



Tracking Changes: 40 years of Implementing NEPA and Improving the Environment

Final Program

**National Association of
Environmental Professionals
35th Annual Conference**

**April 27-30, 2010
Hyatt Regency
Atlanta, GA**



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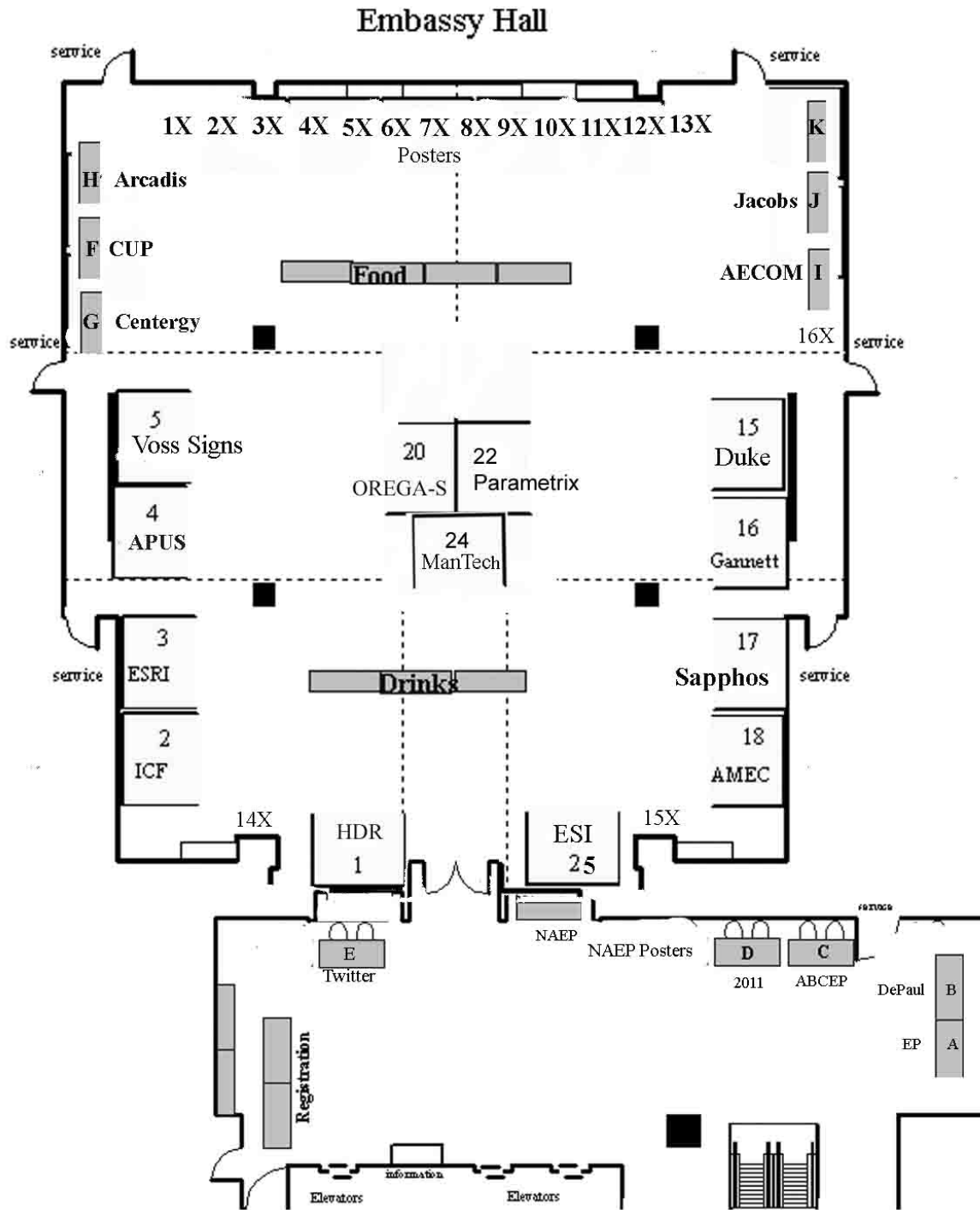
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Numbers = booths
Letters = table top displays
X = poster

Welcome everyone. We are proud to hold our 35th Annual Conference in the beautiful southeastern city of Atlanta with its principle theme of implementing NEPA. We know you will find the conference tracks, sessions, and events outstanding as the best environmental professionals in the country are gathered here to share their experiences and knowledge. And if you have not been to the Georgia Aquarium, be prepared to have your breath taken away at the President's Dinner.

