Use of Long-Term Research for Enhancing Water Quality in the Great Lakes Region

Day One
Thursday, September 8, 2005

7:30 AM – 8:00 AM **Continental Breakfast & Registration**

8:00 AM – 8:15 AM **Welcome**

Lenore Tedesco
Director of Center for Earth and Environmental Science, IUPUI
"Workshop Overview and Logistics"

Carl Cowen
Dean of IUPUI School of Science
"Welcome to IUPUI"

Ron Turco
Director of Purdue's Indiana Water Resource Research Center
"IWRRC - Today's Objectives and Goals"

8:15 AM -- 9:45 AM **The Value of Long-Term Research Sites**

8:15 AM -- 8:45 AM **Andy Miller**
Professor, Geography and Environmental Systems
Center for Urban Environmental Research and Education
University of Maryland, Baltimore MD
"The value of long-term ecological research sites: Baltimore Ecosystem Study urban hydrology and water quality investigations"

8:45 AM -- 9:15 AM **Tom Moorman**
Microbiologist and Research Leader, USDA-ARS National Soil Tilth Laboratory, Ames IA
"Linking Water Quality Trends to Farming Practices at the Watershed Scale"

9:15 AM -- 9:45 AM **Sylvie Brouder**
Professor of Soils and Plant Nutrition, Agronomy Department, Purdue University
"Models come and go; a good data set will last forever"

9:45 AM -- 10:45 AM **Approaches to Establishing Long-Term Research Sites**

9:45 AM -- 10:15 AM **David A. Kovacic**
Associate Professor and Director of Landscape Ecology and Wetlands Laboratory, Department of Landscape Architecture, University of Illinois, Urbana-Champaign
"Partnering with private landowners to demonstrate wetland removal of nitrogen from agricultural runoff"

10:15 AM -- 10:45 AM **Lenore Tedesco**
Director of Center for Earth and Environmental Science, IUPUI
"The Central Indiana Water Resources Partnership - A University/Corporate program for long-term water resource research"

10:45 AM -- 11:00 AM **Break – Sign Up for Afternoon Discussion Sessions and Tour**

11:00 AM -- 12:00 AM **Demonstration Projects**

11:00 AM -- 11:30 AM **Greg Lindsey**
Associate Dean and Duey Murphy Professor of Rural Land Policy - IUPUI
"Using community-based research to foster university-municipal-community partnerships for long term ecological monitoring"

11:30 AM -- 12:00 AM **Larry Brown**
Professor Agriculture and Biological Engineering, The Ohio State University
"Interfacing wetlands with agricultural production systems: A demonstration project"

12:00 PM -- 1:15 PM **Lunch on Your Own**
Hotel has a food court, restaurant and sports bar.
There are also other dining options within walking distance.

1:15 PM -- 2:15 PM **Advanced Tools for Ecosystem Monitoring**

1:15 PM -- 2:45 PM **Stu Gage**
Professor of Entomology, Michigan State University
"Acoustics as an ecological indicator in aquatic ecosystems"

1:45 PM -- 2:15 PM **Polly Baker**
Director, Visualization and Interactive Spaces Lab, Pervasive Technology Labs at Indiana University
"Integrating Water Quality Data for Long-term Research"

2:15 PM -- 2:30 PM **Break**

2:30 PM -- 5:15 PM **Discussion Sessions** -- *Discussion Sessions Will be Held in Rooms 102 and 134*
Greg Lindsey, Lenore Tedesco, Ron Turco and Others

Tour
Polly Baker, Rob Stein, and Others

Participants will tour the IUPUI Visualization and Interactive Spaces Lab and Advanced Visualization Lab for demonstrations on visualization tools for integrated water quality monitoring programs. All tours will depart from Conference Center and walk to ICTC Building.

Group 1
2:30 PM -- 3:45 PM Tour Visualization Labs
4:00 PM -- 5:15 PM Discussion

Group 2
2:30 PM -- 3:45 PM Discussion
4:00 PM -- 5:15 PM Tour Visualization Labs

Group 3
3:00 PM -- 4:15 PM Tour Visualization Labs
For those interested in tour and time to network but not wanting to attend the discussion or only some discussion time.

5:30 PM -- 7:30 PM **Complimentary Cocktail Reception**
Sponsored by:

- Veolia Water Indianapolis
- Central Indiana Water Resources Partnership