

Regenerative Design

Hosted at the Second Presbyterian Church,
5 North 5th Street, Richmond, VA 23219
Spring Conference- April 4, 2008

Virginia Chapter of American Society of Landscape Architects

General Information

Ticket Price	\$55	Members- ASLA and Second Presbyterian Church members
	\$65	Non-Members
	\$30	Students/ Seniors
Meals	Breakfast: coffee, doughnuts, bagels, fresh fruit and bottled water.	
	Lunch: sandwiches, side salads, cookies, water, and soda	
Reservations:	Refer to website for on-line registration options or mail form and payment by check to VA-ASLA, 11712C, Jefferson Avenue #249, Newport News, Virginia 23606. Thank you and see you there!	

Summary of Sessions

Carol Heiser, Habitat Education Coordinator, DGIF

Restoring Wildlife Habitat and Connecting Children to Nature through Conservation-based Landscape Design

An overview of critical issues facing Virginia's children, communities and natural resources that can be reversed through thoughtful, sustainable, ecological design.

Carol Heiser began her career at Virginia Tech with a Bachelor's of Science degree in Forestry and Wildlife. She then launched into the environmental education field as a Naturalist for 4 years at Fauquier County Parks and Recreation, and then as a Conservation Specialist for 2 ½ years at the John Marshall Soil and Water Conservation District in Warrenton.

Carol is now a Habitat Education Coordinator at the Virginia Department of Game and Inland Fisheries in Richmond, where she has worked for almost 15 years. She conducts wildlife habitat programs and trainings for teachers, Master Gardeners and Master Naturalists; does a variety of natural resource programs and exhibits at conferences and other events; and writes periodic articles for *Virginia Wildlife* magazine. In 2006 she received the "Conservation Communicator of the Year" award from the Northeast Conservation Information and Education Association. Carol is also a student member of the VA Society of Landscape Design and recently received a Landscape Design Certificate from George Washington University.

Carol's current focus is on providing technical assistance and education outreach to landscape architects, designers, builders and land use planners about conservation landscaping practices that improve wildlife habitat and connect people with nature.

Julia Monteith and Mary Hughes, UVA

The Lawn and Beyond: Sustainable Stewardship at the University of Virginia

Julia Monteith, Senior Land Use Planner, and Mary Hughes, University Landscape Architect, will discuss recent stewardship initiatives at the University ranging from campus-wide sustainability guidelines and long-range land use planning to the integration of sustainable practices into the site planning and design of specific projects.

Mary Hughes, FASLA

Since 1996, Mary Hughes, FASLA, has been the University Landscape Architect for The University of Virginia. A native Ohioan, she earned a B.A. degree in French from Wittenberg University and master's degree in Comparative Literature from The University of North Carolina prior to receiving her M.L.A. degree from The University of Virginia. Prior to assuming her current position, she served as a historical landscape architect for the Midwest Region of the National Park Service, overseeing preservation projects



for a wide range of vernacular and designed landscapes in national parks and historic sites throughout a 10-state region.

Julia Monteith, AICP

As a professional planner, Ms. Monteith specializes in the stewardship of institutional and campus environments. Trained as both an architect and a landscape architect, her focus is on integrated planning and design, particularly in the realm of complex University campus's. She is skilled in collaborating with project teams and leading decision-making among diverse client groups and stakeholders. Ms. Monteith has extensive experience in developing complex master plans for land use, urban design, and precinct level plans for major institutions within the United States. Previously a campus planner at UC Berkeley, Ms. Monteith is now the Senior Land Use Planner at University of Virginia.

Eugene Ryang, McKee Carson and Field Sport Concepts, Ltd.

Expanding the Definition of LID in Everyday Landscapes: Regenerative Design for a Bank, a School and a Planned Community

The presentation will involve case studies of low-impact development in every day landscapes such as a bank, a school and a small planned community. I will discuss issues of low-impact development that extend beyond alternative stormwater strategies, i.e. how we as landscape architects and design engineers look at sustaining and/or regenerating a site's hydrology's, ecologies and geomorphologies.

Eugene Ryang, Principal, CLA - Landscape Architect

As one of the principals of the landscape architecture and design engineering firm of McKee Carson and Field Sports Concepts, LTD., Mr. Ryang and his associates have been at the forefront of sustainable design and Low-Impact Land Development (LID) techniques throughout Virginia and the mid-Atlantic region. He received his Masters Degree in Landscape Architecture and Cultural Anthropology from the University of Virginia. He has overseen and collaborated on a number of private and public projects that include schools and universities, parks and arboretums, equestrian farms, zoos and rural and urban land developments. His participation in these projects involved all levels of design from master planning to design development and construction documentation. His work brings an understanding and keen interest in sustainable engineering systems and 'green' technologies.