Whether this is your first NAEP conference or 20th, whether you are a new NAEP member or a long-standing member, whether you are a student, a practicing professional, exhibitor or an environmental excellence award winner - welcome – we value your presence here and we look forward to learning much from you with your participation.

Our heartfelt thanks goes to Lynn McLeod and Heather Perrin, 2010 NAEP Conference Co-Chairs, and the entire conference planning team for their hard work and commitment to make this year's conference the best yet. Our thanks also goes to the Georgia chapter for being an outstanding partner with NAEP to make this conference truly great. Accolades also go to Donna Carter, our Conference Coordinator, who has worked throughout this past year to keep us all moving forward toward our goal of reaching conference excellence.

NAEP is always looking for dedicated environmental professionals to volunteer and get involved in NAEP's many national committees, working groups, and Board of Directors. Come up to me or anyone on the Board of Directors, or anyone at the registration table, and let us know if you are interested to get more involved with NAEP. It is through the focused and dedicated efforts of individuals like yourself that this association thrives.

We know you will have a great time so enjoy the conference; enjoy Atlanta, and enjoy the many opportunities to make new friends, meet the nation's top professionals, and renew your NAEP friendships. Please come up and introduce yourself. I am interested to learn about your life as an environmental professional. We look forward to meeting you during our annual conference.

Ron Deverman



It is with great pleasure that we welcome you to the 2010 annual conference of the NAEP and the great city of Atlanta! We are happy you are able to join us this year for the conference, and we know that you will find a number of exciting topics and activities to learn about and enjoy. We would like to particularly thank you for choosing to attend our conference, since we know that attendance at conferences for many environmental professionals is limited due to the current economic environment. Our deepest appreciation and heartfelt thanks also goes to our sponsors and exhibitors who helped make this conference affordable to all. We ask each participant to look over these lists, visit the exhibitors, and thank all of those who have provided this greatly needed support. We hope you will also take the time to thank the committee members, students, and other volunteers. Without their unwavering participation and dedication, this conference would be only a shadow of the coming week's offerings.

Every environmental professional owes their profession to NEPA, whether you routinely develop NEPA documents or not. As noted in the history of the NAEP:

The catalyst for the creation of the environmental profession was the landmark legislation that was signed into law on January 1, 1970...the "National Environmental Policy Act of 1969 (NEPA)." In a nutshell, NEPA required a major change in the way in which future habitat would be provided for the complex animal species, homo sapiens, in the United States and created the Council on Environmental Quality (CEQ) to assure the uniform application of NEPA provisions.

The theme of this year's conference is "Tracking Changes: 40 Years of Implementing NEPA and Improving the Environment." When the Conference Committee chose this topic over a year ago, our plan was to look back over the changes that have occurred since NEPA was enacted, review the legislation's challenges and successes over the years, and identify opportunities moving forward. Our goal was to try and answer questions like: Is NEPA accomplishing what it was meant to accomplish? Has NEPA made a difference? and Is NEPA still effective? We believe we have accomplished this goal through the wide range of distinguished speakers, expert panels, and professional sessions and presentations provided at this year's conference.

Enjoy, learn, and take away the many ways of maintaining, improving, and protecting our environment highlighted throughout this conference for use in your own environmental practice. Welcome to Atlanta!

Sincerely,

Lynn McLeod



and Heather Perrin



NAEP Leadership

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Other

Parliamentarian Norm Arnold Independent Consultant Gaithersburg, MD normanarnold@comcast.net	Ex-Officio ABCEP President Gary Kelman MD Dept of the Environment Baltimore, MD gkelman@mde.state.md.us	Ex-Officio CRB Chair Robert Michaels RAM TRAC Corporation Schenectady, NY ram@ramtrac.com	Ex-Officio Editor-in-chief Kelly Tzoumis DePaul University Chicago, IL kellytzoumis@gmail.com	Ex-Officio Editor-in-chief James Montgomery DePaul University Chicago, IL jmontgom@depaul.edu
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Committee and Working Groups and Chairs

