

**SUNDAY, MARCH 11, 2001**

- 2:00 – 6:00 PM Exhibitors' Display Set Up (Exhibitors' Hall)  
4:00 – 6:00 PM Registration (Conference Reception Desk)  
Meeting of VLWA Board of Directors (Conference Operations Room)  
6:00 – 7:30 PM Exhibitor and Early Registrant's Reception (President's Suite)

**MONDAY MORNING, MARCH 12, 2001**



- 7:00 – 8:00 AM Registration and Check-In (Conference Reception Desk)  
7:30 AM Coffee and Pastries (Banquet Hall)  
8:00 – 8:30 AM President's Welcome – Mr. Richard Dameron, VLWA President (Banquet Hall)  
Conference Details – Dr. G. Kenneth Young, Jr., Conference Chairman  
**8:30 – 10:00 AM Opening Plenary Session**

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**SESSION 1A  
Plenary First Session (Banquet Hall)**

Dr. Nick Aumen, Aquatic Ecologist for Everglades National Park – *Water Resources and Environmental Concerns—  
The Sierra Club Viewpoint*

Ms. Daphne Jamison, Soil and Water Conservation District Commissioner – *The Role of Soil and Water  
Conservation Districts in Watershed Planning*



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- 10:00 – 10:30 Break (Coffee in Exhibit Hall)  
**10:30 – 12:00 Noon Second Concurrent Sessions**

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**SESSION 2A  
Tools for Achieving Water Quality**

*Mr. Stuart Stein, GKY&A*

*From Goals to Implementation: The James River Tributary  
Strategy Challenge—Alecia Daves, Piedmont SWCD,  
Douglas Moseley, AMEC Earth & Environmental*

*Using the TMDL Process to Improve Lakes with Natural  
Impairments—Clifton Bell, Malcolm Pirnie*

*Water Quality Modeling of the Cahaba River Watershed,  
Alabama—Dahlia El-Kaddah, Post, Buckley, Schuh  
& Jernigan*

*TMDL for Tributary to Smith Mountain Lake—Phil  
McClellan, MapTech*

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**SESSION 2B  
Stormwater Management**

*Mr. James Suddreth, Loudoun County*

*Development of a Stormwater Management Program in  
Louisa County—David Maxwell, Timmons*

*Unsuccessful & Successful Case Studies in Stormwater  
Management—Howell Simmons, Paciulli Simmons*

*Low Impact Development vs. Conventional Stormwater  
Management: A Comparative Monitoring Program in  
Prince George's County, MD—Dan Medina, Dewberry  
& Davis*

*NPDES Phase II: Can You Afford to Wait Until  
2003?—Douglas Moseley, AMEC*

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**MONDAY AFTERNOON, MARCH 12, 2001**

- Noon – 1:30 PM Luncheon (Banquet Hall)  
**Keynote Address: Ms. Louise Wise, USEPA – The EPA Watersheds Strategy for  
Water Resource Management from a Regulatory Viewpoint**

**1:45 – 3:15 PM Third Concurrent Sessions**

**Session 3A  
Being Proactive in a  
Developed Watershed**

*Mr. Stuart Finley, Lake Barcroft WID*

*Comprehensive Urban Watershed  
Retrofit—Stuart Finley, LBWID*

*Protecting the Forest Canopy from  
Gypsy Moth with Biological Tactics—  
Dr. Mark Ticehurst, National  
Gypsy Moth Management  
Group*

*High Efficiency Sweeping & Its  
Impact on Water Quality—Vernon  
Hines, Hines Commercial  
Sweeping, Inc.*

*Solving Canada Geese Nuisance in  
Virginia Lakes Without  
Controversy—David Feld,  
GeesePeace & Lake Barcroft  
Home Owners Association*

**Session 3B  
Health Dept. Concerns  
in Rural Watershed  
Development**

*Dr. Ken Young, GKY&A*

*Drainfield Failure Program New  
Sewage Regulations—Dwayne  
Roadcap, Virginia Dept. of  
Health*

*Alternative Subsurface Discharge  
Systems—Roger Cooley,  
Virginia Dept. of Health*

*Source Water Protection  
Program—Jerry Peaks, Virginia  
Dept. of Health*

*Horizontal Directional Drilling for  
a Water Main Beneath the  
Blackwater Swamp—Matt  
Overton, Draper Aden  
Associates*

**Session 3C  
Floodplain Mgmt I  
Update on FEMA NFIP &  
DCR Floodplain Mgmt  
Guidelines, Regulations &  
Program Initiatives**

*Mr. David Preusch, Baker Engineering*

*FEMA Program/Regulation Changes  
& New Initiatives for Assisting Local  
Governments—John Magnotti,  
FEMA*

*VA DCR's Role in Assisting Local  
Building Code Officials with Floodplain  
Mgmt—Cory Garyotis, DCR*

*Stafford Act Changes & Associated  
Federal Funding for Pre-disaster  
Planning—Douglas Moseley  
(AMEC)*



