

2009 Iowa Water Conference

Reducing Runoff : *The Agricultural and Urban Link to Watershed Improvement*

March 9–10, 2009

Scheman Building, Iowa State University
Ames, Iowa

Featuring:

- ◆ Iowa Agriculture and Environment Conference
- ◆ Iowa Storm Water Conference
- ◆ Vendor Exhibition

IOWA WATER CENTER
at IOWA STATE UNIVERSITY



LEOPOLD CENTER



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2009 IOWA WATER CONFERENCE

Reducing Runoff: The Agricultural and Urban Link to Watershed Improvement

The Iowa Water Conference is sponsored by the **Iowa Water Center** at Iowa State University, and organized in conjunction with the **Iowa Stormwater Conference** and **Agriculture and Environment Conference**. This is the first time that these conferences have joined efforts to advance urban and agricultural water issues through sustainable watershed management. For more information on the Iowa Water Center, visit: www.water.iastate.edu.

Special Guest Speakers:

Tom Schueler, Director, Chesapeake Stormwater Network, and Founder, Center for Watershed Protection. Tom will give a session on March 9 addressing urban watershed planning to reduce flooding impacts and improve water quality. He will also give a presentation the following day on urban hydrology aspects that impact storm water management. Tom's presentations are sponsored by the Leopold Center.

Gerald Galloway, University of Maryland, Professor of Civil and Environmental Engineering and retired Army Brigadier General. Gerald will provide a synopsis of response to recommendations made to the White House regarding activities necessary to minimize devastating effects of extreme rain events, and what needs to be done in the near future to avert similar extreme rainfall event impacts.

Pete Nowak, Professor, Environmental Studies, Nelson Institute, Soil & Water Conservation Specialist, University of Wisconsin-Madison. Pete will present at the technical session March 10 on targeting conservation practices in rural and urban watersheds.

CONFERENCE PROGRAM

Monday, March 9 Afternoon and Evening

- 12:30 Registration—1st floor, Scheman Building
- 1:00 **Session A, Stormwater Conference:** Urban Watershed Planning, Management and Environmental Site Design.
Tom Schueler, Chesapeake Stormwater Network.
- Session B, Agriculture & Environment Conference:**
The Right Mix for Marketing Conservation.
Moderator: **Marty Adkins**, Natural Resources Conservation Service
- Social/Moral Issues of Decision-Making.
Paul Lasley, Iowa State University,
- Economic Influences of Decision-Making.
Mike Duffy, Iowa State University.
- Benefits & Benefactors of Natural Resource Management.
Mark Ackelson, Iowa Natural Heritage Foundation.
- How to Develop Your Marketing Approach.
Laurie Johns, Farm Bureau
- 4:30 Break—Vendor Exhibition and Poster Displays
- 5:00 Panel Discussion (Floods of 2008) and Evening Plenary Session. Moderator: **Jerry DeWitt**, Leopold Center.
- Rural Impact. **Bill Northey**, Iowa Secretary of Agriculture
- Urban Impact. **Regenia Bailey**, Iowa City Mayor
- Economic Impact. **Bill Dotzler**, Senator, District 11 and Rebuild Iowa
- Historic Weather Trends and Predictions.
Gene Takle, Iowa State University
- 6:30 Evening Reception, appetizers & cash bar. Featuring musical group *Joyful Hearts*, sponsored by the Iowa Learning Farm.
- Vendor Exhibition and Poster Displays

Tuesday, March 10 Joint Morning Session

- 7:00 Registration—1st floor, Scheman Building
Vendor Exhibition and Poster Displays
- 8:00 Welcome. **Pat Sauer**, Iowa Association of Municipal Utilities, Storm Water Program, and **Chuck Gipp**, Iowa Department of Agriculture and Land Stewardship
- 8:15 Iowa Soil and Water Resources Vision.
Rick Cruse, Iowa Water Center
- 8:45 Flood Recommendations, Implementation, Politics, Future. **Gerald Galloway**, University of Maryland
- 9:45 Break—Vendor Exhibition and Poster Displays
- 10:15 Urban Runoff: Then, Now, and New.
Tom Schueler, Chesapeake Stormwater Network
- 11:15 Agricultural Runoff: Past, Present, Future.
Matt Helmers, Iowa State University
- 12:00 Luncheon
Speaker: **Richard Leopold**, Iowa Department of Natural Resources.
- Conference Award for Excellence in Stormwater Management.**
- Stormwater Photo Contest Winner.**

