

Strengthening Community Awareness to Protect & Restore Our Environment

8th Virgin Islands

NONPOINT SOURCE POLLUTION CONFERENCE

Time	Thursday, December 4	
8:00 - 9:00	Registration / Breakfast	
9:00 - 10:00	Opening Session – Great Cruz Bay Ballroom Moderator: Marcia Taylor, UVI-VIMAS, Chair, NPS Committee	
9:00 - 9:30	<p>Welcome Marcia Taylor, UVI-VIMAS, Chair, NPS Committee Dean C. Plaskett, Esq., Commissioner, V.I. Department of Planning and Natural Resources Hollis Griffin, Director, DPNR Division of Environmental Protection Dr. LaVerne E. Ragster, President, University of the Virgin Islands</p>	
9:30 - 10:00	<p>Opening Remarks Senator Louis P. Hill, Chair, Planning & Environmental Protection Committee, 25th Legislature of the Virgin Islands</p> <p>Continued Progress with the Nonpoint Source Pollution Program Donna Somboonlakana, Nonpoint Source Coordinator, U.S. EPA Region 2</p>	
	Session I – Keynote Address	
10:00 - 11:00	<p>Tools to Protect Watersheds on Small Islands Thomas R. Schueler, Director of Watershed Research and Practice, Center for Watershed Protection, Ellicott City, MD</p>	
11:00 - 11:30	Poster & Exhibit Review Session	
11:30 - 12:30	Lunch	
	Concurrent Sessions	
12:30 - 3:00	<p>Session II – Case Studies / Research: Land Use Impacts on Water Quality <i>Great Cruz Bay Ballroom</i> Moderator: William F. McComb, P.E., W.F. McComb Engineering, P.C.</p>	<p>Session III – V.I. Government Initiatives <i>Coral / Reef Bay Room</i> Moderator: Anita Nibbs, Acting Director of Water Pollution Control, DPNR Division of Environmental Protection</p>
12:30 - 1:00	<p>Better Site Design Principles for the Virgin Islands, Bill Rohring, DPNR Coastal Zone Management</p>	<p>TMDLs: An Enforceable Nonpoint Source Mechanism, Amanda Sackey, DPNR TMDL Program</p>
1:00 - 1:30	<p>Low-Impact Development Practices for the Virgin Islands, Julie Wright, UVI Cooperative Extension Service</p>	<p>Stormwater Permitting: The Answer to Earth Change Woes, Alice Charles, DPNR Division of Permits</p>

Time	Thursday, December 4 (cont.)	
1:30 - 2:00	A Watershed Approach to Characterize the Influence of Land Use Change On Aquatic Resources , Stephen Klaine, <i>Clemson University</i>	The Virgin Islands Beach Water Quality Monitoring Program , Leah Motta & Dianna Castro, <i>DPNR Water Pollution Control Program</i>
2:00 - 2:30	Changing Land Use and the Environment: Water Quality, Sampling Methods, and Instrumentation , John Smink, <i>Clemson University</i>	Water Quality in the US Virgin Islands: 2002 Integrated Report Assessment Explained , Hector Squiabro, <i>DPNR Water Quality Management Planning Program</i>
2:30 - 3:00	The Effect of Bottom Sediment Reservoirs on Surface Water Fecal Coliform and E. Coli Levels , Louwanda Jolley, <i>Clemson University</i>	DPNR's Initiative to Reduce Used Oil in Nonpoint Pollution , Jason Henry, <i>DPNR Solid Waste Program</i>
3:00 - 3:30	Break – Review Poster Presentations & Exhibits	
3:30 - 5:00	Session IV – Case Studies / Research: Stream Restoration <i>Great Cruz Bay Ballroom</i> Moderator: Dr. Barry Devine, <i>Chief Scientist, UVI Conservation Data Center</i>	Session V – NPS Education & Outreach <i>Coral / Reef Bay Room</i> Moderator: Bill Rohring, <i>GIS Planner, DPNR Coastal Zone Management Program</i>
3:30 - 4:00	Understanding the Effects of Nutrients and Sediment on Invertebrate Bioindicator Species , William Fisher, <i>Oklahoma State University</i>	Addressing Marine Debris , Marcia Taylor, <i>UVI Center for Marine & Environmental Studies</i>
4:00 - 4:30	Demonstration of Greenway Development to Protect Ecological Services in Small Urban Streams , Robert Morgan, <i>University of Arkansas</i>	Integration of Scientific Knowledge, Professional Engineering Management, and Social Values to Inform Ecosystem Management Deliberations , William Focht, <i>Oklahoma State University</i>
4:30 - 5:00	Lessons Learned for Stream Restoration Using Natural Channel Design , Greg Jennings, <i>North Carolina State University</i>	Using Upland Watershed Models to Inform Policy Makers and Stakeholders About Land and Management Impacts on Sediment and Nutrient Loads , Daniel Storm, <i>Oklahoma State University</i>
5:30 - 7:00	Welcome Reception	

