

Moderator: **Jeff Thompson**, Maryland Department of the Environment

1:30 pm **Richard I. Gee**, Montgomery County Government, Maryland, *The Montgomery County Interagency Wetlands Coordinating Committee*

1:45 pm **Francisco Artigas**, Rutgers University, *Wetland Vegetation Reflectance Variability for Species Level Classification of Hyperspectral Data*

2:00 pm **Eileen K. Straughan**, Straughan Environmental Services, Inc., *Evaluating the Inter-Relationships Between Wetlands, Stream Stability, and Stormwater*

*Management. Do Current Practices Adequately Address the Direct and Indirect Effects of Development?*

2:15 pm Questions and Answers

2:30 pm Break

## **SESSION XI: WETLAND PROTECTION STRATEGIES II**

Moderator: **Francis Reilly**, The Wetlands Work Group

3:00 pm **Gary E. Raulerson**, Sarasota Bay National Estuary Program, *Nursery Fish Utilization of Several Natural and Restored Intertidal Habitats in Sarasota Bay, Florida*

3:15 pm **Nancy Kuntzleman**, Northeast Division Naval Facilities Engineering Command, *Wetlands Protection Plan for Naval Security Group Activity Winter Harbor Maine*

3:30 pm **Christoper Spaur**, U.S. Army Corps of Engineers, Baltimore District, *Coastal Wetlands Evolution Patterns and Processes: Their Implications for Coastal Wetlands Management in Developed Estuaries*

3:45 pm Questions and Answers

4:00 pm Adjourn

## **THURSDAY MORNING, OCTOBER 24**

9:00 am Field Trip to The Pine Barrens