

2014 North Carolina Low Impact Development Summit
Presenters' Bios In Order of Presentation

Lauren Kolodij

Deputy Director, N.C. Coastal Federation

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Kolodij heads up the Coastal Federation's low impact development stakeholder outreach efforts. Working with the executive director, her primary responsibility is to ensure implementation of the organization's program goals and objectives. She holds a B.S. degree in environmental conservation from N.C. State University. Kolodij has worked for the Coastal Federation since 1992.

Russ Stephenson

Architect and Urban Designer, Raleigh City Councilmember

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Stephenson holds two degrees from N.C. State University in architecture and urban design. In addition to his civil service on the Raleigh City Council, he served nearly three years on the Raleigh Planning Commission. Stephenson believes the rising costs of fuel, land and infrastructure have shifted economic growth away from low-density and car-oriented development, and more toward cost-effective synergy between the formerly opposing goals of economy, environment and community. Through service on Raleigh's City Council, Stephenson believes more compact, walkable, mixed-use development with better mobility choices will keep Raleigh healthy and competitive in the long run.

Larry S. Coffman

Deputy Director, Department of Environmental Resources, Prince George's County, Md.

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Coffman has more than 39 years of experience in water resources management and environmental protection in both the public and private sectors as a regulator, consultant and manufacturer. He is recognized as one of the nation's leading experts in urban stormwater management, bioretention (rain gardens) and low impact development, and decentralized integrated management approach to stormwater technologies, and as a scientist and educator. Coffman consulted on USEPA Region 3's initiative to develop advanced best practices for stormwater treatment and alternative financing strategies for stormwater retrofit programs.

William F. Hunt, Ph.D.

Professor, Biological & Agricultural Engineering Department, N.C. State University

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Hunt conducts best management practice research in the university's Biological and Agricultural Engineering Department and is the leader of the Stormwater Engineering Research Group. He is a professor, N.C. Cooperative Extension specialist and University Faculty Scholar. Hunt is an active member of the American Society of Civil Engineers

and the American Society of Agricultural and Biological Engineers, where he has many committee leadership roles. He conducts 20-25 workshops and other training events each year across North Carolina and the United States. In 2010-11, Hunt was an Honorary Research Fellow at the University of Auckland in New Zealand, and in 2012, a CUGE Research Fellow for Singapore National Parks. He holds two B.S. degrees (civil engineering and economics) and one M.S. degree in biological and agricultural engineering from N.C. State University. Hunt received his Ph.D. from Penn State in 2003.

Dr. Charles H. "Pete" Peterson

Alumni Distinguished Professor, Marine Sciences, Biology, and Ecology, UNC-Chapel Hill
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Peterson research in the field of marine conservation ecology. He has served on the N.C. Marine Fisheries Commission, N.C. Environmental Management Commission, N.C. Sediment Control Commission, and is former chair of the Steering Committee for the N.C. Coastal Habitat Protection Plan. Peterson has also served on several study panels of the U.S. National Academy of Sciences and was awarded a Pew Fellowship in Ecology and Environment in 1994. He holds a B.A. in biology from Princeton and an M.S. in zoology and Ph.D. in biology from the University of California at Santa Barbara.

Representative Rick Catlin

N.C. State Representative Rick Catlin
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Catlin is a representative for New Hanover County in the N.C. General Assembly, where he serves as the Republican Freshman Leader. Catlin is a professional engineer and geologist, and is president and owner of CATLIN Engineers and Scientists, the first environmental remediation specialty firm in North Carolina. With over 30 years experience, Catlin has a wide range of professional and technical expertise in engineering and hydrogeology. Catlin currently serves as chair of the Environmental Subcommittee for Regulatory Reform, vice chair of the Environment Committee, as well as several legislative committees, including Commerce, Transportation, Appropriations (NER), and Public Utilities and Energy. Prior to the General Assembly, Catlin served as a New Hanover County commissioner.

Tracy Davis, P.E.

