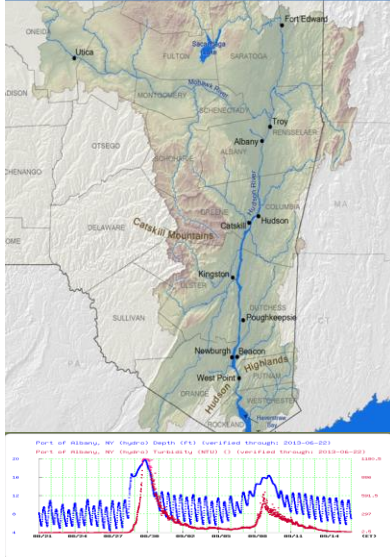




## HUDSON RIVER ENVIRONMENTAL SOCIETY



## 2015 Hudson River Symposium: *Seeing the Hudson River in the 21<sup>st</sup> Century*

Wednesday May 6<sup>th</sup>, 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 21<sup>st</sup> 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 Sogars, 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.

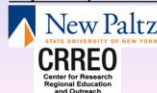
*Ms. Margie Turrin, Lamont Doherty Earth Observatory of Columbia University & Mr. Steve Stanne, New York State DEC Hudson River Estuary Program/NTS Water Resources Institute at Cornell University*

#### **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 Lenley*  
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:





## HUDSON RIVER ENVIRONMENTAL SOCIETY

### THANK YOU TO OUR SPONSORS AND COLLABORATORS



Many Brands, One Goal: *"Let's Solve Water"*



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!**

## **Outdoor Guided Tours Donated By:**



**Upstate  
Adventure  
Guides**

**John Dixon  
NYS Outdoor  
Guide**



**Destination  
Backcountry  
Adventures**



**Hike New York**



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Adventures**

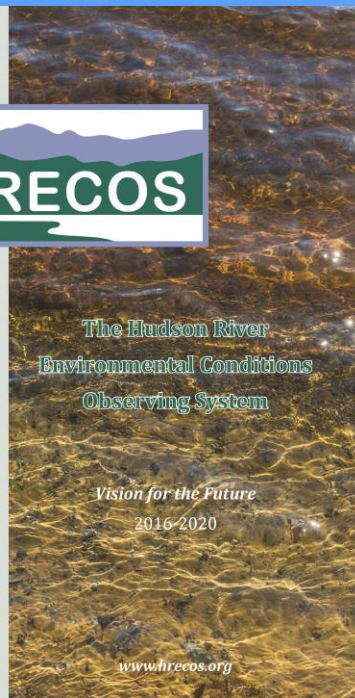


**Sweetwater  
Guide Service**



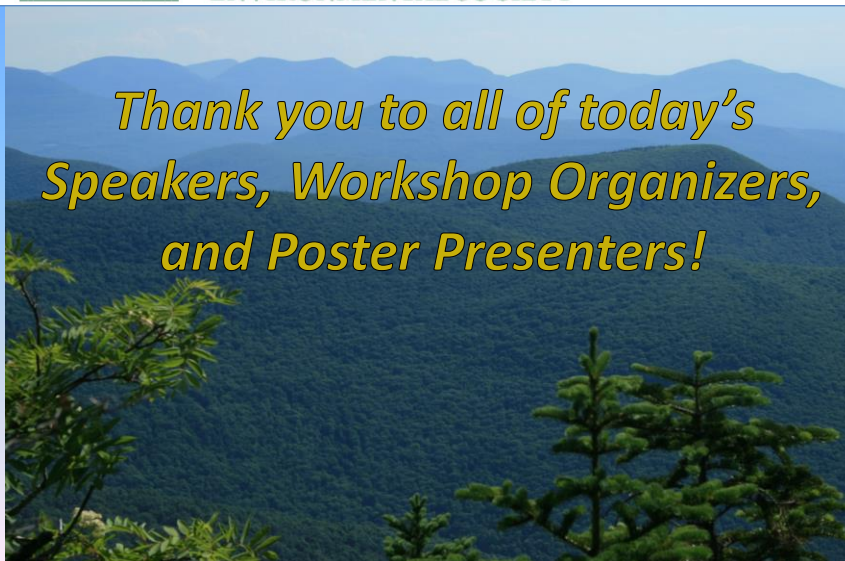
## ***HRECOS 5-Year Vision***

*Pick up a copy at the  
Registration Desk*



**HUDSON RIVER  
ENVIRONMENTAL SOCIETY**

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





**HUDSON RIVER**  
ENVIRONMENTAL SOCIETY

*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 29<sup>th</sup> 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)
- Registration Opens May 7th!



**HUDSON RIVER**  
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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**







**HUDSON RIVER  
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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!***



## HUDSON RIVER ENVIRONMENTAL SOCIETY

### 2015 HRES Board of Directors

Lucy Johnson - President

Chuck Nieder — Vice President

James Morrison - Treasurer

Chris DeRoberts- Secretary

Kali Bird

William Dey

Emilie Hauser

Betty Ketcham

Karin Limburg

Simon Litten

Douglas Robinson

Emma Rosi-Marshall



## HUDSON RIVER ENVIRONMENTAL SOCIETY

### ***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.





**HUDSON RIVER**  
ENVIRONMENTAL SOCIETY

*To become an HRES member, go to:*  
[www.hres.org](http://www.hres.org)

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

***Find us on Linked-In and Facebook!***