**Climb for Water**

From January 17-26, 2014 the Climb for Water team will embark on their third and final expedition. As always, the goal is to raise awareness and financial assistance for clean water and sanitation projects around the world.

For the three years we have been affiliated with Water for People we have been blessed by an incredible amount of support from the North Carolina engineering community. We have received countless messages and emails as well as direct financial contributions - most of it from ACEC/NC member firms.

All told, our campaigns have raised nearly $50,000 for Water for People - enough to change the lives of thousands who need our help. We have also had the privilege of sharing our adventures with a diverse group of dedicated professionals. This year’s team includes climbers from WK Dickson, McKim & Creed, Withers & Ravenel, and NCDENR.

This final journey will be our greatest challenge to date. We are travelling to Ecuador and attempting to climb Cotopaxi, one of the highest mountains on earth, which also happens to be an active volcano. During our long ascent to 20,000 feet we will face nearly vertical walls of ice, bottomless crevasses, unstable glaciers, potential avalanches, bitter cold, and acute mountain sickness. To make our efforts even more difficult we will be confronting these challenges in the middle of the night and in an environment where the oxygen levels are less than 50% than at sea level.

In short, we are putting ourselves in harm’s way and the odds of reaching the summit are heavily stacked against us.

Thank you again for your support these last three years. Wish us luck.

By Kraig C. Kern
Director of Marketing

**Economic Development in the Triad**

On November 20th, ACEC/NC members gathered together with friends from NCEDA, AGC, AIA and others at the Magnolia Manor in Greensboro. Our speaker for the morning, Kevin Baker, Executive Director for the Piedmont Triad Airport Authority, brought an informative program on the development of and around the airport.

The goal is to increase the reach of the airport as well, making it a thriving hub for travel in our state. The long-term goals of the project will bring a boost to the Triad region with more business and more jobs.

The Economic Development Committee plans to put together another breakfast event in Charlotte for the Spring. This Triad session was another successful event for the Committee and also allowed for some great networking. The committee is trying to expand the reach of the ACEC/NC brand by sponsoring and participating in other local organizations that can help our business such as NCEDA and NAIOP. (See page 3) Keep your eyes peeled for the upcoming Charlotte event and other ways you can get involved with this Committee in future.

If you would like to join ACEC/NC’s Economic Development Committee, contact the Chair, Steve Player at splayer@thewootencompany.com.

Also, follow our Vice Chair, Adrienne Coombes as she shares in an adventure with other ACEC/NC members in Ecuador climbforwater.org.
ACEC/NC Achieves 2013 ACEC/PAC Goal!

As you know, each year ACEC/NC is charged by ACEC, our national office in Washington, DC, to solicit contributions from individuals within our membership for our national political action committee, ACEC/PAC.

Our state's goal this year – $26,235. After a whirlwind campaign, and a successful Holiday Reception and Auction in early December, we achieved past the goal raising $26,305! This is the second straight year ACEC/North Carolina has hit the target!

ACEC/North Carolina members successfully contributed their fair share to allow ACEC/National to continue their influence on Capitol Hill. The work in Washington remains and ACEC/National and North Carolina will continue to defend the rights of the private consulting engineering community with diligence and determination. Our PAC campaign for 2014 will commence soon, but for now let us enjoy our success in exceeding the 2013 goal!

Thank you again for your contributions, and please accept our sincere congratulations for your part in this outstanding accomplishment!

Valoree Eikinas
President

Bill Hood
Vice President / PAC Champion

Jim Smith
Executive Director, ACEC/NC

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ACEC/NC Holiday Party Recap

On the evening of December 11th, ACEC/NC members and guests gathered at North Carolina Museum of Natural Sciences for the Annual Holiday Reception and ACEC/PAC Auction. We took over the 3rd floor of the museum enjoying the beautiful displays of NC wildlife as well as night views of downtown Raleigh. The mix of attendees had a relaxed evening of friendly networking, made even better with delicious food and drink.