Lynn Crump, CLA, Environmental Programs Planner for Virginia Dept. of Conservation and Recreation

2007 Virginia Outdoors Plan: outdoor recreation and open-space planning

Lynn Crump, CLA

Lynn is an Environmental Programs Planner for Dept. of Conservation and Recreation (DCR). She holds both an undergraduate and master's degree in Landscape Architecture. Through DCR she provides technical support for: Scenic River Program, Scenic Byways Program, environmental reviews, state park master planning, and technical support for local and state recreation planning efforts. She also has extensive training in Crime Prevention Through Environmental Design (CPTED) and is active in the Virginia Safer By Design Coalition, a sub-committee of the Virginia Crime Prevention Association. She is Trustee for the Virginia Chapter of ASLA (American Society of Landscape Architects) and involved in other community organizations.

Tom Jacobson, Director of Community Revitalization for Chesterfield County and Charles Peters, retired City Planner for Richmond, VA

The Realities of Urban and Suburban Renewal and the Reuse of Facilities

An Overview of Metropolitan Development Trends will begin with a discussion on Urban Redevelopment and Reuse by Charles Peters covering topics including rediscovering the urban fabric with examples from Richmond, VA. Tom Jacobson will present the Suburban Redevelopment and Reuse by focusing on what is worth keeping, the establishment of pedestrian facilities and the creation of suburban mixed use centers with a backup of examples from Chesterfield County, VA.

Tom Jacobson, AICP, Revitalization Director, Chesterfield County

Mr. Jacobson is currently employed as the Director of Revitalization in Chesterfield County that has 300,000 residents in suburban Richmond. He is also an Adjunct Professor of Urban Planning at Virginia Commonwealth University. Mr. Jacobson previously worked for 17 years as the Director of Planning for Chesterfield County; as the Assistant Director of Planning and Building Services, in Sioux Falls, SD; as an Assistant professor at the University of North Dakota and as a City Planner in Grand Forks, ND. Mr. Jacobson has a BS in Civil Engineering and a MS in Environmental Planning from the University of Minnesota. He is a Certified Professional Planner and has one year working towards a PhD from the University of North Carolina in Urban Planning. Mr. Jacobson is on the Board Directors and is actively

involved in community affairs for organizations including: the Urban Land Institute (Richmond Area District), Better Housing Coalition - non-profit builder of quality affordable housing, United Way, three state planning associations, Cofounder and Chairman of Advisory Committee for the Alliance for Quality Growth - Richmond Region, and the Richmond Economic Development Corporation. He has prepared numerous articles on planning and suburban design for national publications and made numerous presentations at national and state conferences.

Charles T. Peters, Jr., Retired in 1997 after 18 years as Director - Department of Community Development, City of Richmond

Mr. Peters received a BA in City Planning in 1967 and has also completed course work and examinations for Masters of Public Administration from the University of Virginia. His professional experience began in 1967 as a Community Planner for Virginia Division of State Planning and Community Affairs. In 1970 he was a Consultant to Virginia Division of State Planning and Community Affairs. In 1972 he became the Senior Planner, Division of Program Planning, Department of Planning and Community Development, City of Richmond. He was named the Principal Planner in 1974 and then the Director of the Department of Community Development in 1979. Mr. Peters has a long history of civic involvement including the following: Member, Human Services Planning Division Board, Agency Evaluation Committee, Community Building Committee, Campaign Cabinet, and Chair, Homeless Action Council, United Way Services; Member of Board of Directors, Founding Member, Richmond Better Housing Coalition; Member, Richmond Public Art Commission; Board Member, William Byrd Branch, Association for the Preservation of Virginia Antiquities; Commissioner, Vice Chair and Chair, Richmond Redevelopment and Housing Authority; Member and Executive Vice President of Board, Co-Chair of Building Committee, Council for America's First Freedom; Board Member, Founding Member, Virginia Motorcyclists Against Cancer; Board Member, Treasurer, Vice President and President, City Celebrations (formerly Downtown Presents); Board Member, Vice Chairman and Chairman, Virginia Commonwealth University Real Estate Foundation; Member of Board and Executive Committee, Virginia Performing Arts Foundation; Member of Board and Executive Committee, Richmond Eye and Ear Health Care Alliance; Board Member, Founding Member, BMW Motorcycle Owners of America Educational Foundation; Member and Past President, Fan District Association. Mr. Peters is currently a resident of Richmond, Virginia, where he lives with his wife, Greta Brown Peters. They have one child, Charles T. Peters, III.