Time	Friday, December 5	
8:00 - 9:00	Registration / Breakfast	
9:00 - 11:30	Concurrent Sessions	
	<p style="text-align: center;">Session VI – Case Studies/Research: Habitat/Resource Restoration <i>Great Cruz Bay Ballroom</i> Moderator: Julie Wright, <i>Natural Resources Program Supervisor, UVI Cooperative Extension Service</i></p>	<p style="text-align: center;">Session VII – Case Studies/ Research: Agriculture <i>Coral / Reef Bay Room</i> Moderator: Diane Capehart, <i>319 Program Administrator, DPNR Division of Environmental Protection</i></p>
9:00 - 9:30	<p>Coral Bay, St. John-State of the Bay: Sediment Deposition, Reef Assessment and Water Quality, Dr. Barry Devine, <i>UVI Conservation Data Center</i></p>	<p>Changing Landuse Real-Time Water Quality Monitoring System, Megan Goddard, <i>Clemson University</i></p>
9:30 - 10:00	<p>Mangrove Forest in Areas of High Human Activity: A Survey, La Parguera, Puerto Rico, Harvey Minnigh, <i>RCAP</i></p>	<p>Integrated Design and Evaluation Assessment of Loadings (IDEAL), John Hayes, <i>Clemson University</i></p>
10:00 - 10:30	<p>Greening of Government - A Government of Jamaica's Response to Agenda 21, Elizabeth Emanuel, <i>Government of Jamaica</i></p>	<p>Estate Bordeaux Watershed Enhancement: Pond Lining Project, Dr. Louis Petersen, <i>UVI Cooperative Extension Service</i> and Benita Martin-Samuel, <i>We Grow Food, Inc.</i></p>
10:30 - 11:00	<p>Nonpoint Source Pollution Affecting Tourism in Jamaica: Government of Jamaica's Response, Monifa Blake, <i>Government of Jamaica</i></p>	<p>The Use of Man-Made Ponds for Crop Farming to Reduce the Level of Nonpoint Source Pollution in the Bethlehem Watershed, Errol Chichester, <i>VI Department of Agriculture</i></p>
11:00 - 11:30	<p>Break – Review Poster Presentations & Exhibits</p>	<p>Surface Runoff Retention on St. Croix-Potential Benefits to Farming and Marine Environments, Kendall Peterson, Percival Edwards & Kelly Gloger, <i>St. Croix Farmers in Action</i></p>
11:30 - 12:00	<p>Presentation of Youth Logo Contest Winners Donna Griffin, <i>Environmental Education Specialist, DPNR Division of Fish & Wildlife</i></p>	
12:00 - 1:00	Lunch	
1:00 - 1:15	Review Poster Presentations & Exhibits	
1:15 - 1:30	Meet at Westin Dock for Marine Field Trip	
1:30 - 4:30	Marine Field Trip – Boat Tour of St. John's South Shore & Return to Westin	

Time	Friday, December 5
10:00 - 11:30	<p align="center">Special Youth Session Trunk Bay Room Moderators: Donna Griffin, <i>DPNR Division of Fish & Wildlife</i> and Lillian Moolenaar, <i>DPNR Coastal Zone Management Program</i></p>
10:00 - 11:30	<p>Nonpoint Source Pollution for Middle Schools, John Kuriawa, <i>Coastal Nonpoint Source Program Coordinator, NOAA Coastal Program Division</i></p>

Exhibits

Division of Fish & Wildlife Environmental Education Program
Donna Griffin, DPNR Division of Fish & Wildlife

25 Years of Coastal Zone Management
Lillian Moolenaar, DPNR Coastal Zone Management Program

Newly Revised Soil Survey of the U.S. Virgin Islands
Rudy G. O'Reilly, Jr., USDA Natural Resources Conservation Service

Pollution Prevention Materials and Practices for the Virgin Islands
Julie Wright, V.I. Nonpoint Source Pollution Committee

Poster Presentations

South Florida Water Quality Protection Program

Daniel Apt, *Florida Department of Environmental Protection*

Mangrove Restoration – Lameshur Bay, St. John

Jeremiah Blondeau & Mayra Suarez-Velez, *UVI Center for Marine & Environmental Studies*

The Know-How's of the 319 Grant Application Process

Diane Capehart & Verline Marcellin, *DPNR Division of Environmental Protection*

Coral Bay, St. John – State of the Bay: Sediment Deposition, Reef Assessment & Water Quality

Dr. Barry Devine, *University of the Virgin Islands*

Using Technology to Save the Environment

Alexis Doward, *DPNR Division of Building Permits*

US Virgin Islands Forest Stewardship Program

David Howlett, *USVI Department of Agriculture*

Establishing Watershed-Based Treatment Standards for Local Wastewater Management in Rhode Island Coastal Communities

Lorraine Joubert, *University of Rhode Island Cooperative Extension*

Pesticide Handling to Minimize Pollution

Dr. Josef Keularts, *UVI Cooperative Extension Service*

Recent Increase in Sediment Input into Coral Bay, St. John, USVI: A Historical Perspective

Rebekka Larson, *Eckerd College*

Groundwater Vulnerability Assessment

Emanuel Liburd, *DPNR Division of Environmental Protection*

Alternative Onsite Wastewater Treatment Technologies to Protect Public Health & Watersheds

George Loomis, *University of Rhode Island Onsite Wastewater Training Center*

Evolution of the 319 Program from Infancy to Maturity

Gerraine Lubrin, *DPNR Division of Environmental Protection*

Poster Presentations

Development and Application of STJ EROS: A GIS-Based Sediment Budget Model for St. John, USVI

Carlos Ramos-Scharron, *Colorado State University/Island Resources Foundation, Inc.*

VIMAS Outreach Activities on St. Thomas

Mayra E. Suárez-Vélez, *UVI Center for Marine & Environmental Studies*

Characterization of Nonpoint Source Contributions to the Water Quality Status of Two Watersheds in Puerto Rico

David Sotomayor-Ramirez, *University of Puerto Rico - Mayaguez Agronomy & Soils Department*

Updates of the Water Quality Monitoring Program in the USVI

Violeta Villanueva-Mayor, *DPNR Division of Environmental Protection*

The USDA-CSREES National Water Quality Program

Lloyd Walker, *Colorado State University*

Solid Waste Impact on NPS Pollution

Cecil Williams, *DPNR Division of Environmental Protection*

Virgin Islands Environmental Protection Handbook

Julie Wright and Dale Morton, *UVI Cooperative Extension Service*