For the first half of the evening, a lovely array of silent auction items were open for bidding, including many NC made items or outings supporting local business. Later on, guests moved into the dinosaur exhibit room to take part in the live auction. Gary Hartong, Legislative Chair, acted as emcee for the live auction during which bidders enjoyed a friendly competition over items such as Hurricane tickets, romantic “French” date night including Broadway south Les Miserables tickets, a clay shoot outing in Sanford, and a luxury cabin vacation in the NC Mountains.

Thanks to everyone who contributed donations and participated in the auction. Through this event, we raised nearly $9000 towards our National ACEC/PAC goal making it not only a fun celebration but a smashing success!
Positions Available

For more information on these job postings and how to apply, please refer to the jobs board on the ACEC/NC website at www.acecnc.org/jobs.aspx.

• Mulkey Engineers & Consultants is looking for a Marketing Coordinator

• Ramey Kemp & Associates is looking for a Roadway Design E.I., Roadway Design Engineer, Sr. Traffic Engineer, and Traffic Associate

• Michael Baker Engineering Company is seeking a Statewide Office Principal and a Roadway Engineer

• TGS Engineers is seeking a Utilities Engineer

• URS is seeking a Highway Designer

• Parsons Brinckerhoff has an immediate opportunity for a Stream Restoration Specialist

• GeoScience and Technology is seeking an Entry Level or Project Level Engineer in the Winston-Salem office.

• RK & K is looking for Marketing Assistant/Coordinator.

• The Wooten Company is looking for a Senior Process Engineer and a Civil Engineer in Raleigh, NC.

• Withers & Ravenel, Inc. is looking for a Project Engineer/Civil Designer/Survey Designer, Environmental Scientist/Geologist/Engineer, (Greensboro & Cary), Environmental Technician (Cary) Project Manager (Cary) and Survey CAD Technician (Cary)

• US Infrastructure of Carolina, Inc. (USI) is looking for a Civil Engineer

Check out these upcoming events ACEC/NC is sponsoring!

The 2014 NAIOP North Carolina Statewide Conference will be held at Pinehurst Resort on February 20 - 21
Click here to Register!

NCEDA 2014 MidWinter Conference will be held at the Pinehurst Resort on March 11.
Click here to learn more!

Environmental Education & Networking Event

Thursday, February 13, 2014
11:00 am - 3:00 pm
Jane S. McKimmon Center
NCSU Campus, Raleigh

Worth 3 PDH Credits!

$60 Per Person
ACEC/NC, PENC, NC AEP Members and Public Sector Employees

$85 Non-Members

Register Here
Member Firms in the News

ColeJenest & Stone, PA

We are pleased to welcome Austin W. Key, EI to the firm. Austin graduated from Elon University and North Carolina State University in 2010 under a dual enrollment program, earning a Bachelor of Science from each school. He continued his studies at NC State and graduated in 2012 with a Master of Civil Engineering. Austin has a wide range of talents and has jumped in right in and is making a positive contribution to our studio.

Congratulations to R. Todd Fisher, PE for successfully passing the USGBC certification exam to be a LEED Green Associate. Todd joined ColeJenest & Stone, PA in 2005 with a bachelor’s degree in civil engineering from North Carolina State University and is currently a Project Manager with CJS. He has worked on several notable projects including the Post Wade subdivision and Cardinal Gibbons High School in Raleigh and on many of our Carolinas Healthcare System projects in Charlotte.

The following people have been promoted to Senior Project Manager at ColeJenest & Stone:

Jason E. Dolan, RLA, joined ColeJenest & Stone in 2003 with a bachelor’s degree in landscape architecture from West Virginia University. Jason has worked on several notable projects including the Ritz-Carlton and the Duke Endowment and is currently working on Gadsdenboro Park in Charleston, South Carolina and First Ward Park in Charlotte.

Scott A. Hazard, RLA joined ColeJenest & Stone in 2005 with a bachelor’s degree in landscape architecture from California Polytechnic State University and a master’s degree in sculpture from the University of Florida. Scott has worked on many notable projects including several projects on the Centennial Campus at NC State University, as well as the Rocky Mount Streetscape. Scott is also a NC Arts Council Artist Fellowship recipient whose work will be exhibited January 31 – April 27, 2014 at CAM Raleigh.

