HUDSON RIVER ENVIRONMENTAL SOCIETY

2015
Hudson River Symposium:
Seeing the Hudson River in the 21st Century

Wednesday May 6th, 2015

Student Union Building
SUNY at New Paltz
New Paltz, New York

Speakers & Workshops 9:00-4:00
Reception and Poster Session 4:00-5:30

Today's Agenda

2015 Hudson River Symposium:
Seeing the Hudson River in the 21st Century

State University of New York at New Paltz, Student Union Building
May 6, 2015 8:00AM -5:30 PM

Agenda

8:00 – 8:45: Registration and Light Breakfast
8:45 – 9:00: Introductions & Announcements: CRREO & HRES

Observing Networks: Essential to Understand Coastal and Estuarine Processes (9:30 to 10:30)

9:00 – 9:45: The United States Integrated Ocean Observing System: A national-regional partnership working to provide new tools, observations, and forecasts to understand, manage, and protect our coastal environment. *Dr. Josh Kohut, Institute of Marine and Coastal Science, Rutgers University*

9:45-10:15: Hudson River Environmental Conditions Observing System – Science and Surprises on the Hudson River Estuary. *Dr. Stuart Findlay, Cary Institute of Ecosystem Studies*

10:15 – 10:45 Break

Developing the Tools for Science, Navigation and Emergency Response (10:45 – 12:15)

Mohawk River Ice Jam Monitoring Network. *Dr. Gary Wall, US Geological Survey, Troy, NY*

New York Harbor Observing & Prediction System (NYHOPS). *Dr. Nickitas Georgas, Urban Ocean Observatory at Davidson Laboratory, Stevens Institute of Technology*

Rivers and Estuary Observing Network (REON) II. *Dr. Timothy Sugrue, Beacon Institute for Rivers and Estuaries*

12:15 -1:00 – Lunch

Observing Networks: Essential for Resource Management, Navigation & Environmental Education (1:00 - 2:30)

A Collaborative Fish Tracking Network in the Tidal Hudson River.
Dr. Dewayne Fox, Delaware State University

A Marine User's Perspective: "This is great data, but what am I looking at?"
Capt. Scott Ireland, Hudson River Pilots Association

Teaching with HRECOS: Using Remotely Sensed Data to Frame Estuary Inquiry.
Ms. Margie Turrin, Lamont Doherty Earth Observatory of Columbia University & Mr. Steve Stanne, New York State DEC Hudson River Estuary Program/NYS Water Resources Institute at Cornell University

Mini-Workshops (2:45 – 4:00) (2 session: 3:00-3:25 & 3:35-4:00)

Environmental Science in the Classroom: Getting Your Hands wet with HRECOS Data –
Ms. Margie Turrin & Mr. Steve Stanne

YSI Observing Equipment: Ensuring Data Quality - *Mr. Michael Lizotte & Mr. Benjamin Clarke, Xylem-YSI*

HRECOS Data and Equipment – *Dr. Stuart Findlay & Mr. Gavin Lemley*

Track pollutants and plumes based on New York Harbor Observation and Prediction System (NYHOPS) forecasts in NOAA GNOME– *Dr. Nickitas Georgas, Mr. Benjamin Ganon*

4:00 PM – 5:30 PM – **Poster Session & Reception**

Conference Sponsors and Collaborators:

New Paltz STATE UNIVERSITY OF NEW YORK
CRREO Center for Research Regional Education and Outreach
Cary Institute of Ecosystem Studies — The science behind environmental solutions
HUDSON RIVER FOUNDATION for Science & Environmental Research
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When Data Quality Matters

GRADY MOORE MEMORIAL STUDENT AWARD FUND RAFFLE!

Don't forget to buy your raffle tickets!
Drawing during the Poster Session.

Raffle guided tours are on display at the Registration Table!

Tickets are:
1 for $1
6 for $5
14 for $10

All proceeds support student travel at this and future HRES conferences!

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HRECOS 5-Year Vision

Pick up a copy at the Registration Desk

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Thank you to all of today's Speakers, Workshop Organizers, and Poster Presenters!

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HRES would like to acknowledge and thank our 2015 Corporate and Institutional Members:

HDR Engineering, Inc.
Central Hudson Gas & Electric
Hudson River Foundation
Hudson Valley Community College

HRES also thanks our 2015 Individual Members

Your support makes today's event possible!

HRES Members Only Event

Source-to-Sink: Building Understanding of the Hudson River Watershed

An Evening at Norrie Point Environmental Center

May 29th 3:30 till 8:00PM

- Hudson River Presentations
- Pizza Dinner
- Meet with SUNY ESF Students
- Betty and the Baby Boomers performance!
- **2015 Members only** – *join today*!
- Free for members (+ 1 guest)

Click Here To Register

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Mark your calendar for the following upcoming event:

2015 Fall Eco-tour
"Restoration and Remediation"
Canoeing on Constitution Marsh with Audubon
Tour of West Point Foundry with Scenic Hudson

Registration Opens in August - - *Space is Limited*

If interested, please sign-up at the registration table!

Contact *Lucy Johnson* for more information

September 12, 2015

Award of Excellence

<u>Coming this Fall</u>:

HRES 2015 Awards Banquet and

Annual Membership Meeting

Location and Date to be Determined

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Spring 2016 Hudson River Symposium:

May 4, 2016 - 9:00-5:30

State University of New York at New Paltz

The Mohawk River:

People, Places, History, and the Environment

Membership Help Needed!

HRES is seeking a member volunteer
to maintain our website:

– Simple postings and content editing – on an as need basis
– Average commitment of less than ½ hour per week

If interested please see Jim Morrison at the Registration Table!

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2015 HRES Board of Directors

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Who We Are:

We are a nonprofit, non-advocacy organization that delivers the science behind Hudson Valley issues to citizens, scientists, and decision makers.

Our Mission:

To enable objective discussions, provide forums for research results, connect disparate views, and showcase the region's natural heritage.

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To become an HRES member, go to:
www.hres.org

….or go to the Registration Table and join today!

Find us on Linked-In and Facebook!