24TH ANNUAL ENVIRONMENT VIRGINIA SYMPOSIUM

CHARTING OUR FUTURE:

New Tools for Complex Challenges

April 9 - 11, 2013

VIRGINIA MILITARY INSTITUTE
CENTER FOR LEADERSHIP AND ETHICS

Register before March 12 to save!

SYMPOSIUM SCHEDULE - SNAPSHOT

TUESDAY, 9 APRIL

Registration
Session A
Exhibits open until 7:00 pm
Lunch
Plenary: **Dr. Robert Johansen, Distinguished Fellow, Institute for the Future: "Future Trends and Thriving Leadership"**
Sessions B & C
Opening Reception
Sponsors Reception *(by invitation)*

Robert Johansen

WEDNESDAY, 10 APRIL

Special Breakfast with COL Paul Olsen, USACE, Norfolk District
Buffet Breakfast
Exhibits open until 5:30 pm
Plenary: **The Honorable Doug Domenech, Secretary of Natural Resources & David Paylor, Director, DEQ: "Reflecting on 20 years – Envisioning the next 50"**
Session D
Lunch
Sessions E & F
Plenary: **The Honorable Paul D. Fraim, Mayor, City of Norfolk, VA**
Session G
Environment Virginia Symposium Banquet *(extra registration)*
Awards Presentations

Doug Domenech

Paul Fraim

THURSDAY, 11 APRIL

Buffet Breakfast
Exhibits open until 1:00 pm
Sessions H & I
Plenary: **Raul Diaz-Lugo, Plant Manager, Stonewall Bio/Pharmaceutical Operations, Merck**
Closing Luncheon *(extra registration)*

Raul Diaz-Lugo

SESSION HIGHLIGHTS

Trending to Net Zero

Manufacturers, local governments and universities are taking initiatives to cut costs and minimize their footprints by optimizing use of energy, water, and materials. Consumers want more information about product sources. Sessions will look at ways businesses and others are charting a future to maximum efficiency of resources in-house and throughout the supply chain.

Stormwater

Whether developing a local plan, looking to an MS4 Permit reissuance, or getting the latest on a construction general permit, localities across Virginia are working hard to meet regulations and protect our watersheds. Sessions will address developing a local ordinance, ePermitting, funding, Manufactured Treatment Devices, and more. Join leaders from municipalities, DCR, EPA, and businesses.

Nutrient Reduction and Bay TMDL

Virginians are harnessing the power of the market, scientific modeling, and voluntary measures to meet our complex challenges. Learn the latest about nutrient trading, the James River Chlorophyll Study, Resource Management Plans, Small Animal Feeding Operations, and more.

Future Visioning

"What issues, if not addressed effectively in the near future, will be a major concern for you and your constituencies 30 – 50 years from now?" On the occasion of the 20th Anniversary of DEQ, the Commonwealth of Virginia is seeking input from all stakeholders concerning long-term environmental and energy priorities.

Energy

Join leaders from across the state to hear the latest on uranium mining, alternative fuel vehicles, off-shore wind, natural gas, geothermal, and energy conservation in Virginia.

CONCURRENT SESSIONS

As of 13 February 2013. Check our website for updates and changes.

SUBJECT	Tuesday			
ONE **Trending to Net Zero**	Alternative Fuel Vehicles			Net Zero Waste
TWO **Stormwater**	Developing a Local Program	Local Ordinances	ePermitting	MS4 Next Generation
THREE **Social Media**	*Visit Another Track*	Social Media 101	Social Media 102	Social Media 201
FOUR **Reducing Nutrients**	Water Quality Paper Session	UVA Bay Game *(Limited number of players!)*		WIP Milestones
FIVE **Education**	Water Quality Paper Session	Community Involvement		Collaboration
SIX **Ecology**	Water Quality Paper Session	Natural Areas of Virginia	*Flora of Virginia*	Field Trip: Back
SEVEN **Energy**	Envisioning: Energy	Alternative Fuel Vehicles		Status of Uranium Mining
EIGHT **Our FUTURE**	Envisioning: Energy	Envisioning: Water Quality	Envisioning: Water Supply	Envisioning: Climate Trends

Wednesday			Thursday	
Net Zero Energy	Net Zero Water	Net Zero Air	Zero-Supply Chain	
Construction General Permit	Financing your Stormwater Program	Establishing a Stormwater Utility	Manufactured Treatment Devices (VTAP)	
Reputation Building and Damage Control	Using Analytics to Reach Your Audience	Emergency Preparation and Response	Video Messaging and YouTube	
James River Chlorophyll Study	Resource Management Plans	Voluntary Initiatives	Nutrient Trading	
Preparing for the Next Big Storm		Human Behavior	Revolving Loan Funds in Higher Education	
k Campus Flora	Chesapeake Bay Ecology	Environmental Education	*Flora of Virginia*	LiDAR Mapping Living Shorelines
Off-Shore Wind		Natural Gas	Geothermal	
Envisioning: Societal Growth I	Envisioning: Societal Growth II	Next Generation Regulations	Next Generation Regulations in Virginia	

Get Up to Speed on Social Media

Learn how to optimize social media for environmental communications. Topics include: developing your voice; monitoring your reputation; preparing and responding to emergencies; using analytics; and for newbies, Social Media 101. This is the year of the video; learn cost-effective methods for video messaging.

Regulatory and Statuary Reform

Can we achieve greater environmental progress faster and more cheaply? *Breaking the Logjam* (Yale University Press) addresses just this. Hear contributing authors Bill Pedersen and Jeffery Canon discuss regulatory reform. Join a follow-up discussion with Commissioner of Agriculture and Consumer Services, Matt Lohr; Kay Slaughter of Southern Environmental Law Center; and Tim Hayes and Brooks Smith of Hunton and Williams.

UVA Bay Game

Come "play" a state-of-the-art tool for meeting complex challenges developed by the University of Virginia. A simulated computer model engages players in designing collaborative solutions for economic and environmental sustainability. The number of players is limited so make sure to register early!

Flora of Virginia, Beautiful Virginia

Enjoy a breath taking journey across the natural areas of Virginia by Gary Fleming, DCR. Take a tour of the newly released *Flora of Virginia* as seen by project coordinator Chris Ludwig and 1762 author John Clayton, as portrayed by Richard Cheatham. Join a hike to explore an ecologically diverse local area.

Register by 12 March before late rate kicks in.

www.vmi.edu/environmentva

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Virginia Department of Environmental Quality
Virginia Environmental Endowment
Virginia Military Institute

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As of 13 February

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WHERE BUSINESS GETS DONE!

Whether you are meeting new customers or old friends, EV is the place to get business done. More than 750 environmental professionals attended last April. Forty-percent were first-time attendees and ten-percent were decade-long participants. A few sponsor and exhibitor opportunities remain. Don't miss out. Call 540-464-7361 or visit www.vmi.edu/environmentva.

Earn Continuing Education Units (CEU)