



Assessing the Health of Wetland Life: Policy, Science and Practice

May 14-16, 2001

Orlando, Florida

The national meeting of the U.S.
Environmental Protection Agency's
Biological Assessment of Wetlands
Workgroup (BAWWG)



In partnership with the
Izaak Walton League of America, Inc.



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Hotel Map



Field Trips

Wednesday, May 16

12:00pm-5:00pm

All field trip buses leave from the front entrance to the Sheraton World Resort at 12pm and return to the hotel by approximately 5pm. If you are registered for a field trip, please board the bus by no later than 11:50am. If you are not registered for a field trip, but would like to register, please stop by the registration desk by no later than 11:30am. Box lunches are provided.

Eastbrook Wetland MacroInvertebrate Study

Lake Proctor Wilderness Area, Florida

Visit this largely unimpacted wetland in Florida's Lake Proctor Wilderness Area and learn about a baseline study of macroinvertebrates being conducted at the site. Dana Denson from the Florida Department of Environmental Protection will present results of the study and will demonstrate techniques used to characterize macroinvertebrates using the site and to track seasonal changes in their populations.

Hands-on Demonstration of Monitoring Techniques

Orlando, Florida

Learn a variety of biological monitoring techniques used by scientists from across the country. This trip will involve visiting a local wetland, demonstrations of a variety of techniques, and a chance for participants to try these techniques first-hand.

Orlando Wetlands Park

Orlando, Florida

Learn about how this 1,200 acre wetland/wastewater reclamation system treats effluent from the Iron Bridge Waste Water Treatment Plant prior to discharge to the St. Johns River. If time permits, the group will visit a second treatment wetland that incorporates both constructed and natural wetlands to treat wastewater effluent from Orange County's Easterly Waste Water Treatment Plant. Boardwalks offer interesting wildlife viewing opportunities at both sites.

Disney Wilderness Preserve - Solutions Course

Kissimmee, Florida

Please note, buses from this field trip will not return to the conference hotel until 6:00pm.

The Nature Conservancy's Disney Wilderness Preserve is located just south of Orlando at the headwaters of the Everglades ecosystem in the Kissimmee River Valley. The preserve encom-

passes more than 12,000 acres of swamps and pine flatlands, and is home to bald eagles, Florida scrub-jays, wood storks, southeastern big-eared bats, gopher tortoises, eastern indigo snakes, and hundreds more animal species. Founded through a partnership between the Walt Disney Company, The Nature Conservancy, and members of the regulatory and conservation communities, the preserve represents cooperative problem solving at its finest. The solutions course allows participants to experience four unique habitat types through guided exploration and completion of hands-on activities. The course focuses on the history of the preserve and the partnerships formed. Participants will be challenged to think about how environmental issues in their communities can be solved cooperatively, using the Disney Wilderness Preserve Model.

Central Florida Zoo

Sanford, Florida -

Learn more about wetlands in the field at one of Florida's most popular attractions. In addition to exhibits on native Florida wildlife and animals from around the world, the zoo features a boardwalk through a swamp. Zoo naturalists will demonstrate educational activities they use to introduce wetlands to groups of all ages. See wetland animals up close as zoo naturalists discuss their biology and behavior. Also, all participants will have a chance to explore zoo exhibits at their leisure. Handicapped accessible.

SeaWorld

Orlando, Florida

Learn how marine animal experts care for manatees, sea turtles, and other injured animals during an in-depth and behind-the-scenes tour of the theme park's animal rehabilitation facility. Learn about SeaWorld's groundbreaking veterinary techniques, endangered species breeding success, and animal rescue and rehabilitation programs. Also, learn more about sharks, manatees, and dolphins through a guided walking tour. All participants will have time to explore the park's exhibits on their own after the guided programs. Handicapped accessible.

American Wetlands: Keep 'Em Native

Archie Carr Wildlife Preserve, Brevard County, Florida

Give back to the local community and participate in American Wetlands Month (May) 2001 project. The month's theme is American Wetlands: Keep 'Em Native. Participants will learn about the efforts of the Marine Resources Council to remove exotic Brazilian Pepper from the Indian River Lagoon area and restore native mangrove wetlands. Participants will learn the basics of invasive plant removal and will help restore a wetland area by removing this plant.