Director, N.C. Division of Energy, Mineral and Land Resources
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Davis has worked for the N.C. Department of Environment and Natural Resources for over 25 years and currently serves as director of the Division of Energy, Mineral and Land Resources. His work with the department began in the Division of Land Resources, where he gained experience in mining regulatory program. Davis was promoted to chief engineer in 2003, where he was responsible for overseeing the Land Quality Section's seven regional offices. In 2013, Davis received the Professional Engineers of North Carolina Government Engineer of the Year Award, as well as the National Society of

Professional Engineer's 2013 Professional Engineer in Government Achievement and Service in the United States (PEGASUS) Award.

Scott Stewart

Landscape Architect, Developer, General Contractor

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Stewart is a landscape architect, real estate developer and commercial general contractor. He holds a degree in landscape architecture from Rutgers University. Stewart is best known in Wilmington for low impact developments including the Demarest neighborhoods, which have served as southeastern North Carolina's first examples of Smart Growth and LID. Under Stewart's leadership, Demarest Landing and Village and Devaun Park in Calabash were among the first to receive the Lower Cape Fear Stewardship Award for Significant Achievement for land planning and stormwater management in 2006.

Matt McLaren, P.E.

Senior Associate, LandDesign, Inc.

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McLaren is a professional engineer and senior associate responsible for design and project management for low impact and low density development projects in the Charlotte region. His focus and expertise is in innovative solutions to stormwater challenges, and working with the project team to develop an efficient strategy for stormwater management, wastewater collection, erosion and sediment control, roadway design and grading.

Mark Kime

Landscape Architect, LandDesign, Inc.

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Kime is a landscape architect and project manager with more than 14 years of professional experience in the field of landscape architecture and urban design. He has worked on a diverse range of projects, including large-scale transit corridors, campus planning, urban infill and retail developments, and single and multi-family residential. Kime's experience and attention to detail has fostered a level of professional experience that includes project management, master planning and development, permitting and entitlement documentation, construction documentation and construction administration.

David Tuch

Landscape Architect, President, Equinox Environmental Consultation & Design, Inc.

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Tuch began his professional career with a Portland, Ore., firm where he worked on progressive ecological design and planning. He helped head the environmental arm of a landscape architecture and engineering firm in Charlotte before joining Equinox Environmental Consultation and Design. Tuch works from a belief that through smart

planning and design it is possible to create a more sustainable pattern of land development, balance growth and the protection of the region's quality of life, create livable communities and help conserve the regions natural resources. His work includes land planning for LID, mixed-use development and conservation-based development. Tuch planned Buncombe County's first conservation subdivision which was featured in the *North Carolina LID Guidebook*. He is currently working with NOAA to develop landscape architecture-based strategies to address impacts of climate change and the use of stormwater best management practices. Tuch holds degrees in landscape architecture and conservation ecology and sustainable development.

Shelley Stevenson-Smith

Real Estate Development Consultant, Stevenson Automotive Group

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Smith serves as real estate development manager with Stevenson Automotive in Jacksonville, N.C., where she oversees facilities, new construction and renovations. Prior experience includes work as a regulatory specialist with Williamsburg Environmental Group in Williamsburg, Va., where she specialized in environmental permitting. In 2006, Stevenson-Smith moved back to eastern North Carolina to work for the family business and bring a new perspective to how business and the environment can work together. When the company decided to build a new Toyota facility, Stevenson-Smith thought it was the perfect project to use not only LID engineering, but other green initiatives as well. The company is in the process of finalizing plans and permits for a new dealership in Swansboro where they have used LID techniques to manage stormwater. She holds a B.S. degree from Elon College in economics and a M.S. degree from Clemson University in agricultural and applied economics.