NEPA Working Group Peter Havens peter@pwhavens.com	Education Research & Science Richard Smardon rsmardon@esf.edu	Sustainable Systems Don Sayre donsayre@gmail.com	Transportation Valerie N. Birch birchv@pbworld.com	Awards Robert Cunningham rcunning47@gmail.com
Chapters John Irving john.irving@inl.gov	Student Chapters Vacant	Elections Joe Musil jfmusil@urbanengineers.com	International Roger Turner rwtturner@hotmail.com	Membership Ron Lamb ronandalyson@netzero.net
Permanent Conference Carol Snead carol.snead@hdrinc.com	Energy & Environmental Policy Judith Charles judith.charles@yahoo.com	Publications Vacant	Career Development John Esson johnesson@environmentalcareer.com	External Relations Helene Merkel helene.merkel@arcadis-us.com

Chapter Presidents and Chapter Representatives

Alaska Andrew Dimitriou, President adimitriou@slrcorp.com Denise Saigh, Representative katmaien@gci.net	Arizona Joe Pinto, President joepinto@mail.maricopa.gov Nancy Favour, Representative nfavour@lsdaz.com	California Gene Talmadge, President jngtalmadge@msn.com Roger Turner, Representative rwtturner@hotmail.com	Florida Shannon R. Julien, President & Representative sjulien@esinc.cc Paul Looney, Representative plooney@volkert.com	Georgia Katherine Atteberry, President katherine.atteberry@jgg.com Josh Earhart, Representative jearhart@edwards-pitman.com
Hawaii Myounghee Noh, President m_noh@noh-associates.com Dennis Peters, Representative dennis.peters@ch2m.com	Illinois Robert Sliwinski, President rsliwinski@cbbel.com Kelly Tzoumis, Representative kellytzoumis@gmail.com	Indiana Brock Hoegh, President & Representative bhoegh@hntb.com	Michigan Mary Miller, President mtmiller@mactec.com Tammy Rabideau, Representative trabideau@geotransinc.com	Mid-America President, Vacant Ed Bowers, Representative ebowers@burnsmcd.com
Mid-Atlantic Region Affiliation in Progress Jack Mulrooney jmulrooney@hgl.com Carolyn Henn, Representative chenn@apexcos.com	North Carolina Amber Coleman, President amber.coleman@stantec.com John Jamison, Representative john.jamison@hdrinc.com	North Texas Crystal Lawson, President clawson@dunaway-assoc.com Vacant, Representative	Northwest Aron Borok, President adborok@comcast.net Molly Brown, Representative molly.brown@hdrinc.com	Pennsylvania Virginia Bailey, President vmbailey@mccormicktaylor.com Bill Plumpton, Representative wplumpton@gfnet.com
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Registration

The registration desk is located in the Embassy Foyer area, 2nd level down in the Tower Building.

Registration Hours

Tuesday, April 27
7:00 am – 5:00 pm

Wednesday, April 28
7:00 am – 5:00 pm

Thursday, April 29
7:00 am – 5:00 pm

Friday, April 30
7:00 am – 5:00 pm

Exhibits

Exhibits are located in Embassy and Embassy Foyer

Exhibitor Set Up
Tuesday, April 27
Noon – 4:30 pm

Exhibitor Tear Down
Friday, April 30
3:15 pm – midnight

Exhibit Hours

Tuesday, April 27
5:00 pm – 7:00 pm

Wednesday, April 28
7:00 am – 5:30 pm

Thursday, April 29
7:00 am – 5:30 pm

Friday, April 30
7:00 am – 3:15 pm

Speaker Registration

All speakers and panel members need to register. Pick up your name badges at the registration desk during registration hours. All speakers that are not registered need to go to the registration desk to get a name badge made.

Electronic Devices

Please turn off or put in silent mode all cell phones, pagers and PDA's during sessions and lunches.

Internet Café

Cambridge University Press and Idaho National Laboratory are once again sponsoring the Internet Café which is located in Geneva, near registration. There will be a laptop and printer there and also electrical outlets, wired internet, and tables to use with your own laptops.

Conference Attire

Business casual attire is appropriate for all events during the conference.