CONFERENCE PROGRAM

REGISTRATION

Tuesday, March 10

Afternoon Concurrent Sessions Session A: Stormwater Conference

Moderator: **Wayne Petersen**, Iowa Department of Agriculture and Land Stewardship

- 1:15 Bringing Urban and Agricultural Watershed Stakeholders to the Table. **Tom Hadden**, Metro Waste Authority
- 1:45 Is Soil an Asset or Liability?
Jerry Miller, Iowa State University
- 2:15 Break—Vendor Exhibition & Poster Displays
- 2:45 Floods Bring Change: Cedar Rapids Strategic Plan.
Ken Dekeyser, City of Cedar Rapids
- 3:15 Look Out the Window: What's Happening with the Ames Smart Watershed Program. **Tracy Warner**, City of Ames
- 3:45 Bringing About Institutional Change: The IDED and Habitat for Humanity Stories.
Jeff Geerts, Iowa Department of Economic Development and **Gina Primmer**, Habitat for Humanity-Council Bluffs
- 4:15 Wrap Up and Conclusion

Session B: Water Conference Current Science

Moderator: **Thanos Papanicolaou**, University of Iowa

- 1:15 Surface Hydrology. **Larry Weber**, University of Iowa
- 1:45 Assessing Lag Times Between Land Management Changes and Water Quality Improvement.
Keith Schilling, Iowa DNR Geological Survey
- 2:15 Break—Vendor Exhibition & Poster Displays
- 2:45 Nutrients in Urban Groundwater: Assessment, Public Perception, and Education.
Mimi Wagner and **Bill Simpkins**, Iowa State University
- 3:15 Targeting Conservation Practices in Rural and Urban Watersheds. **Pete Nowak**, University of Wisconsin
- 3:45 Then the Rains Came: The Honey Creek Construction Site Stabilization Challenges of 2008 and an On-Site Look at LID. **Steve Jones**, Iowa State University
- 4:15 Wrap Up and Conclusion

Session C: Water Conference Agriculture and Environment

Moderator: **Rick Juchems**, Farmer and Conservation District of Iowa

- 1:15 Farming with Cover Crops. **Steve Berger**, Farmer
- 1:45 Riparian Ecosystems: Targeted Conservation in Agricultural Watersheds **Tom Isenhardt**, Iowa State University
- 2:15 Break—Vendor Exhibition & Poster Displays
- 2:45 Biomass Harvest and Nutrient Management Systems Impacts on Nutrient Loss From Fields.
Antonio Mallarino, Iowa State University
- 3:15 Bringing Urban and Agricultural Watershed Stakeholders To the Table. **Tom Hadden**, Metro Waste Authority
- 3:45 Conserving Soil: Is That Really Your Goal?
Jerry Miller, Iowa State University
- 4:15 Wrap Up and Conclusion

Name: _____

Organization: _____

Address: _____

City/State/Zip: _____

County: _____

Daytime Phone: _____

E-Mail: _____

(Registration confirmations sent via e-mail only)

Profession:

- Consulting Engineer State Agency
- County Federal Agency
- City SWCD
- Non-Profit Agribusiness
- University Producer Other _____

Fees: Early = \$125 After March 2 = \$145
Student Discount—Contact Hillary Olson at (515) 294-7467 before March 2 for additional information.

Payment:

Check: Payable to Iowa State University
Credit Card: VISA Mastercard
Credit Card Number: _____

Expiration Date: _____

Name as it appears on card: _____

Register by:

Internet: www.aep.iastate.edu/water (credit card only)
Fax: 515-294-1311 (credit card only)
Mail: Agribusiness Education Program
Iowa State University
2104B Agronomy Hall
Ames, Iowa 50011-1010

Educational Displays and Posters

The Iowa Water Conference encourages individuals involved in water quality research or other programs that have educational information to share that information with conference attendees. A display areas will be provided near the conference meetings rooms to encourage audience viewing and participation.

If you wish to provide a poster or display, please visit www.aep.iastate.edu/water to complete a display registration form. Poster and display authors are required to register for the conference.

Please check box if this registration is accompanying a poster or educational display

Certified Crop Advisor (CCA) credits have been applied for and will be available.

Certificates of attendance will be available to all attendees and may be used for Professional Development Hours (PDH's).

IOWA STATE UNIVERSITY

University Extension

Agribusiness Education Program

2104 AGRONOMY HALL • AMES, IA 50011-1010

(515) 294-6429 • www.aep.iastate.edu

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