Chris Widmayer

Vice President of Investments, Regency Centers

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Widmayer joined Regency Centers in 2002 as manager of investments in the Washington, D.C., office and moved to Raleigh in 2005 to establish a development program for the Carolinas. He has managed the development or redevelopment of more than 600,000 square feet of grocery-anchored retail projects, which have included Whole Foods Market, Harris Teeter, The Fresh Market, Lowes Foods and Trader Joe's. Widmayer served as press secretary to U.S. Senator Richard J. Durbin and as deputy press secretary for the Durbin for U.S. Senate campaign. Widmayer holds a B.A. from Miami University in Oxford, Ohio, and a M.B.A. from UNC-Chapel Hill.

Patrick Smith, P.E., LEED®AP

Vice President, Soil & Environmental Consultants, PA

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Smith holds a bachelor's degree in civil engineering from Bucknell University and a master's degree in civil engineering from Clarkson University, with a concentration in environmental engineering. He is a registered professional engineer with over 27 years

design, analysis and construction management experience. Smith's experience in water resources engineering includes investigations, analyses and design on open channels, stormwater systems, dams, flood studies, wastewater systems, mine sites, and stream, wetland and buffer restoration projects. In addition to managing the Design Department at S&EC, he serves as senior project manager and design lead on projects from conceptual design development through post-construction monitoring. Previously, Smith served as an U.S. Army Engineer Officer at several domestic and overseas locations.

William R. Buie, P.E.

William G. Lapsley & Associates, P.A.

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Buie graduated from N.C. State University with a B.S. in civil engineering. He worked as a consulting civil engineer in eastern North Carolina following graduation and joined William G. Lapsley & Associates in 1998. Buie is a company partner and serves as project manager on projects for both public and private clients. He was lead designer of the Sierra Nevada Brewing Company's east coast brewery and distribution facility in Henderson County. The site is approximately 190 acres and is located adjacent to the French Broad River.

Dave Mayes, P.E.

City of Wilmington, Stormwater Service Manager

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Mayes is the stormwater services manager with the City of Wilmington, where he has worked for 17 years. He is responsible for managing Wilmington's stormwater utility. The city's stormwater program seeks to balance water quality and flooding issues through comprehensive management of the public drainage system. Mayes holds a B.S. in engineering from N.C. State University. He served as a key member of the technical review team that developed the model Bradley Hewletts Creek Watershed Restoration Plan for the city in 2012.

Giselle Rodriguez, P.E.

City of Fayetteville, City Engineer

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Rodriguez manages the City of Fayetteville Engineering Division. She oversees the city's infrastructure that includes streets, sidewalks, storm drains, dams and bridges; manages the Stormwater CIP funded by the stormwater utility; and manages the plan review process for developments inside the city limits. Rodriguez is a proud member of the American Public Works Association and serves on the Sustainability Committee. She is also a Certified Professional in Low Impact Development. She is currently working with N.C. State University on the first green street project in the City of Fayetteville and a research project focused on the performance of the wet detention ponds.

Tim Ormond, P.E.

HydroCycle Engineering

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Ormond is founder and principal engineer at HydroCycle Engineering. The company focuses on sustainable and regenerative design that is mindful of the interconnections of the water cycle, ecosystems and people. He has more than 20 years of experience as a water resources engineer and project manager, specializing in hydrology, stormwater management, LID and sustainable design. While working for a major consulting firm for 14 years, he led water resources and environmental projects throughout the country, including pilot projects in the Lake Tahoe watershed, which has some of the most stringent water quality standards in the nation. Ormond holds a B.S. in civil and environmental engineering and an M.S. in water resources engineering.

Annette M. Lucas, P.E.

Stormwater Program, N.C. Division of Energy, Mineral and Land Resources

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Lucas works for the state's Stormwater Permitting Program where she manages the N.C. Stormwater BMP Manual. She holds a B.S. degree from Duke University in public policy studies and a M.S. degree from N.C. State University in civil engineering. Lucas is a frequent presenter at trainings held throughout the state on stormwater topics and has consulting experience through work with N.C. DOT and N.C. State University.

Mike Randall, P.E.