The following people have been promoted to Project Manager at ColeJenest & Stone:

Luke C. Cagle, PE, LEED Green Associate joined ColeJenest & Stone in 2007 with a bachelor’s degree in civil engineering from North Carolina State University and has worked on several notable projects, including the Post Wade subdivision and Cardinal Gibbons High School in Raleigh and on many of our Carolinas Healthcare System projects in Charlotte.

Joel C. Causey, PE, LEED AP joined ColeJenest & Stone in 2012 from Alliance Consulting Engineers, Inc. with a bachelor’s degree in civil engineering from the University of South Carolina. Joel has worked on several notable projects including both Publix and Camden Southline, as well as work on the Cato Corporation Headquarters in Charlotte.

Mark R. McAuley, PE, LEED AP BD+C joined ColeJenest & Stone in 2006 with a bachelor’s degree in civil engineering from North Carolina State University. Mark has worked extensively on all of the Carolinas Healthcare System campuses and on several notable projects including the Levine and Dickson Hospice House and the W.G. Hefner VA Medical Center in Salisbury.

Gannett Fleming

American Engineering Associates – Southeast, PA (American Engineering) and Gannett Fleming, Inc., have signed a definitive agreement through which American Engineering has acquired the assets of Gannett Fleming’s Charlotte operation.

Through the acquisition, American Engineering adds an engineering operation which started in Charlotte in 1990. Over its 23 year history, Gannett Fleming’s Charlotte office has established itself as one of the premier infrastructure design firms in the Carolinas. As part of the agreement, American Engineering adds the assets, staff, and projects of Gannett Fleming’s Charlotte office.

“We are excited about merging these two operations,” said Scott D. Stone, PE, managing principal of Charlotte-based American Engineering. “This acquisition broadens our client base and diversifies the service offering for our fast-growing firm.”

The transaction was part of Gannett Fleming’s strategic plan. “The sale of our Charlotte operations provides opportunities for our Charlotte employees to become involved in a variety of infrastructure projects as part of the American Engineering team. This better aligns their skills with potential projects and will provide them with more growth and development opportunities,” stated William Stout, P.E., Gannett Fleming’s chairman of the board and chief executive officer.

American Engineering’s new staff bring considerable expertise and experience serving public sector clients – such as the City of Charlotte, and the North Carolina Department of Transportation – as well as private sector clients including Belk Stores. Chris Johnson, PE, who led Gannett Fleming’s Charlotte office, is now a principal with American Engineering and will lead efforts in the public sector markets.

Mckim & Creed, Inc.

Mckim & Creed, Inc., an engineering, geomatics and planning firm with offices throughout the U.S., announces that Chad Burchette, SI and Lois Chandler have joined the company’s Wilmington office that Lauren Marion has joined the company’s Raleigh office as a marketing assistant.

Contact ACEC/NC: 919-781-7934 or info@acecnc.org

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Burchette rejoins McKim & Creed as a geomatics project coordinator. He is a graduate of Guilford Technical Community College with a degree in land surveying technology, and worked at McKim & Creed for eight years before rejoining the Wilmington staff.

Chandler comes to McKim & Creed as a human resources administrative assistant. She has a degree in business from Seminole Community College, and previously worked as a human resources assistant at Winter Park Towers and a systems analyst for the Orlando Sentinel.

Marion is a graduate of East Carolina University with a degree in marketing. In her role with McKim & Creed, she will be responsible for developing marketing materials, proposals, qualifications packages and presentations. Prior to joining McKim & Creed, she served as a service consultant with Piedmont Service Group.

Moffatt & Nichol

Moffatt & Nichol welcomes Jerry McCrain, PhD to serve as Senior Environmental Specialist in our Raleigh office. He brings more than 38 years of continuous and progressive experience to the field, along with a passion for environmental stewardship. Dr. McCrain has helped plan and manage major environmental projects for the North Carolina Department of Transportation, federal, state and local agencies, lending his expertise to extensive watershed and wetland analysis and ecological studies. He has also worked extensively with the Triangle Transit Authority, Environmental Protection Agency and North Carolina Ecosystem Enhancement Program.