Susan Block, Chesapeake Bay Grant Manager

DCR and WQIF Grant Programs for Rain Gardens and LID initiatives

This Session will present funding sources and opportunities for rain gardens, low impact development and water quality landscaping practices. Information will include funding availability from state, federal and private revenues targeted to improve water quality by reducing nonpoint source pollution loadings.

Susan Block is the Chesapeake Bay Grant Manager with the Department of Conservation and Recreation's Division of Soil and Water Conservation. She currently oversees financial and programmatic aspects related to Virginia's role in the Chesapeake Bay Program partnership for implementing nutrient and sediment reduction activities from nonpoint source pollution sources. Prior to working in DCR's Richmond headquarters, Susan spent 8 years as the regional liaison for DCR to soil and water conservation districts covering 18 counties and cities in Central Virginia. A Virginia Beach native, Susan began her career in the mid-1980's after receiving a degree in Forest Management. During an 8-year tenure with the Virginia Department of Forestry and a few years in the private consulting forestry business, she assisted non-industrial, private forest landowners with services ranging from reforestation to timber harvesting best management practices.



Keynote Speaker
Kennon Williams, Nelson Byrd Woltz
*Re-membering the Origin, Strategies for
Regenerative Design*

Regenerative design offers a positive vision of reversing the environmental degradation and community fragmentation that have become all too common in the built world. It provides a model for harnessing the forces of development to renew and revitalize the environment and restore ecological integrity. Fundamental to that effort is the attention to particular aspects of the site --cultural and natural --that often must be transformed or renewed in order to restore integrity of place. Landscape Architecture with

its broad range of application is especially well suited to effect this promising change. This presentation provides an overview of regenerative design and uses examples from the work of Nelson Byrd Woltz Landscape Architects and others to illustrate application in the field.

Kennon Williams lives near the Rivanna River, a sub-watershed of the James River. A short walk from his house is the main office of Nelson Byrd Woltz Landscape Architects where he is a Senior Designer and Project Manager. In that capacity, he has worked on numerous public and private projects both in the United States and abroad, that range in scale from the single site to regional and urban landscapes. Like many of the firm's projects, several of these have been recognized widely for their environmental sustainability and have garnered national and state design awards. He has also served on expert panels and focus groups that address issues of site design, water use, and biodiversity.

Rob Winstead, VMDO; John Reno, PHR + A and Pete O' Shea

Siteworks: Small, Medium, and Large: Innovative Storm Water Management in Four Public Projects

This presentation will review case studies to present a variety of innovative storm water management techniques used in three public projects in Virginia.

Small: *A.R. Ware and T.C. McSwain Elementary Schools, Staunton City Public Schools, Staunton, VA*

Medium: *Student Center, Averett University, Danville, VA and/or Poquoson Elementary School, Poquoson City Schools, Poquoson, VA*

Large: *The John Paul Jones Arena, The University of Virginia, Charlottesville, VA*

Robert B. Winstead, AIA, LEEDap

As the Director of Sustainable Design at VMDO Architects in Charlottesville, VA, Rob works with clients and the project team to pursue the highest possible sustainable design and building performance goals on every project in the office. Rob has worked on a wide variety of projects and building types, but is particularly interested in projects that explore the margins between architecture and landscape and reveal the natural systems at work on the site. His work has garnered awards from the James River Chapter of the U.S. Green Building Council, the Central Virginia AIA, the Virginia State AIA, The Council of Educational Facilities Planners, DesignShare, and the Virginia ASLA.

John D. Reno, PE

John D. Reno, PE, Director of Civil Engineer at PHR+A's Charlottesville office, is a seasoned engineer with over 15-years of experience in the design of innovative stormwater management systems. Mr. Reno has actively participated in well over twenty public school design projects and numerous large, stormwater management projects for higher education facilities, including special recognition for work on the University of Virginia Dell project.

