

**Please Register by September 19<sup>th</sup>**

Mail or fax the form below to:  
631-224-7653

**Please check the appropriate box(es):**

- I will attend the seminar on Oct. 2<sup>nd</sup>  
 I will attend the field trip on Oct. 3<sup>rd</sup>

**Name:** \_\_\_\_\_

**Representing:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
\_\_\_\_\_

**Phone:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Email:** \_\_\_\_\_

### **Directions**

From the LI Expressway (Route 495), take Exit 68 north (CR46) approx. 1.7 miles. Turn right into the Lab's Main Entrance.

Stop at the booth. You will need to check in with security. *Valid photo identification is required.* Proceed to the light, turn left onto Upton Road, right onto Brookhaven Ave., and Berkner Hall Auditorium is on the left. Free parking is available adjacent to Berkner Hall.

Please note: Non-U.S. Citizens must pre-register with the Laboratory. Please contact Tim Green at 631-344-3091 or [tgreen@bnl.gov](mailto:tgreen@bnl.gov)

Seminars will be broadcast live at:  
[www.bnl.gov](http://www.bnl.gov)

Central Pine Barrens Commission  
P.O. Box 587  
Great River, New York 11739-0587

## **Thirteenth Annual Pine Barrens Research Forum “Current Challenges & Future Solutions”**



*Ludwigia peploides*  
Water Primrose

**October 2<sup>nd</sup> & 3<sup>rd</sup>, 2008  
Brookhaven National Laboratory  
Berkner Hall  
Upton, New York**

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**Sponsored by:  
Brookhaven National Laboratory  
Central Pine Barrens Commission  
L.I. Groundwater Research Institute  
at Stony Brook, and the  
Foundation for Ecological Research  
in the Northeast (FERN)**

# Thirteenth Annual Pine Barrens Research Forum

## “Current Challenges and Future Solutions”

### Agenda

Thursday, October 2, 2008 – Seminars

**8:00 AM Registration & Coffee**

**8:30 AM Welcome**

Dr. Sam Aronson, Director of BNL;  
Maria Dikeakos, US DOE, Brookhaven Area Office;  
Peter A. Scully, Chair, Central Pine Barrens Commission and Regional Director, NYS DEC

**8:45 AM Making research count,**

Tim Green, FERN

**9:00 AM Growth and change in the wildland - urban interface,**

Susan Stewart, U.S. Forest Service

**9:30 AM NJ Pinelands Alternate Design Wastewater Treatment Systems**

**Pilot Program,** Edward Wengrowski,  
New Jersey Pinelands Commission

**10:00 AM Linking groundwater, pesticide occurrence and submerged aquatic**

**vegetation,** Kim Paulsen, Suffolk County Department of Health Services

**10:30 AM Break & Poster Session**

**11:00 AM Baseline floristic assessment and classification of pine barrens vernal pools in New York,**

Jason Bried, Albany Pine Bush Preserve Commission

**11:30 AM Are highly urbanized pine barrens important for conserving shrubland birds?** Neil Gifford,

Albany Pine Bush Preserve Commission

**12:00 PM Climate change research and information needs in New York State,**

Peter Iwanowicz, Office of Climate Change, NYS DEC

**12:30 PM Lunch Break**

Lunch can be purchased at the onsite cafeteria

**1:15 PM KEYNOTE : Taking a community level approach to ecotoxicology: Insights from aquatic ecosystems,** Rick Relyea,

University of Pittsburgh

**2:00 PM Assessing the invasiveness of non-native plants on Long Island,**

Gerry Moore, Brooklyn Botanic Garden

**2:30 PM Native alternatives to invasive plants,**

Steven Clemants, Brooklyn Botanic Garden

**3:00 PM Break & Poster Session**

**3:15 PM Thirty years of community development in a gamma irradiated pine-oak forest in Brookhaven National Laboratory,** Richard Stalter, St. John's University

**3:45 PM The occupation & disoccupation of the Montauk Peninsula by waves of succeeding plant communities following the retreat of the last ice sheet: What will global warming and tomorrow bring?**

Larry Penny, Town of East Hampton

**4:15 PM Pine Barrens forest community,**

Richard Wilkens, Dowling College

**4:45 PM Closing Remarks: Formulating a research agenda,** Tim Green, FERN

### Agenda

Friday, October 3, 2008 – Field Trip \*

8:30 AM until noon

**BNL Groundwater Treatment Systems**  
An overview and visit to representative field systems at BNL

This field trip will provide an overview of the groundwater cleanup program at Brookhaven National Laboratory. Participants will hear about BNL's efforts to remediate various plumes. Several representative operations will be visited.

\* If attending the field trip, please wear appropriate clothing and tick protection.



*Pontederia cordata*  
*Pickerelweed*