24TH ANNUAL ENVIRONMENT VIRGINIA SYMPOSIUM

9 - 11 APRIL 2013

VIRGINIA MILITARY INSTITUTE • CENTER FOR LEADERSHIP AND ETHICS • LEXINGTON, VIRGINIA

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Tuesday, 9 April

9:00 am – 11:30 am	**Exhibit Set-up**
11:30 am – 8:00 pm	**Visit Exhibits**
9:00 am – 5:30 pm	**Attendee Registration**
9:30 am – 11:30 pm	**Session A** (see topics page 3)
12:00 pm – 1:00 pm	**Lunch**
1:00 pm – 2:30 pm	**Future Trends – Thriving Leadership** *Dr. Robert Johansen, Institute for the Future*
2:45 pm – 4:00 pm	**Session B** (see topics page 3)
4:15 pm – 5:30 pm	**Session C** (see topics page 3)
5:30 pm – 7:00 pm	**Opening Reception**

Wednesday, 10 April

7:15 am – 8:15 am	***Balancing Our Passion to Build with Our Responsibility to Sustain*** *Colonel Paul Olsen, US Army Corps of Engineers, Norfolk District*
7:00 am – 5:30 am	**Attendee Registration**
7:30 am – 8:30 am	**Buffet Breakfast**
7:30 am – 5:30	**Exhibit Hall Open**
8:30 am – 9:30 am	***20th Anniversary of DEQ – A Look Back, a Look Ahead*** David Paylor, Director, Virginia Department of Environmental Quality ***THE FUTURE: Environmental & Energy Priorities*** The Honorable Doug Domenech, Virginia Secretary of Natural Resources

9:45 am – 11:00 am	**Session D** (see topics page 3)
11:30 am – 1:30 pm	**Lunch** **Visit Exhibits**
11:15 am – 12:30 pm	**Session E** (see topics page 3)
12:45 pm – 2:00 pm	**Session F** (see topics page 3)
2:15 pm – 3:15 pm	**Challenges and Opportunities for Communities and Local Governments** The Honorable Paul Fraim, Mayor, City of Norfolk, VA
3:30 pm – 4:45 pm	**Session G** (see topics page 3)
5:30 pm – 8:00 pm	**Environment Virginia Banquet** (*extra registration*) ***Flora of Virginia*** – John Clayton as portrayed by Richard Cheatham Presentation of Governor's Environmental Excellence Awards and Erchul Environmental Leadership Award

Thursday, 11 April

7:00 am – 8:00 am	**5K Fun Run/Walk (VMI North Post)**
7:00 am – 12:00 am	**Attendee Registration**
7:30 am – 8:30 am	**Breakfast**
7:30 am – 1:00 pm	**Exhibit Hall Open**
8:30 am – 9:30 am	**Session H** (see topics page 3)
9:45 am – 10:45 am	**Session I** (see topics page 3)
11:00 am – 12:00 pm	**Environmental and Economic Sustainability for Manufacturers** • Raul Diaz-Lugo, Plant Manager, Merck • Jim Marcinko, Area Director of Operations, Recycling and Waste Diversion, Waste Management
12:15 pm – 1:00 pm	**Luncheon** *(extra registration)* Speaker - TBD
12:00 pm – 1:00 pm	Sustainability in Higher Education Luncheon and Virginia Sustainability in Higher Education Consortium Quarterly Meeting
1:00 pm	Adjourn

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	Tuesday			Wednesday				Thursday	
Subject	A 9:30-11:30	B 2:45-4:00	C 4:15-5:30	D 9:45-11:00	E 11:15-12:30	F 12:45-2:00	G 3:30-4:45	H 8:30-9:30	I 9:45-10:45
One **Trending to Net Zero**	Alternative Fuel Vehicles			Net Zero 1	Net Zero 2	Net Zero 3	Net Zero 4	Zero-Supply Chain	
Two **Stormwater**	Developing a Local Program	Local Ordinances	ePermitting	MS4 Next Generation	Construction General Permit	Financing your Stormwater Program	Establishing a Stormwater Utility	Manufactured Treatment Devices (VTAP)	
Three **Social Media**		Social Media 101	Social Media 102	Developing your Voice and Using Metrics	Reputation Building and Damage Control		Emergency Preparedness and Response	Video Messaging and YouTube	
Four **Reducing Nutrients**		UVA Bay Game (Limited number of players!)		WIP	James River Chlorophyll Study	Wastewater	Voluntary Initiatives (including RMPs)	Nutrient Trading	
Five **Education**		Community Involvement Paper Session	Environmental Ed. Paper Session	Preparing for the Next Big Storm			Factoring in Human Behavior	Funding Campus Sustainability	Revolving Loan Fund
Six **Ecology**		Ecological Regions and Natural Areas of Virginia	*Flora of Virginia*	*Field Trip* A Walk down to the River		Chesapeake Bay Ecology	Collaboration	*Flora of Virginia*	LiDAR Mapping and Living Shorelines
Seven **Energy Development**			Energy and Water Quality Paper Session	Uranium Update and Lessons Learned	Off-Shore Wind		Natural Gas	Geothermal	
Eight **Our FUTURE**	Envisioning: Energy	Envisioning: Water Quality	Envisioning: Water Supply	Envisioning: Societal Growth I	Envisioning: Societal Growth II	Envisioning: Climate Trends	Next Generation Regulations	Next Generation Regulations in Virginia	

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