

Stormwater and Low-Impact Development Workshop

The Black Hawk Soil and Water Conservation District is again hosting its annual spring stormwater conference. The conference is scheduled for February 17th, 2010 at the Center for Energy and Environmental Education on the University of Northern Iowa Campus.



This year's conference will focus on Low Impact Development (LID) principles and practices. Keynote speaker Roger Bannerman has been working with the Wisconsin DNR for 25 years and has conducted a large body of research covering such subjects as the selection of cost-effective stormwater practices, the effectiveness of stormwater management practices, the quality of urban streams, the toxicity and sources of urban pollutants, and the benefits of LID.

The Iowa Center on Sustainable Communities (ICOSC) is a leading stormwater education group in Iowa, conducting and participating in numerous stormwater conferences and workshops throughout the state every year. ICOSC will be presenting on a range of topics from LID practice design and implementation to the various hydrologic models seen throughout the state, to the case studies that the organization has conducted throughout the state comparing LID designed developments to conventional developments in effectiveness, cost and desirability.

Monica Smith with the Robinson Engineering Company will be giving a presentation comparing LID practices to conventional stormwater management practices as it relates to cost and effectiveness.

Lastly, a lot has been done around Cedar Falls by the City of Cedar Falls, the University of Northern Iowa, and private citizens and businesses through partnerships with the Black Hawk Soil and Water Conservation District. Representatives from these organizations will be on hand to show some of these practices, discuss the effects of the practices, and answer questions from the audience.

Agenda

DAY ONE

9:00-4:00

Topics to Include:

- LID practices
- Case studies
- Development and planning
- Overview of stormwater planning and protocol development in Wisconsin
- Benefits of Low-Impact Development
- Overview of local efforts

Speakers to Include:

8:30 a.m.—9:00 a.m. Check-in

9:00 a.m.—12:00 p.m. *Iowa Center on Sustainable Communities*

12:00—1:00 p.m. Lunch

Representatives from the University of Northern Iowa, City of Cedar Falls, and the Black Hawk Soil and Water Conservation District will be on hand to discuss local conservation efforts that have been put into practice around Cedar Falls

1:00—2:00 p.m. *Roger Bannerman*, Wisconsin Department of Natural Resources

2:00—3:00 p.m. *Monica Smith*, Robinson Engineering

3:00—4:00 p.m. Dry Run Creek panel discussion

ADJOURN



REGISTRATION FORM

Registration Fees:

Prior to January 30: \$40 per person
After January 30: \$50 per person

Name _____

Company _____

Address _____

City/State/ZIP _____

Phone _____

Email _____

List additional attendees, with phone/email below:

Method of payment:

Check enclosed
At the door (cash or check)

Please mail or fax registration information to:

Phil Schuppert
Black Hawk SWCD
2950 Southland Drive
Waterloo, IA 50701
Phone: 319-296-3262
Fax: 319-296-1557
Email: phillip.schuppert@ia.nacdnet.net

FEATURED PRESENTERS

Roger Bannerman, Wisconsin DNR

Roger has worked for the Wisconsin Department of Natural Resources for over 35 years.

For most of that time he has directed research projects investigating the solutions to problems caused by urban runoff. Some topics addressed by the different studies are: 1) the quality of urban streams, 2) identification of problem pollutants in stormwater, 3) toxicity of stormwater pollutants, 4) effectiveness of different stormwater control practices, 5) sources of stormwater pollutants, 6) selection of cost-effective control practices, and 7) benefits of low impact development. These results have been applied to the development of technical standards, administrative rules, and the calibration of the WinSLAMM. Roger's ongoing research projects will continue to be used to increase the effectiveness of Wisconsin's stormwater management efforts.

Iowa Center on Sustainable Communities

Center on Sustainable Communities (COSC) was created in 2005 as a nonprofit to serve as Iowa's trusted educational resource for sustainable building. COSC's *Re-Building a Sustainable Iowa* is a state-wide training program covering residential, commercial and energy-specific sectors of the green building industry. Created to help Iowa re-build sustainably in its disaster recovery efforts, the program is designed to utilize local expertise to support national standards. Educating and developing professionals from all sectors of the building and design industry improves the state's ability to construct homes and commercial buildings that are energy efficient, cost effective, durable and healthy. Funding for *Re-Building a Sustainable Iowa* is provided by Iowa Department of Economic Development (IDED) and the Department of Housing and Urban Development (HUD).

Sponsors



Black Hawk Soil and Water
Conservation District

Black Hawk SWCD
2950 Southland Drive
Waterloo, Iowa 50701

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Black Hawk Soil and Water Conservation District Annual Low Impact Development Conference



**A Workshop for Community Planners,
Developers, Engineers and Stormwater
Professionals**



February 17, 2010

**Center for Energy and Environmental
Education,
University of Northern Iowa**

Non-Profit Organization
Auto
U.S. Postage PAID
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Waterloo, IA 50701