

**CONFERENCE 2002  
PRELIMINARY AGENDA  
Monday, October 21, 2002**



7:30 - 9:00 a.m.

**Registration/Continental Breakfast**

**PLENARY SESSION**

8:45 a.m.

**Conference Welcome**

Robert Baldwin, Administrator, Conservation District Operations, Delaware DNREC

9:00 a.m.

**Delaware Welcome**

Nicholas Di Pasquale, Secretary, Delaware DNREC

9:15 a.m.

**Introductory Address**

Robbi Savage, Association of State and Interstate Water Pollution Control Administrators

9:30 a.m.

**Stormwater Paradigms**

Andrew Reese, AMEC Earth & Environmental, Inc.

10:00 a.m.

**Keynote Address**

Eric Livingston, Florida Department of Environmental Protection

10:30 - 10:50 a.m.

**BREAK**

10:50 a.m.

**Introduction to LID and Conservation Design**

John Snook, Brandywine Conservancy

11:20 a.m.

**Conservation Subdivision and Water Resources**

Ann Hutchinson, Natural Lands Trust

11:50 a.m.

**Q & A Session**

12:00 - 1:00 p.m.

**LUNCH**

**CONCURRENT SESSION 1**

1:00 p.m.

**LOW IMPACT DEVELOPMENT (LID)**

**LID Approach for Urban Roadways**

Allen Davis, Ph.D., University of Maryland and Neil Weinstein, LID Center

1:30 p.m.

**Remote Sensing Applications for LID**

Neil Weinstein, LID Center

2:00 p.m.

**The Problems with Applying Flood Design Hydrologic Methods**

Eric Strecker, GeoSyntec Consultants

2:30 - 2:45 p.m.

**BREAK**

2:45 p.m.

**LID Case Studies**

Mike Clar, Ecosite, Inc.

3:15 p.m.

**LID Stormwater Retrofit Project - Long Pond**

Steve Roy, GeoSyntec Consultants

3:45 p.m.

**Biofiltration/Bioretenion Systems - University of Delaware Campus**

Tom Taylor, University of Delaware

**CONCURRENT SESSION 2**

1:00 p.m.

**EROSION & SEDIMENT CONTROL**

**Polyacrylamide (PAM) for Erosion Control**

Warren Cohn, ACF Environmental

1:30 p.m.

**Improving Sediment Basin Performance**

Albert Jarrett, Ph.D., Penn State University

2:00 p.m.

**Using Concrete Armor for Erosion Control**

Bill Witherow, Armortec, Inc.

2:30 - 2:45 p.m.

**BREAK**

2:45 p.m.

**Staging of Earth Disturbing Activity**

Jeff Sholly, Pennsylvania DEP

3:15 p.m.

**Design, Build & Monitoring for Erosion & Sediment Control**

Josh Escue, LES Advanced Erosion Control Systems

3:45 p.m.

**Local ESC Program Implementation**

Chester County Conservation District, PA

**OPTIONAL SESSION**

**FIELD TRIP (1:00 - 4:30 P.M.)**

5:00 p.m. to 7:00 p.m.

**SOCIAL FUNCTION**

**CONFERENCE 2002  
PRELIMINARY AGENDA  
Tuesday, October 22, 2002**



7:30 - 8:30 a.m.

**Registration/Continental Breakfast**

**CONCURRENT SESSION 1**

**STORMWATER MODELING/DESIGN APPROACHES**

8:30 a.m.

**Delaware's Urban Riparian Buffer Model Development**

Bruce Allison, Ph.D., Wesley College

9:15 a.m.

**Use of Vegetated Buffers for Stormwater Quantity Control**

Ray Green, Whitney, Bailey, Cox & Magnani, Inc.

10:00 - 10:15 a.m.

**BREAK**

10:15 a.m.

**New Jersey Infiltration/Recharge Design Standards**

Joe Skupien, Storm Water Management Consulting, P.A.

10:45 a.m.

**Hydrology of Stormwater Technologies - Detention vs. Infiltration**

Tom Cahill, Cahill Associates

11:15 a.m.

**Impact of Soil Disturbance on Bulk Density and Infiltration**

Chris Smith, Ocean County Conservation District, NJ

11:45 a.m.

**Q & A Session**

**CONCURRENT SESSION 2**

**WATERSHEDS/STREAMS**

8:30 a.m.

**Montgomery County's Watershed Program, Part I: Assessment**

Scott Ranoan, Montgomery County DEP, MD

9:15 a.m.

**Montgomery County's Watershed Program, Part 2: Implementation**

Daniel Harper, Montgomery County DEP, MD

10:00 - 10:15 a.m.

**BREAK**

10:15 a.m.

**Total Impervious Area (TIA) As a Predictor of Stream Quality**

Mike Clar, Ecosite, Inc.