BAWWG National Meeting Schedule

Monday, May 14 - The Policy

Indian-Pacific Ballroom

<u>Time</u>	<u>Topic</u>	<u>Speaker/Affiliation</u>
7:30-8:30 a.m.	Registration with Continental Breakfast	
8:30-8:45 a.m.	Kick-off and Welcome	John Meagher , Director, Wetlands Division, U.S. Environmental Protection Agency
8:45-8:50 a.m.	Orientation	Doug Hoskins , U.S. Environmental Protection Agency
8:50-9:50 a.m.	Keynote Address: Monitoring the Progress of the Everglades Restoration Project	John Ogden , South Florida Water Management District
9:50-10:00 a.m.	Break	
10:00-10:45 a.m.	Introduction to Bioassessment Protection	Tom Danielson , Maine Department of Environmental Protection
10:45-11:30 a.m.	EPA's National Wetlands Monitoring Strategy	Doreen Vetter , U.S. Environmental Protection Agency
11:30-12:15 p.m.	Implementing State Wetland Monitoring Programs	Ellen McCarron and Russ Frydenborg , Florida Department of Environmental Protection
12:15-1:30 p.m.	Lunch (on your own)	

Panel Presentations: *Wetland Bioassessment, Playing A Role in...*

1:30-2:00 p.m.	...State Government	John Mack , Ohio Environmental Protection Agency
2:00-2:30 p.m.	...Tribal Government Panel	Bill Dunson , Seminole Tribe, Florida
2:30-3:00 p.m.	...Federal Government	Chris Faulkner , U.S. Environmental Protection Agency
3:00-3:15 p.m.	Break	

Concurrent Session: 3:15pm-5:30pm Indian-Pacific Ballroom

Panel Presentations: Wetland Bioassessment, Playing A Role in...

3:15-3:45 p.m.	...County Government	Klaus Richter , King County, Washington
3:45-4:15 p.m.	Discussion	
4:15-5:00 p.m.	Incorporating Volunteers into Wetland Monitoring	Anna Hicks , University of Massachusetts

Concurrent Session - 3:45pm-6:00pm Coral A-B

Roundtable Discussion on BAWWG Research Needs

3:45-6:00 p.m.	Designate Uses for Wetlands Wetland Classification Wetlands With Little or No Water Reference Conditions	Mike Eli , North Dakota Department of Health Mark Brown , University of Florida John Mack , Ohio Environmental Protection Agency Jeanne Difranco , Maine Department of Environmental Protection
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Tuesday, May 15 - The Science

Indian-Pacific Ballroom

<u>Time</u>	<u>Topic</u>	<u>Speaker/Affiliation</u>
7:30-8:30 a.m.	Continental Breakfast	
8:30-8:45 a.m.	Introduction	Doug Hoskins , U.S. Environmental Protection Agency
8:45-9:45 a.m.	Keynote Address: The Value of Bioassessment	Jim Karr , University of Washington
9:45-10:00 a.m.	Break	
10:00-10:45 a.m.	Wetland Classification: A First Step	Naomi Detenbeck , U.S. Environmental Protection Agency
10:45-11:30 a.m.	The Human Disturbance Gradient	Denise Wardrop , Penn State University
11:30-12:15 p.m.	The Mechanics of Metrics and The Index of Biological Integrity	Billy Teels , Natural Resources Conservation Service
12:15-1:15 p.m.	Lunch (on your own)	
1:15-2:00 p.m.	Reference Sites for Assessment and Restoration	Mark Brinson , East Carolina University
2:00-2:45 p.m.	Study Design for Monitoring Wetlands	Lynne Trulio , San Jose State University, California
2:45-3:00 p.m.	Break	

3:00-5:00 p.m. Concurrent Sessions for Individual Biological Assemblages

Track 1 - Indian-Pacific Ballroom	Track 2 - Coral A-B
3:00-3:40 Amphibians - <i>Don Sparling, U.S. Geological Survey</i>	3:00-3:40 Birds - <i>Paul Adamus, A.R.A., Inc.</i>
3:40-4:20 Algae - <i>Jan Stevenson, Michigan State University</i>	3:40-4:20 Macroinvertebrates - <i>Judy Helgen, Minnesota Pollution Control Authority</i>
4:20-5:00 Vascular Plants - <i>Siobhan Fennessy, Kenyon College, Ohio</i>	4:20-5:00 Fish - <i>Jon Brazner, U.S. Environmental Protection Agency</i>

Wednesday, May 16 - The Practice

Indian-Pacific Ballroom

<u>Time</u>	<u>Topic</u>	<u>Speaker/Affiliation</u>
7:30-8:30 a.m.	Continental Breakfast	
8:30-8:45 a.m.	Introduction	Doug Hoskins , U.S. Environmental Protection Agency
8:45-9:45 a.m.	Feature Case Study:	Randy Apfelbeck , Montana Department of Environmental Quality
9:45-10:15 a.m.	Break	
10:15-11:15 a.m.	Poster Session (Arctic Ballroom) - Individual Wetland Bioassessment Projects (ME, ND, FL, MA, NY, NC, WI, WA, MD)	
11:15-12:00 p.m.	Discussion (Indian-Pacific Ballroom)	
12:00 - 5:00 p.m.	Field Trips (Descriptions listed on back)	