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University of Pennsylvania  
Institute for Environmental Studies  
Presents



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### Sea Level is Rising Along U.S. Atlantic Coast

Understanding the timing and magnitude of this possible acceleration in the rate of relative sea-level rise is critical for testing models of global climate change and providing a context for 21st century predictions. An international team of environmental scientists led by the University of Pennsylvania have shown that sea-level rise along the US Atlantic Coast is accelerating. Researchers found 20th century sea-level rise to be at least double the rate of sea-level rise over the last 4-4000 years. Furthermore, the magnitude of the sea-level rise increases as you travel south from Maine to South Carolina. This is the first demonstrated evidence of this phenomenon from observational data alone. Additionally, the timing of this jump appears to occur between the years 1880 and 1920, a time of industrial progress that may provide a direct link to human-induced climate change.

**Date: February 24, 2010**

**Time: NOON - 1:30 pm**

**Place: Carolyn Hoff Lynch Auditorium**

On the Penn campus: Chemistry Building  
34 & Spruce Sts. (enter on 34 St)

**NO REGISTRATION REQUIRED**

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NO FOOD OR DRINK PERMITTED IN THE AUDITORIUM

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