Stormwater Program, N.C. Division of Energy, Mineral and Land Resources

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Randall is with the Stormwater Permitting Program of the N.C. Division of Energy, Mineral and Land Resources. His project management, construction and environmental compliance experience includes 22 years with General Motors, 12 years with private consulting firms and 10 years in his current position, where he develops, implements and enforces state and federal stormwater programs. Randall holds a B.S. degree in mechanical engineering from the GMI Engineering and Management Institute.

Natalie Carmen

Graduate Research Assistant, N.C. State University

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Born and raised in Chapel Hill, Carmen made the trek over the hill to Raleigh as an undergraduate student in N.C. State University's Design School, where she earned her bachelor's degree in landscape architecture. Before returning as a graduate student, she interned at Kimley-Horn and Associates and worked as a project designer at Susan Hatchell Landscape Architecture, PLLC. Carmen's master's research focuses on potential volume reduction from disconnected impervious surfaces in Durham's Ellerbe Creek watershed. She is excited to pair her design background with an engineering education to be better equipped to solve design challenges.

Ryan Winston, P.E.

Extension Associate, N.C. State University

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Winston is an extension and research engineer in the Biological & Agricultural Engineering Department at N.C. State University. He studies performance of innovative stormwater control measures, focusing on permeable pavement, bioretention and highway stormwater practices in North Carolina and Ohio. Winston is currently pursuing his Ph.D., focusing on monitoring and modeling urban stormwater practices in Cleveland and has been involved in the design, installation and monitoring of BMPs in six states. He received his undergraduate degree from the University of Florida and his master's degree from N.C. State University.

Andrew Anderson, E.I.

Extension Associate Engineer, N.C. State University

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Andrew Anderson is a new member of the Stormwater Group at N.C. State University. He works on the Rain Garden Certification Program, serves as the lead on various research projects, designs stormwater BMPs and aids graduate student project development. Anderson received a B.S. in biological systems engineering and a M.S. in environmental engineering from the University of Nebraska-Lincoln, with a minor in water resources management and planning. His master's research focused on the development of a mobile runoff simulator to evaluate rain gardens in Lincoln, Neb.

Hunter Freeman, PE

Engineer, Withers & Ravenel

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Freeman is a project engineer in the water resources department in the Cary office of Withers & Ravenel. He has 10 years of engineering experience, specializing in hydrology, hydraulic design, stormwater management and flood plain management. Freeman has worked on stormwater management plans for projects throughout North Carolina and has assisted multiple Piedmont and coastal municipalities with low impact development ordinance implementation and specific LID software needs. He has served on the Wake County Collaborative Stormwater Management Task Force, Brunswick County and New Hanover County LID Technical Advisory Committees, and is currently a member of the Wake County Stormwater Ordinance Implementation Team.

Don Wayne

Coordinator, Nonpoint Source Control Branch, Environmental Protection Agency

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Waye serves as outreach coordinator and lead coordinator for review of coastal nonpoint source programs in the EPA's Nonpoint Source Control Branch. He has 28 years of technical assistance and outreach experience focused on lessening the impacts of urban and suburban activities on land and water resources in northern Virginia, the Chesapeake Bay watershed and nationally. Wayne has developed many outreach projects, including the Nonpoint Source Outreach Toolbox and the *Getting in Step*

watershed outreach and stakeholder guides. He manages the publication of *Nonpoint Source News-Notes* and NPSINFO—an online forum for discussion of nonpoint source and stormwater issues. Waye developed and grew EPA's low impact development website and LID outreach efforts, led development of LID Barrier Busters fact sheets and several national Watershed Academy webcasts on LID, and supported development of the LID case studies online video series. He has a B.S. degree in geology from James Madison University and a M.S. degree in geography from the University of Arizona.