His typical environmental services on transportation projects has included project management; strategic planning; National Environmental Policy Act (NEPA) process and compliance; permitting and permit compliance; program and policy support and assistance; functional assessments; site assessments; community studies (wetland and terrestrial); delineation, restoration and mitigation; and federal, state and local resource agency coordination. Dr. McCrain is a Professional Wetland Scientist and Certified Environmental Professional through the Academy of Board Certified Environmental Professionals.

Dr. McCrain sees himself as a facilitator in projects where there are strong opinions on both sides. “I believe in doing things right without compromising other aspects of our life,” he said. “There needs to be a ‘big picture’ approach to integrating science and engineering. Moffatt & Nichol shares this view and I’m proud to join the team.”

Dr. McCrain obtained his Bachelor of Science and Master of Science in Botany from North Carolina State University (NCSU). He also has his doctorate in Resource Management from NCSU. His professional affiliations include Society of Wetland Scientists, Academy of Board Certified Environmental Professionals and Sigma Xi Scientific Research Society.

Professional Service Industries, Inc.

Professional Service Industries, Inc. (PSI) is pleased to announce that Justin Nance has become a Registered Professional Engineer in North Carolina. Mr. Nance is a graduate of University of North Carolina at Charlotte with a Bachelor of Science in Civil Engineering. He is the Department Manager of Construction Services in the Charlotte office and has been with PSI since 2007.

RS&H Architects-Engineers-Planners, Inc.

RS&H Architects-Engineers-Planners, Inc., welcomes Meredith Van Duyn, PE as a NEPA Project Manager in our Raleigh office. Meredith has ten years of NEPA/transportation planning experience. She is a licensed engineer in NC and holds a Bachelors and Masters degree from NCSU in Civil Engineering.

Schnabel Engineering, Inc.

Schnabel Engineering, Inc. (Schnabel), Glen Allen, Virginia, is pleased to announce an addition to the Schnabel family of companies with the acquisition of Geo/Environmental Associate, Inc. (GA), located in Knoxville, Tennessee. GA specializes in the design of dams, waste disposal impoundments, landslide repairs, retaining structures, ground improvements, environmental assessments, environmental remediation, and foundation design.

Schnabel specializes in geotechnical, geospatial, dam, and tunnel engineering, as well as environmental, geosciences, construction monitoring, and resident engineering services. GA adds strength to several of Schnabel’s existing services, while also adding new services and capabilities. The merging of Schnabel and GA provides an exceptional opportunity for both firms to expand and enhance the services they both provide throughout the country and globally.

Schnabel, an employee-owned company, is an ENR Top 250 engineering firm, employing nearly 300 in 18 offices nationwide. GA, with a staff of 20 in one location in Knoxville, Tennessee, will operate as a wholly-owned subsidiary of Schnabel.

Solutions-IES

2013 was a year of business success and sudden sorrow for Solutions-IES. After a banner year that saw record growth, we experienced the tragic loss of Brian Rebar on December 28th. As the Operations Manager for SIES, Brian played an important role in the growth of our company. At only 40 years old, it was a great shock to everyone; he is survived by his wife and three children. Anyone wishing to support the Rebar family can make a donation to the children’s college fund. Checks should be made payable to Edward Jones with “Rebar” in the memo and can be mailed to: Edward Jones, 4043 N. Damen Ave, Chicago, IL 60618.

While it will take time for us to adjust to his loss, the seven new professional hires this past year will help SIES continue to provide unparalleled environmental risk management services to our clients. We welcome the following people to the SIES family:

Michael Branson, PG, RSM is a seasoned geologist and hydrogeologist managing energy and environmental remediation projects/programs.

Nick Shore, PG adds strength to our professional team with over eleven (11) years’ experience specializing in site characterization, assessment and remediation of petroleum and chlorinated solvent releases.
Julia Welch brings nine (9) years’ experience along with an MS in Environmental Science and a BS in Geography/Environmental Studies. She is overseeing complex field data collection projects and integrating GIS analysis.