**3:15 – 3:30 PM Break (Coffee in Exhibit Hall)**

**3:30 – 5:00 PM Fourth Concurrent Sessions**

**Session 4A  
Biological Perspectives on  
Lake Mgmt**

*Mr. Dave Rosenthal, City of Norfolk*

*Water Quality Management—  
Ephraim Seidman, Aquatic  
Services, Inc.*

*When, How & Why We Should  
Manage Aquatic Plants—Bo  
Burns, SePRO Corp.*

*Sport Fisheries Mgmt in Virginia  
Ponds: A Matter of Balance—  
Brian Murphy, Virginia Tech*

*Lake, Pond and BMP Design &  
Mgmt—Toni Small,  
Williamsburg Environmental  
Group, Inc.*

**Session 4B  
Use of Commercial  
Products**

*Mr. Stuart Stein, GKY&A*

*Turf Reinforcement Mats for Storm  
Water Mgmt & Watershed  
Protection Applications—Walter  
Cohn, Thomas Diloreto, ACF  
Environmental*

*Manufactured BMPs as They Apply  
to VDOT—William Springer,  
Dewberry & Davis*

*The Benefits of Geotextiles in Lake  
Dredging—Douglas Gaffney, SI  
Corp, Walter Cohn, ACF  
Environmental*

**Session 4C  
Design of Stormwater  
Facilities**

*Mr. Tim Davey, Timmons*

*Precipitation Analysis as Needed for  
Design Risks—Bill Frost, KCI  
Technologies*

*A Practical Approach in Designing  
Small Stormwater Pumping  
Stations—Seshadri  
Suryanarayana, Woolpert LLP*

*Issues Relative to construction &  
Maintenance of Small Dams &  
Associated Structures—Scott  
Cahill, Aquacon, Inc.*

*BMP/Water Quality Design—  
Kevin Shunk, Dewberry &  
Davis*

**MONDAY EVENING, MARCH 12, 2001**

**5:00 – 6:30 PM Reception (Exhibit Hall—Cash Bar)**

**6:30 – 7:00 PM Virginia Lakes and Watersheds Association Business Meeting (Banquet Hall)**

TUESDAY MORNING, MARCH 13, 2001



7:30 – 8:00 AM Coffee (Reception Area)

**8:00 – 9:30 AM Fifth Concurrent Sessions**

**Session 5A  
Dam Safety and Design**

*Mr. Jon Phillippe, DCR*

*Improvement Modifications to Motts Run Dam—Gordon Warren, Gannett Fleming, Inc.*

*Roller Compacted Concrete for Water Resources Applications—Randall Bass, Portland Cement Association*

*Construction of Hunting Run Dam—Boyd Howard, Gannett Fleming, Inc.*

*Woodland Pond Dam: A Case Study of Dam Reclassification Due to Landuse Changes—Kelly Ramsey, Timmons*

**Session 5B  
Floodplain Mgmt II-Funding Assistance  
To Justify Proactive Floodplain Mgmt &  
Pre-Disaster Planning**

*Mr. Kevin Pullin, Timmons*

*How to Identify Technical & Funding Resources for Watershed Protection—Maureen Castern, City of Roanoke*

*Innovative Initiatives in North Carolina to Fund New Flood Study Updates—Scott Edelman, Watershed Concepts*

*Funding Proactive Floodplain Management Activities Under NPDES Phase II Program—Ed Beadenkopf, AMEC*



9:30 – 10:00 AM Break (Coffee in Exhibit Hall)

**10:00 – 11:30 AM Sixth Concurrent Sessions**

**Session 6A  
Riparian Restoration**

*Mr. James Suddreth, Loudoun County*

*Prediction of Stream Geometry in the Maryland Piedmont Based on Land Use & Urbanization—Seth Brown, GKY&A*

*Erosion Control with Soil-Cement: Slope Protection, Streambanks & Channels—Randall Bass, Portland Cement Association*

*Urban Stream Restoration in Northern Virginia—Paul Makowski, Dewberry & Davis*

*Making a Case for Streambank Stabilization Projects—Judith Gerlach Okay, Virginia Dept. of Forestry*

**Session 6B  
Source Water Protection**

*Dr. Ken Young GKY&A*

*Implementing the Source Water Assessment Program—Christopher Adkins, VA Dept. of Health*

*Watershed Activities that Provide Regulatory Credits for Drinking Water Source Protection—Christine Estes, GKY&A*

*A Cooperative Regional Source Water Assessment Program for Surface Water Utilities in Hampton Roads—Scott Emry, Hampton Roads Planning District Commission*

Noon – 1:30 PM Luncheon (Banquet Hall)

**Dam Safety Awards Presentations and Keynote Address: John Peterson, National Watershed Coalition Specialist and retired Assistant Chief of SACS (now NRCS) – “A Retrospective View of Water Resources from the National Watershed Coalition Viewpoint”**

TUESDAY AFTERNOON, MARCH 13, 2001

1:30 – 2:30 PM Virginia Floodplain Management Association Meeting