Pete O'Shea, ASLA, FAAR, SITWORKS

Pete is the co-founder of Siteworks Studio in Charlottesville, a landscape architecture practice engaged in diverse works focused on the integration of cultural and ecological systems, spaces and processes. The studio sees its work as the product of a collaborative process involving architects, engineers, artists and the communities of the places where they work. Prior to founding Siteworks, Pete was involved in the design of numerous award winning projects at VMDO Architects, Nelson Byrd Landscape Architects and at EDAA in Denver, CO. All of his practice's work seeks to create habitable and beautiful places for people to work and live that are ecologically intelligent and responsive to their context. The studio is currently working on projects throughout the United States and in Canada, Europe and Central America Pete is the recipient of the prestigious Rome Prize and is a Fellow of The American Academy in Rome. He is a member of the American Society of Landscape Architects and the U.S. Green Building Council. In 2007, he was named the Top Green Designer by the Virginia Sustainable Building Network. He has served on the both the architecture and landscape architecture faculties at the University of Virginia and has served as a guest lecturer and critic at the Ohio State University and The University of Oregon. He and Siteworks are frequent contributors to community based volunteer design efforts. Pete and his wife Sara live and work in the Belmont neighborhood of Charlottesville with their three children (Patrick, Kyle and Rose) two dogs and one ageless cat. Bachelor of Arts, Fine Art, Bates College 1988
Master of Landscape Architecture, University of Virginia, 1993; Professional Registration: 2001 -
Landscape Architect Virginia

David Hirschman, Center for Watershed Protection

The Art and Science of Storm water Retrofitting

This presentation will outline stormwater retrofitting techniques presented in the Center for Watershed Protection's *Urban Stormwater Retrofit Practices*. Stormwater retrofitting involves sleuthing the best opportunities at the subwatershed scale to improve water quality and moderate storm flows. Several case studies of retrofitting will be presented, using a "rooftop to stream" context.



David Hirschman

Dave serves as the Manager for Stormwater Services for the Center for Watershed Protection. In this capacity, he coordinates the Center's stormwater projects, focusing on technical and program tools for use by local and state programs. Prior to joining the Center, Dave worked for over 20 years in the public, private, and non-profit sectors on a variety of water resources issues. For 11 years, he managed the water resources program for Albemarle County, developing ordinances, design guidance, and inspection, maintenance, and enforcement programs. He has also worked as a consultant, designing innovative stormwater approaches for public and private sites, and taught water resources courses at the university level. He has a B.A. in Biology from Duke University and a Master of Urban & Regional Planning from Virginia Tech.

Video: Fredrick Law Olmsted: *The Father of Landscape Architecture*

Beth Meyer, FASLA, Assoc Prof of Landscape Architecture at UVA School of Architecture

Why history matters beyond Dead Fred. Two Hundred Years of Ecology in Landscape Design"

Sustainability, green technologies and regenerative design are considered new themes and approaches in contemporary design debates. Sometimes, these trends may be traced back to the 1980s with Gro Brundtland and her UN Commission on Development and the Environment, or perhaps as far back as Ian McHarg's 1969 *Design with Nature*. Such limited conceptions of green design obscure the long history of landscape architecture's intertwined history with the bio-physical sciences dating back to the mid-nineteenth century. This limited view of sustainability, ecological design and landscape architecture requires an expanded approach to teaching history and theory that includes the history of science and environmentalism.

This lecture will provide an alternative reading of sustainability and regenerative design by situating these concepts within the history of American landscape architecture. This illustrated account of the intermingling of aesthetic and scientific discourses will argue that modern landscape architecture emerged out of that hybrid language. In order to claim a leadership role in green design, we should do more than learn new eco-technologies. We should claim and celebrate this long tradition of incorporating contemporary scientific theories into our design work and words today.



Beth Elizabeth K. Meyer, FASLA

Ms Meyer has lectured internationally and published widely on topics concerning landscape design theory, such as "Site Citations: Grounding the Modern Landscape" in Carol Burns and Andrea Kahn's *Site Matters* and "The Post-Earth Day Conundrum: Translating Environmental Values into Landscape Design" in Michel Conan's *Environmentalism in Landscape Architecture*. Her most recent writing, "Uncertain Parks. Disturbed Sites, Citizens and a Risk Society," explores the social implications and aesthetic conundrums inherent in the making of new parks on toxic industrial sites. It was published as a chapter in Czerniak and Hargreaves' *LARGE PARKS* (2007).

In the past year, Meyer was invited to give two keynotes at international gatherings about sustainability, one in London at the Royal Geographical Society and one in Beijing at Peking University. Those lectures will be published in Spring 2008 as "Sustaining Beauty. The Performance of Appearance" in the new European magazine, *Journal of Landscape Architecture* (JoLA).

Meyer's teaching and scholarly interests focus on three areas: the recovery and examination of modern landscape theory, the establishment of a contemporary practice of landscape criticism, and the idea of design as site interpretation (sites replete with cultural layers as well as natural processes). She is completing a book focused on these concerns, *Groundwork. Practices of Modern Landscape Architecture*, with support from the UVA School of Architecture Dean's Office, the Graham Foundation and a Dumbarton Oaks Fellowship. This research informs Meyer's teaching in design studios and lecture courses, such as "Theories of Modern Landscape Architecture," as well as in electives such as "Topics in Contemporary Landscape Theory."

