



36th Annual Indiana Water Resources Association Conference

"Urban, Sub-urban and Non-urban Water Resources of Indiana"

*With a special symposium on
Proposed Mounds Lake Reservoir Water Resources Issues (Tuesday afternoon)
and Field Trip Wednesday morning*

**June 22-24, 2015 (Monday through Wednesday)
Ball State University Alumni Center, Muncie, Indiana**

Registration

(Includes Wednesday banquet and Thursday lunch)

Registration Forms Received BEFORE / AFTER

Wednesday, June 12, 2015

IWRA Member:	\$100 / \$130
Non-member:	\$130 / \$160
Student:	\$55 / \$65
1-day Member:	\$75 / \$105
1-day Non-member:	\$85 / \$115
Banquet Guest	\$50 / \$50

Please fill out and mail Registration Form on the following page by June 12. Note: Registration **fees DO NOT have to be received by June 12 in order to obtain the early bird rate. We DO need to receive registration **forms** by June 12. Fees may follow at a later date.**

For more information...

...about the conference, contact Klaus Neumann, IWRA President, kneumann@bsu.edu, 765-285-8262

...about IWRA membership or registration, contact Jeff Martin (317) 600 2748, jdmartin@usgs.gov.

Lodging:

Participants are responsible for their own reservations. A block of rooms has been reserved for IWRA **until Friday, May 15, 2015** at the Holiday Inn Express. Ask for the "IWRA" rate (\$83/night)..

Holiday Inn Express
4201 West Bethel Avenue, Muncie, IN 47304
Phone: (765) 289-4678.

(Please note: Rates will not be changed at check-in or after the cutoff date, or for those who do not identify their group affiliation.)

*This is the thirty-sixth annual Indiana Water Resources Association Symposium.
IWRA is a scientific and educational not-for-profit organization established to encourage interdisciplinary communication between persons working in all aspects of water resources.
IWRA is an affiliate of the
American Water Resources Association.*

Registration Form

Return with payment enclosed to:
 Jeff Martin, IWRA Registrar, 8204 Claridge Road, Indianapolis, IN 46260-4914

Name _____ Daytime Phone: _____

Organization/Company: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

E-Mail Address: _____ Amount Enclosed: _____

Circle appropriate Registration

	Member	Non-member	Student	1-day, Member	1-day, Non-member	Banquet Guest
Received by June 12, 2015	\$100	\$130	\$55	\$75	\$85	\$50
Received after June 12, 2015	\$130	\$160	\$65	\$105	\$115	\$50
				Which day? Mon Tues Wed		

If registration fees are not enclosed, please explain when IWRA will receive payment.

Please help us plan by placing an 'X' in the appropriate blank:

I request vegetarian meals: yes ____ no ____

I plan to attend the Monday banquet: yes ____ no ____ .

I plan to attend the Tuesday lunch: yes ____ no ____

Make checks payable to: **Indiana Water Resources Association**

Return with payment enclosed to
 Jeff Martin, IWRA Registrar, 8204 Claridge Road, Indianapolis, IN 46260-4914

DRAFT AGENDA (as of May 14)

Monday, June 22

Time	Topic	Speaker
12:30	Arrival, registration	
1 pm	Welcome	Klaus Neumann, President
1:05	Introduction to the Indiana Fluvial Hazard Mitigation Program	Bob Barr, Center for Earth and Environmental Science, IUPUI
1:25	Superfunding Indiana's Well Fields	Juliet Port, IDEM
1:45	Creating a comprehensive, city-wide floodplain management program	Bryan Wallace, City of Jeffersonville Stormwater
2:05	Efforts to Characterize Ground Water Quality in Indiana through the Statewide Ground Water Monitoring Network	Kevin Spindler, IDEM GW Section
2:25	CSOs in Lafayette and West Lafayette, IN	Terry West, Purdue
2:45	Break	
3:00	Smartphone app for access and info on the White River.	TBD
3:20	GIS application to help farmers comply with the 2013 fertilizer application rule.	Larry Theller, Purdue University
3:40	Longterm Change in a Large River Fish Assemblage: Food Webs	Mark Pyron, Ball State University
4:00	Update on Ball State University Geothermal System	Jim Lowe, BSU Facilities
4:20	Transforming Drainage: A multi-state project to increase resiliency of drainage agricultural landscapes	Jane Frankenberger, Purdue University
4:40	Discussion and wrap-up	
5 pm	Adjourn	
5:30	Poster Session/Social Hour/Cash Bar	
6:30	Awards Banquet	

Tuesday, June 23

Time	Topic	Speaker(s)
8:30	Marion County Public Health Department's Macroinvertebrate program.	Joe Ketterman, Marion County Public Health Department
8:50	1:48,000 Potentiometric Surface Map Development for Indiana Counties	Ginger Korinek, IDNR
9:10	Study of private wells in a neighborhood near coal ash ponds	Adam Rickert, Marion County Health Department
9:30	Disease transmission in treated and untreated swimming venues	Jason Ravenscroft, Marion County Public Health Dept.
9:50	Using a Bank Erosion Hazard Index (BEHI), Near-Bank Stress (NBS), and Surface Runoff Models to Estimate and Compare Annual Sediment Loads from Soil Erosion	Phil Tevis, FlatLand Resources
10:10	Break	

10:30	Taste-and-Odor Occurrences in Central Indiana Reservoirs	Nicolas Clercin, IUPUI
10:50	Mounds Greenway	Tim Maloney, Hoosier Environmental Council
11:10	Limestone Ate My Dam	David Nance, IDNR
11:40	Break	
11:45	Lunch	
Mounds Lake Reservoir Water Resources Symposium		
1:00	Introduction to the Symposium (and Field Trip Wednesday)	Jane Frankenberger, Purdue University
1:05	Introduction to the Mounds Lake Reservoir Project	Chad Pigg, Mounds Lake Project
1:30	The Need for the Water <ul style="list-style-type: none"> • Meeting Water Needs in Central Indiana • The Future of Water Supply Planning in Indiana • Discussion by all of the water needs 	Jeff Willman, Exec. Dir. Water Operations, Citizens Energy Group Jack Wittman, Interra
2:45	Break	
3:00	Geohydrology of the area <ul style="list-style-type: none"> • Geohydrology issues • Discussion by all of geohydrological issues 	Tony Fleming, Geologist
3:45	Water Quality that can be Expected in the Reservoir <ul style="list-style-type: none"> • Water quality in agricultural reservoirs • Upper West Fork White River nonpoint source water quality • Discussion of water quality issues 	TBD Colby Gray, FlatLand Resources
4:30	Next steps	
5 pm	Adjourn – Dinner on your own	
7 pm	Social Hour and IWRA Business meeting	

Wednesday, June 24 – Field Tour of Sites Related to Proposed Mounds Lake Reservoir

9 a.m. Attendees will drive on their own, and meet at sites of interest related to the Mounds Lake Reservoir. Specific locations and speakers to be announced. The field tour will end at noon.