

IWRA Symposium Committee
8204 Claridge Road
Indianapolis, IN 46260-4914

Twenty-Sixth Annual
Indiana Water Resources
Association Conference and Field
Trip

Brine Injection from Oil and Gas
Production, and Other Water
Resource Issues for Southwest
Indiana

New Harmony Inn & Conference
Center
New Harmony, Indiana
June 15-17, 2005



www.valpo.edu/organization/xiwra

WEDNESDAY, JUNE 15, 2005

12:00 Registration

1:00 Opening and Welcome

Phil Ward, GES
2005 IWRA President

1:10 Water Resources and the Geologic
Setting of the New Harmony,
Indiana Area

Dr. Norm King, University of Southern Indiana

1:40 Overview of the IDNR Division of
Oil and Gas Brine Injection Program

Mary Estrada and Denny Allison, IDNR

2:10 Protection of Water Resources -
IDNR Division of Oil and Gas
Orphan Well Plugging Program

Mary Estrada, IDNR

2:40 BREAK

3:00 January 2005 Flooding - Indiana

Al Shipe, NOAA and Scott Morlock, USGS

3:30 January 2005 Flooding - New
Harmony Area

Mary Lamm, NOAA, Paducah, KY

4:00 New Harmony, Indiana - A History

Dr. Thomas Straw, Western Michigan
University, retired

6:00 Cash Bar/Poster Session - Bayou
Room

6:30 Banquet

Guest speaker: Dr. Paul Doss, Department
Chairman, Geology and Physics, University of
Southern Indiana, "Water Resources of
Yellowstone National Park"

THURSDAY, JUNE 16, 2005

(Breakfast - on your own)

8:30 Bus leaves hotel

9:00 Brine Injection Inspection

Denny Allison
IDNR Division of Oil and Gas

10:30 Orphan Well Plugging

Mary Estrada
IDNR Division of Oil and Gas

11:30 USGS Doppler Boat Demonstration

Scott Morlock, USGS

Lunch (box lunch provided)
Harmonie State Park, Boat Ramp
Picnic Area

2:00 Tour of New Harmony's recently
constructed wastewater treatment
plant

Dr. Thomas Straw, Western Michigan
University, retired

4:00 Demonstration of new stream gage
technology

Scott Morlock, USGS

5:00 Arrive back at hotel

6:00 Picnic Under the Tent

7:30 Spring Business Meeting

All members and friends are welcome

8:30 Hospitality Hour

Note: All times are referenced to
Evansville, Indiana time (currently Central
time).

FRIDAY, JUNE 17, 2005

(Breakfast - on your own)

8:30-11:30 Walking Tour of Historic New Harmony

Dr. Thomas Straw, Western Michigan University, retired.

New Harmony was the site of two of America's great utopian communities. The first, Harmonie on the Wabash (1814-1824), was founded by the Harmony Society, which consisted of a group of Separatists from the German Lutheran Church. In 1814, led by their charismatic leader Johann Geong Rapp, they left their first American home, located in Harmonie, PA and settled in Indiana's lower Wabash Valley. This western frontier gave them the opportunity to acquire a much larger tract of land. The Harmonists moved back to Pennsylvania in 1825 and built the town of Economy near Pittsburgh. Robert Owen, a Welsh-born industrialist and social philosopher, bought their Indiana town and the surrounding lands for his communitarian experiment.

New Harmony was also the site of the early headquarters of the U.S. Geological Survey and provided the earliest geological and natural science collections for the beginnings of the Smithsonian Institute. David Dale Owen turned to geology under the influence of William Maclure. From 1830 until 1860 New Harmony was one of the most important training and research centers for the study of geology in America. Historic New Harmony is a Unified Program of the University of Southern Indiana and the Division of Indiana State Museums & Historic Sites.

12:00 Meeting adjourned

GENERAL INFORMATION

Registration Fee:

Includes Wednesday Banquet, Thursday box lunch, bus transportation, Thursday evening meal and entertainment, and refreshments!

Received by June 1, 2005

IWRA Member: \$100.00
Non-member: \$120.00
Student: \$45.00

Received after June 1, 2005

IWRA Member: \$115.00
Non-member: \$135.00
Student: \$55.00

Single Day Registration: \$65.00
Guest for Banquet: \$30.00
Guest for Thursday dinner: \$30.00

Lodging: Participants are responsible for their own reservations. **A block of rooms has been reserved for IWRA until May 15, 2005 at the New Harmony Inn & Conference Center, 504 North Street.** Don't procrastinate!!!

Hotel Telephone: 812-682-4431
FAX: 812-682-3423

Rates: Single \$70.00
Double \$80.00

For more information about the field trip, please contact Phil Ward, IWRA President at 317-876-0357 or visit our web site: www.valpo.edu/organization/xiwra

Important items of note:

The bus we'll use on the Thursday fieldtrip has room for 50 passengers. Only the first 50 people who register for the conference are guaranteed seating. Those who register later must arrange their own transportation and follow the bus in a private vehicle. We'll attempt to contact those for whom seating is not guaranteed to ensure that you still wish to attend. So be sure to include a daytime phone number on your registration form.

Remember your boots and rain gear, or think positive and bring a hat and sun block.

Please circle the appropriate fees on the registration form. Your 2005 IWRA membership status is shown on the mailing label of this announcement. Contact Jeff Martin (317) 290-3333 ext. 148 for questions about IWRA memberships.

The New Harmony Inn and Conference Center is located on the north side of New Harmony on North Street.

This is the twenty-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.

**Indiana Water Resources Association Symposium
New Harmony Inn & Conference Center**

Name: _____ Daytime Phone: _____
Organization/Company: _____
Mailing Address: _____
City: _____ State: _____ Zip: _____
E-Mail Address: _____ Amount Enclosed: _____

Fees: Received by June 1, 2005 \$100 Member \$120 Non-member \$45 Student
Received after June 1, 2005 \$115 Member \$135 Non-member \$55 Student
Single day: \$65 (Please check which day: Wed. ____ Thurs. ____ Fri. ____) \$30 Banquet Guest \$30 Dinner Guest (Thursday)

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

I plan to attend the Wednesday Banquet: yes ___ no ___ . I plan to attend the Thursday Dinner: yes ___ no ___ .
I plan to ride the bus on Thursday fieldtrip: yes ___ no ___ .