

Co-sponsored by the Brown
Club of Westchester County

Join your fellow Westchester
County-area alumni, parents,
friends at an afternoon featuring

Warren L. Prell

*Doherty Professor of Oceanography
and Chairman of the Geological
Sciences Department*

Sunday, April 29, 2007

The Rye Free Reading Room
Rye Library
1061 Boston Post Road
Rye, NY 10580
(914) 967-0480



*Professor Prell conducting winter
field work in Narragansett Bay*

Warren L. Prell received a B.A. in 1966 with Honors from Hanover College, and a Ph.D. in 1974 from Columbia University. He became director of oceanographic and geologic programs for the New York City Energy Research and Development Authority before being appointed as Assistant Professor in the Department of Geological Sciences at Brown in 1975. He was promoted to full professor in 1989, and was appointed to the Henry L. Doherty Chair in Oceanography in 1990.

Meeting of the Minds, a series sponsored by the Brown Alumni Association, brings the Brown intellectual experience to the larger Brown community of alumni, parents, and friends. Visit our web site for more information:
www.brown.edu/alumni/faculty.html

Meeting
OF THE
Minds

BROWN ALUMNI
ASSOCIATION 

Climate and Human-Induced Changes in New England Estuaries

4:30 – 5:00 p.m.

Reception
Hors d'oeuvres and Libations

5:00 – 6:00 p.m.

Lecture and Discussion with
Brown Professor Warren L. Prell

6:00 – 6:30 p.m.

Continuation of reception
and informal discussion

Cost

\$5.00 per person

RSVP

By April 23rd by sending a check payable to Brown Club of Westchester County to Brown Club of Westchester County, PO Box 566, Rye, NY 10580. Payment at the door is also welcome. For more information, please contact Malcolm Reid '84 at msreid@optonline.net.

Directions

Traveling North on I-95: Exit 20. From exit ramp, make right onto US 1 (Boston Post Road, South). Proceed 4 traffic lights. Make 1st right after 4th light (just past the Village Green) into library parking lot. **Traveling South on I-95:** Exit 21. Bear right on ramp to Rye. At end of ramp make left onto Midland Ave. then 1st right onto Peck then left onto US 1 (Boston Post Road, South). Make 1st right after 3rd light (just past the Village Green) into library parking lot. **Traveling North on Hutchinson River Parkway:** Exit 26 to Route 287 East. Exit Route 287 at Exit 11. From exit ramp, make right onto US 1 (Boston Post Road, South). Proceed 5 traffic lights. Make 1st right after 5th light (just past the Village Green) into library parking lot. **Traveling East on Route 287:** Exit 11. From exit ramp, make right onto US 1 (Boston Post Road, South). Proceed 5 traffic lights. Make 1st right after 5th light (just past the Village Green) into library parking lot.

Estuaries are dynamic oceanographic and ecologic systems that lie on the transition between land and the coastal ocean. These shallow water coastal systems are especially susceptible to the impacts of regional climate change. Located at the mouth of major rivers, estuaries are also vulnerable to human activities within those river watersheds. In the past, metal and industrial pollution was a major issue in estuarine health. More recently, concerns have focused on the transport of excess nutrients into the estuaries from runoff, wastewater, and agriculture. High nutrient levels can cause eutrophication, or over-fertilization, and lead to high algal production, bacterial growth, low oxygen levels and ecosystem degradation.

Professor Prell will discuss the emerging issue of how climate change and “global warming” may interact with human-activities to change estuarine systems. To address such topics, Brown faculty and student researchers are studying the past history and current status of Narragansett Bay to help understand the future of New England estuaries.

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