

PHILADELPHIA GLOBAL WATER INITIATIVE'S

4th ANNUAL CONFERENCE *

"MANAGING THE LAST 1%: ALLOCATING WATER TO MEET THE UN MILLENNIUM DEVELOPMENT GOALS"

DATE: November 4, 2010

VENUE: University of Pennsylvania, Houston Hall's Hall of Flags, Philadelphia, PA

OBJECTIVES

- To review the magnitude of the global water shortage
- To understand the challenges of managing limited water supplies, especially in developing countries
- To show examples of approaches that have been successful in allocating water among various demands [eg, agriculture, drinking water/sanitation, manufacturing, energy, ecosystems services] and to identify other potential solutions to the allocation problem
- To identify key research questions that need to be addressed, and to build toward a major Wharton/Penn Initiative For Global Environmental Leadership [IGEL] Conference in Spring 2011 on "valuing water"
- To establish a network of people interested in water allocation

ADMISSION IS FREE

but

EARLY REGISTRATION ENCOURAGED

Contact chrylene.rebeiro@gmail.com

* This Conference is organized and hosted by the

Philadelphia Global Water Initiative [www.pgwi.org]

with financial support from the **Initiative for Global Environmental Leadership** at Wharton/Penn, **University of Pennsylvania Department of Earth and Environmental Science**, **Pennoni Associates**, **Fairmount Water Works Interpretive Center**, **Beechwood Orchards**, and **University of Pennsylvania Middle East Center**.

Generous in-kind support provided by the **US EPA Region 3** Office in Philadelphia.

AGENDA

- 7: 30 am - 8:30 am Exhibitors set up posters/displays [to be on display all day]
- 8: 00 am Registration and Continental Breakfast
- 8: 30 am Welcoming Comments: **Dr. Fred Scatena**, University of Pennsylvania, Chairman, Department of Earth and Environmental Science
- 8:45 am **Keynote Address: Mr. Mike Kerlin, Associate Principal, McKinsey & Company**, Co-Author of "Charting Our Water Future"**, Report from 2030 Water Resources Group
- 9: 30 am Defining the Problem: **Having Limited Water and Multiple Needs**; Moderator: **Katryn Bowe**, Water Research Assistant, Center for Strategic and International Studies
 - **Dr. Robert Giegengack**, University of Pennsylvania: A global hydrologic perspective
 - **Dr. Jennifer Turner**, Director, China Environment Forum, Woodrow Wilson International Center for Scholars: Challenges in China-- balancing needs for water, energy, and other demands
 - **Dr. Peter Mc Cornick**, Duke University: Future water competition among agriculture, urban uses, and other sectors
 - **Jeffrey Ballew**, GE Power & Water: A Corporate perspective on Future Water Demand
 - **Brittany Young**, Founder, "A Spring of Hope": Balancing drinking water, agriculture, and sanitation needs at the village level
- 11:00 am Networking Opportunitites: small group discussions on allocation issues related to agriculture, drinking water/sanitation, energy, manufacturing, ecosystem services, and water reuse; opportunity to visit displays
- 12:00 Noon Lunch-- on your own at nearby Houston Hall Food Court
- 1:00 pm: Afternoon speaker: **Karin Krchnak**, Director, International Water Policy, The Nature Conservancy: **Flow Allocation Policies to Protect Ecosystems in Developing Countries**
- 1:30 pm Plenary session: audience exchange of ideas on water allocation
- 2:00 pm Finding Solutions to Water Allocation
Moderator: **Frances Dubrowski**, Principal, Law Offices of Frances A. Dubrowski and Adjunct Professor, University of Maryland, School of Public Policy
 - **Carol Collier**, Exec. Director, Delaware River Basin Commission: "Managing Water Allocations in Eastern US - Successes, Lessons Learned, and Issues for the Future"
 - **Seung Lee**, Save The Children, Senior Director, School Health and Nutrition: Lessons learned from School Health and Nutrition programs in developing countries - how to address the needs of children in schools
 - **Will Sarni**, CEO, DOMANI: What progressive global companies are doing to address water allocation issues

- **Stephanie Ogden**, Fellow in Innovation and Sustainability, Water For People: Successes and Challenges with Integrated Water Resources Management in developing countries
- 3:15 pm Discussion with Audience on Possible Solutions
- 4:00 pm Concluding Remarks from **Dr. Clive Lipchin**, Director of Research, Arava Institute for Environmental Studies, Israel
- 4:20 pm Future Directions: **Stanley L. Laskowski**, University of Pennsylvania and President of PGWI and **Eric W. Orts**, Wharton School, Director, Initiative for Global Environmental Leadership
- 4:40 pm Adjournment
- 5:00-7:00 pm **Reception at Fairmount Water Works Interpretive Center**, a world-class water education facility on the banks of the historic and scenic Schuylkill River [transportation will be provided to and from the event]
 - Speaker: **Liz Garland**, American Rivers, "Why the Delaware River is the Most Endangered River in the United States"

** http://www.mckinsey.com/App_Media/Reports/Water/Charting_Our_Water_Future_Full_Report_001.pdf

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