This year, NAEP and GAEP have teamed with the Federal Highway Administration to bring Conference attendees two NEPA-themed courses that will include real life case studies in interactive sessions. In addition to AICP Certification Maintenance points, both courses are qualified for Continuing Education Units. Lunch and breaks included.

Improving the NEPA Process:

Tuesday April 27, 8 AM – 5 PM

Room: Piedmont

Lamar Smith (FHWA) and Judith Lee (Environmental Planning Strategies, Inc.) will lead this one-day course for advanced professionals that will explore best practices, tools, and case studies for streamlining NEPA documentation and processes.

As experienced professionals, we are often confronted with new challenges in adapting to changing regulatory environments, funding sources, and agency initiatives. This course will offer examples from a variety of agencies, individuals, and firms that have successfully navigated changing conditions in the NEPA field. Topics include streamlining the contracting process, streamlining alternative selection using GIS and other tools, linking planning and NEPA, document quality initiatives, and fast-tracking ARRA-funded projects, among others. There will be ample opportunities for participants to ask questions and share their own experiences and suggestions to facilitate an interactive learning environment.

Section 4(f), Section 106, and NEPA:

Tuesday April 27, 8 AM – 5 PM

Room: Spring

David Grachen (FHWA) and Joe Trnka (HDR and NPI) will lead this one-day course for advanced professionals that will look closely at integrating the Section 106 and Section 4(f) processes into NEPA compliance.

The instructors will utilize real-world project examples to illustrate successful

avoidance, minimization, and mitigation strategies for transportation projects involving Section 106 and Section 4(f). Topics to be discussed will include recent Section 4(f) regulatory changes, the use of programmatic approaches and other innovative strategies to expedite the project delivery process, and the consideration of cumulative and indirect effects. There will be ample opportunities for participants to ask questions and share their own experiences and suggestions to facilitate an interactive learning environment.



Tuesday, April 27, 3 pm

Room: Techwood

The Environmental Careers Center (ECC) will conduct a Green Careers Seminar. John Esson, ECC Director and NAEP Career Development Committee Chair, will moderate the session comprised of environmental and sustainability employers. Presentations by diverse environmental employers from consulting firms, green business, and government agencies will help college graduates and new professionals prepare for a green career. Our panelists are knowledgeable of career opportunities in their field, and are passionate about guiding others into a rewarding career. Ask employers the tough questions and learn inside tips on how to land a career that makes a difference.

Keynote Speakers

Mr. Horst Greczmiel

Council on Environmental
Quality
Wednesday, April 28, 8:00 AM



Horst G. Greczmiel joined the Council on Environmental Quality (CEQ) in November 1999 as the Associate Director for NEPA Oversight. He is responsible for overseeing and implementing the NEPA and CEQ mandates to ensure that federal agencies integrate environmental values into decision-making.

Prior to joining CEQ, he worked in the Office of Environmental Law at Coast Guard Headquarters in Washington, DC, responsible for policy development and litigation involving environmental planning compliance responsibilities under NEPA, the Endangered Species Act, and the National Historic Preservation Act.

Mr. Scott Condra

Jacoby Development, Inc.
Wednesday, April 28, 11:45 AM

Scott W. Condra is Senior Vice President of Development at Jacoby Development, Inc. He joined JDI in 2005 where he is responsible for all phases of design, construction and implementation for mixed-use developments throughout the United States. Scott has more than 20 years of experience in environmental remediation, civil engineering design, construction management and federal and state permitting requirements.

He has managed the remediation of several former military facilities for transfer to civilian uses as well as multiple commercial brownfield developments.

Mr. Garret Graves

Office of Coastal Activities
State of Louisiana
Thursday, April 29, 8:00 AM



Garret Graves has served on the U.S. Senate Committee on Commerce, Science and Transportation's staff since 2005. He served as a senior advisor to Senators Ted Stevens and David Vitter and as a staff director for the Climate Change and Impacts Subcommittee. Graves helped to draft offshore oil and gas revenue sharing bills and has helped to draft or negotiated every offshore oil and gas revenue sharing bill passed by the U.S. House since 1996 - including the Coastal Impact Assistance Program (providing \$520 million for Louisiana over four years 2007-2010) and the Gulf of Mexico Energy Security Act of 2006 (providing billions to Louisiana and other gulf states).

