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University of Pennsylvania  
Institute for Environmental Studies

Presents



**Carol R. Collier**

Delaware River Basin Commission

**The Delaware River Basin –  
Threats to the System, Actions Being Taken,  
and Research Needs**

The 13, 539 sq. mile Delaware River Basin is home to over seven million people and provides potable water to 15 million people. While incredible strides have been made over the last 40 years to reduce pollution and balance water needs between New York City and Philadelphia, there are still many threats that can reduce the ecological and recreational value of the Delaware River, as well as its value as a water supply.

With an emphasis on water quantity concerns, Collier will discuss the threats of droughts and floods, natural gas well drilling, land use, increasing water demand, budget cutbacks, and climate change. Many actions are currently being taken to assess potential damages and mitigate impact. The talk will highlight the development of flood warning tools, implementation of flood mitigation measures, and next steps. The last segment will summarize needs for additional research and development of tools and models.

**Date: March 25, 2009**

**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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