

The 2002 Annual Meeting of the Hudson-Delaware Chapter of SETAC brings us to a new location, the New Jersey Meadowlands Environment Center, in Lyndhurst, NJ. This Center is perched over the Kingsland Creek Marsh in the Hackensack River estuary on the eastern face of an old landfill. The Visitors Center is glass enclosed, and offers a breathtaking view of the Meadowlands and the Manhattan skyline. These facilities offer a unique blend of both indoor and outdoor facilities to continue with our tradition of offering a wide and interesting variety of short courses and activities. The agenda is designed to allow both day trippers, as well as overnighters to participate. Dress for the entire meeting is casual.

Student Poster and Manuscript Contest

Posters and manuscripts are invited on all topics of environmental toxicology, chemistry, or ecology. The first-place prize for student manuscript is travel expenses to attend the national SETAC meeting in 2002 (up to \$1,000). Students must submit a poster and manuscript for first-place prize. Second and third prizes will be cash awards. Manuscript and poster deadline is 04/01/02. Submit your manuscript to Paul Paquin (ppaquin@hydroqual.com (201)529-5151) HydroQual, Inc., One Lenthbridge Plaza, Mahwah, NJ 07430.

Students, also look for our first annual Job Fair.

Posters are invited on all topics of environmental toxicology and chemistry from both students and professionals.

<http://www.hdcsetac.org>

<http://cimic.rutgers.edu/meri>

2002 Full Corporate Sponsors

AMEC Earth & Environmental Inc.

American Aquatic Testing, Inc.

Aqua Survey, Inc.

Entrix, Inc.

Exxon Mobil, Inc.

GlaxoSmithKline Corporation

HydroQual, Inc.

Lawler, Matusky & Skelly, LLP

Merck & Co., Inc.

PMC Environmental

Rohm and Haas Company

2002 Associate Corporate Sponsors

B-H Laboratories

Gannett Fleming, Inc.,

Lancaster Laboratories

Ocean & Coastal Consultants, Inc.

For further information about the upcoming meeting, contact either of the meeting co-chairs:

Betty Jane Boros-Russo
Office of Quality Assurance, NJDEP
Bboros@dep.state.nj.us (609) 777-4092

Christopher Nally
American Aquatic Testing
Cybercerio@aol.com (610) 434-9015

Dr. Kirk Barrett
Meadowlands Environmental Research Inst.
Kbarrett@cimc.rutgers.edu (973) 353-5026

Hudson/Delaware Chapter of SETAC



2002 Annual Meeting



New Jersey
Meadowlands Commission
Environment Center
Lyndhurst, New Jersey

Co-Sponsored by:
MEADOWLANDS
ENVIRONMENTAL RESEARCH
INSTITUTE

April 25-26, 2002

The first announcement of the 2002 Annual Meeting of the Hudson/Delaware Chapter of the Society of Environmental Toxicology and Chemistry.

April 25-26, 2002

HDC-SETAC Annual Meeting April 25-26, 2002 Tentative Meeting Agenda

Thursday, April 25, 2002

8:30 - 9:00	Registration
9:00 - 12:00	Short Courses & Activities
12:00 - 1:30	Lunch
1:30 - 4:30	Short Courses & Activities
4:30 - 6:30	Poster Social
6:30 - 9:00	Dinner, Speaker & Social

Friday, April 26, 2002

6:30 - 8:00	Bird Walk
8:00 - 8:30	Registration
8:30 - 11:30	Invited Speakers
11:30 - 12:30	Awards Presentation
12:30 - 1:30	Lunch
1:30 - 2:30	Keynote Speaker
2:30 - 3:30	Business Meeting and Adjournment

MERI

MERI was established in 1998 as a collaboration between the NJMC and Rutgers University's Center for Information Management, Integration and Connectivity, which administers MERI. MERI conducts and sponsors research in ecology, environmental science and information technology that are significant to the Meadowlands.

Our Traditional Friday AM birdwalk takes on a whole new perspective this year. Join local bird experts and discover why the Meadowlands is a major birding "hot spot".

Speakers and Topics

Our speakers and topics this year will cover varied subjects of environmental policy and protection.

The environmental movement started with bioaccumulation of pesticides in birds of prey. Four decades later we are still finding bioaccumulation of organic compounds in birds. **Dr. Joanna Burger** of Rutgers will share some of the latest on how chemicals are impacting the behavior of avian wildlife.

Mr. Timoth Iannuzzi of BBL Sciences will discuss the NRDA process and recent cases from around the U.S., including the guidance and approaches used to assess damages from chemical releases. A key focus of this presentation will be how to develop and achieve viable restoration goals that are balanced in terms of ecological and human use needs.

The Magnusen-Steven's Act mandates protection of key habitats for all fish and shellfish in marine and estuarine waters. Implementation of this act has resulted in a whole new field for biologists and ecologists: Essential Fish Habitat assessments. **Mr. Lou Chianelli** of NOAA's National Marine Fisheries Service will share with us details on the act and essential fish habitat assessments.

Short Course & Activities

Pontoon Cruise Enjoy cruising the wetland habitat along the Hackensack River on pontoon boats as you learn about the local ecology.

Canoe Safari in Sawmill Creek Visit the best canoeing trails in the Meadowlands found in the Sawmill Creek Wildlife Management Area.

Short Course & Activities (continued)

Aquatic Toxicology This course will cover the basics involved in aquatic toxicology. Get ready for a hands-on demonstration with live test organisms.

Introduction to Analytical Instrumentation Learn how chemists conduct organic and inorganic analyses using the Atomic Absorption Spectrometer, Gas Chromatograph and Ion Chromatograph.

Marsh Ecology Come along for a walk on the Marsh Discovery Boardwalk and stop for a hands-on investigation of the biota inhabiting the surrounding estuarine habitat.

Geographic Information System/Remote Sensing Dive into the latest computerized technology with a hands-on introduction to these valuable tools.

Ecological Risk Assessment This course will provide a general overview of the CERCLA 8-step process, the methods used in the evaluation of ecological risk and the preparation of BEEs.

Environmental Dredging David Morgan of Aqua Survey will discuss the practical limits of eco-dredging.

Wetland Mitigation/Restoration Learn about wetland creation, restoration and monitoring as you visit salt marsh restoration sites in the Meadowlands.

Multimedia Sampling Conduct sediment and surface water sampling using a variety of field equipment aboard the R/V Robert E. Hayes, a 72-foot, self propelled lift boat.

Contaminant Bioaccumulation in Aquatic Environments Mark Reiss of EPA Region II will discuss the development of tissue residue-based guidance levels for interpreting ecological risks associated with accumulation of contaminants in the aquatic environment.