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New Jersey Section
American Water Resources Association
P.O. Box 7814, West Trenton, New Jersey 08628
http://www.awra.org/state/new_jersey



Wetland Creation and Enhancement: The New Jersey Experience



Annual Conference
of the New Jersey Section of the
American Water Resources Association
at the Hackensack Meadowlands
Development Commission,
Lyndhurst, Bergen County, NJ
Friday, September 15, 2000

*Cosponsored by
Hackensack Meadowlands Development Commission and
Meadowlands Environmental Research Institute*

Purpose

Although wetland creation and enhancement is a relatively new field, there have been many such efforts in New Jersey and around the country. If and when these efforts are successful, and even what is meant by success, is a matter of considerable debate. This conference seeks to explore the issue further, presenting both case studies and synoptic views on the achievement and meaning of success in wetland creation and enhancement.

For a firsthand judgement on success, the conference includes a tour of salt marsh creation/enhancement sites. We will visit the completed Phase 1 of the Marsh Resources Meadowlands Mitigation Bank and HMDC's Mill Creek Wetland Enhancement Site, as well as the Hartz Mountain Mitigation Site, which was completed over 10 years ago. If time permits, we will also visit HMDC's recently-completed Harrier Meadow Wetland Enhancement Area.

Keynote Speaker

Dr. Jean Marie Hartman is Associate Professor of Landscape Architecture at Rutgers University in New Brunswick, New Jersey. Dr. Hartman's research is focused on advancing the emerging science of ecological restoration. Through this research, she integrates her training in botany, landscape architecture and ecology.

She has published numerous scientific research papers in such journals as "Oikos" and "American Journal of Botany". She was a featured speaker at the "Art and Science of Wetland Restoration" symposium at the recent Annual Meeting of the American Association for the Advancement of Science.

Who Should Attend?

- State, county and municipal officials & planners
- State, county and municipal engineers
- Environmental and Engineering consultants
- Environmental Commissioners
- Watershed associations
- Soil conservation districts
- Concerned citizens

Agenda (online at http://www.awra.org/state/new_jersey)

9:00 AM Registration & Refreshments 12:30 PM Lunch and Keynote Speaker
Defining, quantifying and measuring
9:30 AM Welcoming Remarks success in wetland restoration
Alan J. Steinberg, HMDC Executive Dir.
Robert Uhrig, AWRA President
*Dr. Jean Marie Hartman, Dept. of Landscape
Architecture, Rutgers University, NJ*

SESSION I

9:45 AM Creating an Indicator of Wetlands 1:30 PM Field trip* to Marsh Resources Meadow-
Status in New Jersey: Quantity and lands Mitigation Bank and HMDC
Quality wetland enhancement site(s)
Marjorie B. Kaplan, Research Scientist,
NJ DEP, Division of Science, Research
and Technology and Steven Balzano,
Amy S. Greene Environmental Consultants,
Inc.
3:30 PM Teaching about wetlands: Tour and
discussion of outdoor educational sites
and programs at the HMDC complex.
(Optional post-conference tour)
HMDC environmental education staff

Woodbridge River wetlands restoration
*John Sacco, NJDEP Office of Natural
Resource Damages*

Two years of monitoring a created
forested wetland: The Route 130 Bypass
Mitigation, Hightstown, NJ
*Jeff York, Environmental Scientist, A.D.
Marble and Company*

* Field trip will go rain or shine -- be prepared! Boots will be helpful
for walking across wet and muddy ground. You must pre-register to
be guaranteed a spot on bus for the field trip. Day-of-event regis-
trants will be accommodated on the field trip on a space-available
basis. Private cars cannot be accommodated on the field trip because
of access and parking restrictions.

Any conference questions should be directed to:

11:00 AM Break Kirk Barrett, Conference Chair
Ph: (973)353-5026, Fax (973)353-5808
kbarrett@cimic.rutgers.edu

SESSION II

11:15 AM Coastal Wetlands Restoration on 12:00 PM
Delaware Bay
*Ken Strait, Estuary Enhancement
Program, PSE&G Co.*

Three Wetlands Restoration Projects by
the Hackensack Meadowlands Develop-
ment Commission - Case Studies
*Ken Scarlatelli, Senior Wetland Scientist,
HMDC*

The Meadowlands Mitigation Bank:
Year Two Update
*Mark Renna, Vice President of
Environmental Sciences,
Louis Berger Group*

DIRECTIONS TO HMDC:
NJ Turnpike Exit 16W to Rt. 3 West; approx. 1 mi. to Route 17
South (Lyndhurst exit). Turn left at first traffic light onto
Polito Ave. Go straight to end of Polito Ave.; turn left onto
Valley Brook Ave. Follow this road 1.5 miles to it's end into
HMDC complex. (approx. 1 1/2 miles).

Garden State Parkway or Rt. 21 to Rt. 3 East. Take Rt. 17
South/Polito Ave. exit; continue straight onto Polito Ave. Then
follow directions above. Call 201-460-1700 if you get lost.

See: <http://www.hmhc.state.nj.us/directions.html> for detailed
driving directions. Anyone arriving by train who would like
to be picked up at stations in Newark, Lyndhurst or Secaucus,
please contact Kirk Barrett (above).

Registration Form

*Wetland Creation and Enhancement:
The New Jersey Experience
September 15, 2000*

Auditorium of the Environment Center of the
Hackensack Meadowlands Development Commission
Lyndhurst, Bergen County, New Jersey
201-460-1700

Please Type or Print:

Name _____
First Middle Last

Employer/Organizational Affiliation _____

Title _____

Address _____

State _____ Zip _____

Phone (____) _____

Fax (____) _____

Name for Name Tag _____

E-mail: _____

(Conference pre-registration deadline
is September 8, 2000)

Please check the appropriate item:

The registration fee includes morning break, lunch,
conference materials and field trip.

\$75 Regular

\$60 New Jersey AWRA Members

\$30 Students

Please make check, money order or voucher payable to:

New Jersey Section AWRA

Mail to:

New Jersey Section AWRA

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