Andy McMillan is quickly applying the knowledge gained while getting his MS in Soil, Water and Environmental Science at the University of Arizona to ensure successful environmental site assessments and field investigations.

Stew Farling, EIT brings a refreshing perspective to SIES. As a recent graduate of NCSU with a BS and MS in Environmental Engineering, Stew is actively involved in Remediation Technology R&D, environmental assessment/remediation, laboratory and field operations and data analysis.

David Bowden joins us as a recent graduate from UNC-Wilmington and is using his degree in Environmental Studies to conduct environmental field analyses, audits and assessments.

Allison Cicero is another recent Wolfpack graduate. Allison is busy supporting the Department of Defense by assisting on our innovative technology development and environmental remediation projects.

Stantec

Kenneth Carper, PE, MBA has joined Stantec in Raleigh, North Carolina as Water Resources Team Lead. Carper has more than 30 years of experience in managing and protecting water resources in communities throughout the Southeast. At Stantec he will oversee water quality, watershed planning and floodplain and stormwater management programs, balancing resource protection with development needs and community demands.

Stantec’s multi-disciplinary water resources team includes hydrogeologists, scientists, planners, and engineers involved with ground and surface water systems. Their award winning work encompasses watershed and drainage design, dams, wet weather flow management, river and stream restoration, and flood protection.

A widely published author on water resources issues, Carper is also a past director of the American Water Resources Association and the Southeast Stormwater Association.

Stantec’s 100-person Raleigh office includes professionals providing services in water, transportation engineering and community development.

Wetherill Engineering, Inc.

Wetherill Engineering, Inc., an engineering, surveying, and planning firm headquartered in Raleigh, is pleased to announce the addition of seven new members to our Raleigh office:

Charles Hunt, PE joined Wetherill Engineering as a Project Manager in January 2014, after retiring from the NCDOT in December 2013 after 30 years. When he retired, he was a Transportation Engineering Supervisor responsible for the supervision of three design squads, project management and review of bridge designs, plan production special provisions and estimates. The bridge types varied from standard cored slab plans, prestressed girders and straight and horizontally curved girders. He was also responsible for the supervision of the analysis and load rating of all horizontally curved steel girder bridges in North Carolina. The projects he was involved with include R-2418/US 158 over Curruluck Sound which was a multiple simple span prestressed girder bridge totaling 14,927 feet in length, and B-3421 in Cabarrus County which is the first bridge in North Carolina designed with girders spliced at the bents.

Tony Alford, PLS joined Wetherill Engineering in January 2014 and is the Survey Manager in our Raleigh office. He has over 18 years of experience in the surveying profession. He has overseen NCDOT route surveys, GPS and high-definition laser scanning projects throughout North Carolina. Projects he has been involved with include the Raleigh Outer Loop, multiple NC Moving Ahead surveys, and the Knightdale Bypass. Mr. Alford’s experience includes surveying and civil design work for route surveys, residential and commercial subdivisions, boundary and topographic surveys, right of way and easement acquisition projects, underground utility surveys and high-definition laser scanning surveys. Notable laser scanning projects include four miles of pavement scanning along I-85/I-40 in Alamance County to produce 0.05 foot contours and Fort Bragg’s Iron Mike statue scan to aid in reproducing and replacing the aging statue in bronze. Mr. Alford has also performed and managed numerous GPS surveys, including mapping grade, static, RTK, and VRS throughout North Carolina.

Lester (L.C.) Smith, Jr. joined Wetherill Engineering in December 2013, bringing 32 years of experience with the NCDOT. During his career he spent 7 years as the Supervisor of the Mapping Section, 15 years as the Manager of the Road Inventory Section, and 6 years as the Director of the GIS Unit and then of the Information, Mapping and Graphics Unit. With Wetherill Engineering he is a member of one of the Teams to provide Maintenance Condition Assessment Program surveys which compiles data on the condition of state maintained roadways.