Kimberly Brewer

Associate Director, Tetra Tech

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Brewer is a principal planner and associate director in Tetra Tech's Durham office. As a planning consultant for the last 20 years, Brewer pioneered approaches for LID and has led numerous local watershed protection and stormwater management plans that incorporate the technique. She has conducted code and ordinance reviews for more than 35 communities to identify ways to strengthen LID opportunities. Brewer was a principal co-author of USEPA's *Handbook for Developing Watershed Plans to Restore and Protect Our Waters*. She founded and leads Tetra Tech's conflict resolution team, WaterResolve, which has facilitated more than 25 complex, multi-party water resource projects to consensus. Prior to consulting, Brewer worked 11 years in local, state and regional agencies in the area of water resource protection. She holds a B.S. degree in economics from Wake Forest University and a M.S. degree in city and regional planning from UNC-Chapel Hill.

Gary J. McCabe, P.E.

Red Line Engineering, P.C.

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McCabe is the founder of Red Line Engineering, a design and consulting firm based in Raleigh. As a professional engineer with over 12 years of experience, he specializes in innovative stormwater BMP design and implementation. McCabe is the engineer for Tonbo Meadow Subdivision, one of the state's first low impact development subdivisions. The development was featured in the 2009 publication, *Low Impact Development - A Guidebook for North Carolina*. McCabe serves on the Low Impact Development State Technical Review Team, which is responsible for developing statewide regulations, manuals and incentives to promote the use of LID Practices. He holds a B.S. degree in civil engineering with a concentration in water resources from N.C. State University.

Burrows Smith

Managing Partner, River Bluffs Development, Inc.

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A native of Wrightsville Beach, Smith is vice president and managing partner of River Bluffs Development Group. In the early 1980s, he formed Burrows Smith Construction.

In 1988, he merged with A.C. Skinner to form Skinner-Smith Construction, specializing in the construction of subdivisions in New Hanover County. Smith's notable project work includes Masonboro Landing, Masonboro Forest, Cove Point, Porters Neck, Shinn Creek Estates and Treybooke. His development resumé includes Sea Watch at Kure Beach, Wrightsville Sound Office Park, Westbay, Plantation Landing and Sagewood. In developing River Bluffs, Smith and his team have shown a tremendous respect for and dedication to preserving the natural coastal environment.

Steve Candler

EVP & Director of Governmental Affairs, Brunswick County Association of Realtors
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Candler is the executive vice president and director of governmental affairs for the Brunswick County Association of Realtors. He has 15 years of local government experience in county and municipal planning and management, in addition to 12 years in the private sector. Candler received his bachelor's degree in community and regional planning from Appalachian State University and his master's in public administration from UNC-Wilmington. He is a newly appointed member of the Town of Leland Planning Board and is chair of the Brunswick County Planning Board. He also serves on the Brunswick County Small Business Advisory Commission.

Todd Miller

Executive Director, N.C. Coastal Federation
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A native of Carteret County, Miller founded the N.C. Coastal Federation in 1982. In 2013, he was selected as distinguished alumni of UNC-Chapel Hill from which he holds an undergraduate and master's degree. Miller received the Old North State Award from the governor in 2007 and the National Wetlands Community Leader Award from the Environmental Law Institute in 2012. He is a founding board member of Restore America's Estuaries and has served on its board with other national leaders in coastal habitat restoration since 1995. Miller currently serves on the Board of Visitors for the UNC Institute for the Environment, as well as the chair of the Policy Committee for the Albemarle-Pamlico Estuary Partnership. As executive director, Miller formulates the Coastal Federation's goals and policy positions, serves as the organization's spokesperson and provides staff and operations oversight.

Lauren S. Hermley

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As assistant town manager for the Town of Beaufort, Hermley oversees the finance, human resources, marketing and communications functions of the town. She is also closely involved with community planning and economic development. The Town of Beaufort is currently exploring ways to improve its environmental footprint through changes to its zoning, stormwater management, and public parks and facilities. Lauren is president of her Rotary Club and currently serves as vice president of the N.C.

Coastal Federation. She holds a bachelor's degree in organizational psychology from Pennsylvania State University.