Meyer joined the UVA faculty in 1993, and has served as Landscape Architecture Department Chair and Director of the Graduate Landscape Architecture Program. Previously, Meyer taught at Harvard and Cornell. She is nationally recognized as an outstanding scholar and teacher, with honors and awards from the Council of Educators in Landscape Architecture, the American Society of Landscape Architects, and the University of Virginia.

Meyer, a Fellow of the American Society of Landscape Architects, is a registered landscape architect (Maryland) who worked for EDAW and Hanna/Olin in the 1980s. Since then, she has consulted with several landscape architecture firms including Michael Vergason, Alexandria, and Van Valkenburgh Associates, Cambridge.

Maymont Gardens: Moderator: Tom Derrickson

Come join us for a trip to one of Richmond's secret treasures. We will meet at 2:30 at the entrance to the parking garage and carpool 3 miles over to Maymont. We will park for free in the Hampton parking lot and enter through the iron gate. Entering to your right will be the sweeping lawns that were landscaped in the English pastoral style, with trees installed 100 years ago from all over the world. We will re-assemble at the Herb garden and stroll down to the Italian Gardens. Noland and Baskervill of Richmond designed the Italian Garden, using elements of the classical style developed in Italy in the 15th and 16th centuries as their model. Their designs for the Cascade and the Fountain Court are patterned after similar features at the Villa Torlonia near Rome. The Italian Garden's exquisite stonework is Petersburg granite. The Maymont garden incorporates a number of features characteristic of the Italian style: fountains, geometrically-shaped beds, sculpture, the contrast of sun and shade within the long pergola that stretches along the northern edge of the garden. In keeping with the classical ideal, the Maymont garden was laid out in several levels, picture, and situated on a south-facing slope overlooking a body of water.



We will enter the garden under the shelter of the pergola, a structure consisting of parallel rusticated granite colonnades supporting a trellis-work roof on which two species of wisteria are trained. The pergola is terminated by a dome, pictured, under which the slightest sound produces a curious echo. Geometrically patterned beds, or parterres, are a distinct element of the Italian style. Three additional levels of the garden can be seen from the main level: the Secret Garden, the Promenade and the Cascade. In Italian gardens of the Renaissance, the secret garden was designed as a small, enclosed courtyard to which ladies could retire to talk and do needlework. Pictured is the view east to a stone and iron gazebo of classical design imported from Italy.



Next we will descend into the Japanese Garden stopping at a window cut into the bamboo to view the waterfall, pictured. Maymont's Japanese Garden is blend of several different styles of Japanese gardens and two distinct periods of design. It is believed the designer is Muto, a master Japanese gardener who had designed gardens for other estates along the East Coast in the early 1900's.



The Maymont Japanese Garden include trained and pruned trees and shrubs, raked sand pools, stone groupings and multiple water areas—all designed to create the impression of an old, naturally developed landscape. Design elements include stone lanterns, paths and bridges, pictured. Green, brown and gray colors are emphasized to represent the ruggedness of natural scenery. Flowers are used discreetly. Water iris bloom along the water's edge in spring, followed by the floating blooms of the water lily in summer. Cherry blossoms mark the passing of time.

James River Canal/Development Tour: Moderator: Dick Gibbons

The tour of the James River Canal System through downtown will be conducted by R. G. Gibbons, FASLA. The presenters include Erica Gay representing Adventure Richmond, Ralph White, representing the City of Richmond Parks and Recreation Department and Sue Cecil, representing the Historic Falls of the James Scenic River Advisory Committee and Lynn Crump, ASLA, representing the Department of Conservation and Recreation. The walking portion tour will begin upstream near the Dominion Power Headquarters and proceed downstream to the turning basin where participants will board boats for the final portion.

Ralph White will describe the values of the river, which have made it an important factor in the management its waters and the adjacent lands for appropriate development and conservation. Erica Gay will outline the development plans for the canal and the adjacent lands. This will include the reuse of existing building and lands for a variety public uses. Sue Cecil and Lynn Crump will outline the role of the Scenic River Committee and the value that designation as a state scenic river has had in advising the development community and governmental agencies on the importance of the river and what actions should be taken to protect the river values.

RSVP form below!

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I would like the following tickets:

_____	# of tickets at the Member price	= \$	_____
_____	# of tickets at the Non-Member price	= \$	_____
_____	# of tickets for Students/Seniors	= \$	_____
	Total Amount	\$	_____

Name: _____ Email: _____

Address: _____

Address: _____

Phone: _____ Fax: _____

We invite you to visit us at: www.vaasla.org Questions? Call VA-ASLA 757-685-4580