10:45 a.m.

**Macro-Invertebrate Response to Stormwater Runoff**

Eric Livingston, Florida DEP

11:15 a.m.

**Mill Creek Stream Restoration Project**

Jim Chaconas, Delaware DNREC

11:45 a.m.

**Q & A Session**

12:00 - 2:00 p.m.

**LUNCH & EXHIBITOR'S DISPLAYS**

ESC & SWM Products and Services Technology Expo

**CONCURRENT SESSION 1**

**STORMWATER PROGRAMS**

2:00 p.m.

**NPDES Phase I, Municipal Stormwater Program Evaluation**

Jim Collins, Tetra Tech, Inc.

2:30 p.m.

**Effluent Guidelines for the Construction Industry**

Eric Strassler, US Environmental Protection Agency

3:00 p.m.

**Response to Federal Stormwater Programs**

Marolyn Parson, Ph.D., National Association of Home Builders

3:30 p.m.

**Compliance Issues in New York State**

Don Lake, Dulac Engineering, Inc.

**CONCURRENT SESSION 2**

**STORMWATER MANAGEMENT ISSUES**

2:00 p.m.

**Effectiveness of Stormwater BMP's in Protecting Urban Streams**

Chris May, Watershed Management Institute

2:45 p.m.

**Current Understandings of Bacteria in Waterways and Implications for TMDLs**

Don Waye, Northern Virginia Regional Commission

3:30 p.m.

**Comparison of Source Area and Regional Stormwater Strategies**

Roger Bannerman, Wisconsin Dept. of Natural Resources

**SPECIAL SESSION**

**DELAWARE URBAN RUNOFF MGT MODEL (DURMM) TRAINING (1:00 - 5:00 P.M.)**

5:00 - 7:00 p.m.

**EXHIBITOR SPONSORED RECEPTION**

**CONFERENCE 2002  
PRELIMINARY AGENDA  
Wednesday, October 23, 2002**



7:30 - 8:30 a.m.	<b>Registration/Continental Breakfast</b>
<b>CONCURRENT SESSION 1</b>	<b>WATERSHEDS/MODELING</b>
8:30 a.m.	<b>Coastal Watershed Plans</b> Ann Kitchell, Center for Watershed Protection
9:15 a.m.	<b>Stormwater Management for In-Fill and Redevelopment</b> Ted Brown, Center for Watershed Protection
10:00 - 10:15 a.m.	BREAK
10:15 a.m.	<b>Delaware Urban Runoff Management Model (DURMM)</b> Bill Lucas, Integrated Land Management, Inc.
11:00 a.m.	<b>Modified Sand Filter Design (Herring Frock Method)</b> Martin Covington, Carroll County, MD
<b>CONCURRENT SESSION 2</b>	<b>STORMWATER PROGRAMS</b>
8:30 a.m.	<b>Stormwater Programs to Meet the NPDES Municipal Requirements</b> Laureen Boles, Office of Watersheds, Philadelphia Water Department
9:15 a.m.	<b>Stormwater Maintenance Tools for Municipalities</b> Jim Collins, Tetra Tech, Inc.
10:00 - 10:15 a.m.	BREAK
10:15 a.m.	<b>Funding Stormwater Programs - Stormwater Utility</b> Andrew Reese, AMEC Earth & Environmental, Inc.
11:00 a.m.	<b>Successful Stormwater Utility Implementation - Griffin, Georgia</b> Brant Keller, Dept. of Public Works, Griffin, GA
12:00 - 1:00 p.m.	<b>LUNCH</b>
<b>CONCURRENT SESSION 1</b>	<b>BMP EFFECTIVENESS</b>
1:00 p.m.	<b>National Pollutant Removal Performance Database</b> Center for Watershed Protection
1:45 p.m.	<b>ESC Testing and Product Evaluation, TTI Erosion Control Field Laboratory</b> Texas Transportation Institute
2:30 - 2:45 p.m.	BREAK
<b>CONCURRENT SESSION 2</b>	<b>INFORMATION &amp; EDUCATION PROGRAMS</b>
1:00 p.m.	<b>The National Education for Municipal Officials (NEMO) Program</b> NEMO
1:45 p.m.	<b>Environmental Citizen Outreach &amp; Education Programs</b> Heather Tuckfield, Chesapeake Bay Foundation
2:30 - 2:45 p.m.	BREAK
<b>SPECIAL SESSION</b>	<b>DELAWARE URBAN RUNOFF MGT MODEL (DURMM) TRAINING (1:00 - 5:00 P.M.)</b>
<b>PLENARY SESSION</b>	<b>CONFERENCE CLOSE</b>
2:45 p.m.	<b>Conference Closing Address</b> Tom Schueler, Center for Watershed Protection
3:15 p.m.	<b>Closing Remarks</b>