Jonathan Hefner, PE joined Wetherill Engineering in March 2013 as a Transportation Engineer. Mr. Hefner has over 9 years of experience in roadway and greenway design, traffic control, signing and pavement marking. He specializes in horizontal and vertical geometry, cross section criteria, development of design criteria and plan preparation. His experience includes right of way plans, construction plans, and quantities for roadway projects, and trail design for several greenway projects including NCDOT’s first design-build greenway.

Andrew Hollen, EI also joined Wetherill Engineering in August 2013 as a Hydraulic Engineering Intern. After graduating from NC State University, he worked for a year at NCDOT as an Engineering Technician in the Roadside Environmental Unit. During the time he completed workshops on erosion and sediment control, land resource environmental engineering, transport phenomena, drainage and irrigation, and soil science. His responsibilities included preparing erosion control plans, calculating quantities for required matting and slope drains. His field experience includes reviewing and evaluating multiple roadway resurfacing and bridge projects. Since joining Wetherill Engineering he has performed hydraulic field reconnaissance, and has prepared erosion control plans and permitting documents for several NCDOT express design-build projects.

Contact ACEC/NC: 919-781-7934 or info@acecnc.org
Harminder Singh, EI joined in August 2013 Wetherill Engineering as a Hydraulic Engineering Intern. He received his M.S. degree in environmental engineering and his B.S. in civil engineering at NC State University. After graduation he worked as a Research Assistant for four years and was involved in three projects: (1) the uncertainty in surface water availability under land use and climate change (2) statistical downscaling of multiple hydroclimatic attributes using climate forecasts and (3) predicting streamflow in reservoirs in the southeast. Since joining Wetherill Engineering he has performed HEC-RAS modeling, hydraulics field reconnaissance, and has prepared bridge survey reports, erosion control plans and permitting documents for several NCDOT express design-build projects.

Andrew Hollen, EI also joined Wetherill Engineering in August 2013 as a Hydraulic Engineering Intern. After graduating from NC State University, he worked for a year at NCDOT as an Engineering Technician in the Roadside Environmental Unit. During that time he completed workshops on erosion and sediment control, land resource environmental engineering, transport phenomena, drainage and irrigation, and soil science. His responsibilities included preparing erosion control plans, calculating quantities for required matting and slope drains. His field experience includes reviewing and evaluating multiple roadway resurfacing and bridge projects. Since joining Wetherill Engineering he has performed hydraulics field reconnaissance, and has prepared erosion control plans and permitting documents for several NCDOT express design-build projects.

L.L. (Sonny) Upole, PE joined Wetherill Engineering in September 2013 as a Senior Project Engineer after over 30 years with the NCDOT. For the last 3 years he was the Division 6 Bridge Program Manager responsible for the maintenance operation, repair and/ or replacement of structures and culverts within the Division. He was also the Lead Engineer for all of the express design-build projects in this Division. Prior to that, he was a Division Bridge Maintenance Engineer responsible for supervising three area bridge maintenance offices. In this capacity he reviewed finished prompt action repairs, bridge damage claims, requisitions and expense vouchers. His career also included serving as an Assistant Resident Engineer responsible for overseeing the implementation and administration of roadway and structure construction projects awarded to private contractors. He also performed field inspections, conducted work site audits, and supervised field technicians.

WK Dickson & Co., Inc

WK Dickson & Co., Inc. is pleased to announce that Dan Dawson, PE, PLS, the firm’s Vice President and Manager of the Wilmington Regional Office, has been appointed to a six year term on the North Carolina Environmental Management Commission by Governor Pat McCrory. The Environmental Management Commission was reformed during the recent legislative session into a 15-member regulatory agency. Commission members are chosen to represent various fields, including the medical profession, agriculture, engineering, fish and wildlife, hydrology, air and water pollution control and manufacturing. Mr. Dawson will serve as the registered engineer member of the Commission.

WK Dickson also welcomes several new members to the growing staff. Joining us are Scott Black, a senior civil designer with the airport group; Mike Hall and Patrick Wohlfahrt, both civil technicians with the water and sewer group; and Sean Tyler, an administrative assistant.