Mr. Mark C. McDonald

The Georgia Trust
Thursday, April 29, 11:45 AM



Mark C. McDonald has over 25 years of professional involvement in historic preservation and a strong business background. He has served as the executive director for three preservation organizations in the Southeast, including the Historic Salisbury Foundation in North Carolina from 1986-1990, the Mobile Historic Development Commission in Mobile, Alabama from 1990-1998 and most recently, Historic Savannah Foundation since 1998. During Mark's tenure at Historic Savannah Foundation, the organization became a strong advocate for quality urban design.

An Evening at the Georgia Aquarium

Join us for a fun filled private event at the famous Georgia Aquarium. This year the President's dinner includes access to the aquarium followed by dinner in the Oceans Ballroom.



VERY IMPORTANT!! If you registered for the full conference or purchased a ticket for this event, you will be given a wrist band when you check in at registration. This is your ticket to the aquarium and dinner. Don't Lose It! Don't Forget It! We suggest you put it on your wrist immediately and wear it until Wednesday night. It can not be replaced, the only way to get another one is to pay an additional \$90.

With more than 8 million gallons of water and more aquatic life than found in any other aquarium, you are sure to see things you have never seen before. The Aquarium has 5 distinct galleries including Ocean Voyager – the world's largest aquatic exhibit, Tropical Diver – the coral reef gallery, Georgia Explorer – with animals indigenous to our coast, River Scout – the fresh water gallery, and Cold Water Quest – with harbor seals and other arctic animals.

The Oceans Ballroom features two breathtaking, private viewing windows to give you an up close and personal experience with views of thousands of rare and engaging species including beluga whales, the only manta rays in the U.S., and the only whale sharks outside of Asia.

Our dinner will be catered by world renowned Wolfgang Puck. There will be a cash bar available from 5:30 to 9:30 and buffet dinner will be available from 6:45 to 8:45. Drinks are allowed in the Aquarium, so take your favorite beverage and wander back through.

The Aquarium is located about 4 blocks from the Hyatt, so we will all be walking to and from, there will be no transportation provided. If for some reason you can not make the walk, please talk to Donna Carter about alternate transportation.

To get to the aquarium, exit the hotel lobby, turn right and walk to the corner (Baker St). Go left on Baker (first downhill, then uphill) 4 blocks. Go past the World of Coca-Cola, the Georgia Aquarium will be on your right. Enter through the main entrance, showing your wrist band for free entrance.

To return to the hotel after the evening, we will be exiting out of the Oceans Ballroom entrance which is on Ivan Allen Jr. Blvd. Turn right and take an immediate right onto the lighted walkway that circumvents the Aquarium building. This walkway will take you back to the front entrance on Baker St. Go left on Baker (downhill, then uphill) 4 blocks to the Hyatt.

*** *President's Award***

Project Name: **Archaeological Discovery, Education, and Heritage Tourism of the USS/CCC Water Witch**, Georgia Department of Transportation

The Georgia Department of Transportation in planning for a highway project near Savannah, Georgia extended the normal right of way survey to a broad 2- to 3- mile corridor to search for and later discover a long forgotten Civil War ship. The fascinating story of the lost USS/CCC Water Witch and its important role in America's history is brought to the public through the extraordinary efforts of the many dedicated participants – a noteworthy and lasting accomplishment.

Presentation of Award: Wednesday 11:45 am

Presentation of Project: Session # 2 - Wednesday 9:45 am

*** *Public Involvement Award***

Project Name: **Gonzales Pass Widening Improvements US Route 60: Phoenix to Globe Highway**, Arizona Department of Transportation

The Arizona Department of Transportation engaged multi-agency development teams to think outside the box to produce an environmental benchmark road widening project in the scenic Tonto National Forest. A traditional 2-lane highway is transformed into a 4-lane, gateway roadway with independent alignments harmonizing within the rugged desert landscape – a noteworthy accomplishment among engaged cooperators.

Presentation of Award: Wednesday 11:45 am

Presentation of Project: Session # 2 – Wednesday 9:45 am

*** *Environmental Management Award***

Project Name: **Cross State Landfill Redevelopment**, URS Corporation

Through an extensive cooperative approach to master planning, a former junk yard and environmental liability is transformed into a Fire Rescue Administration and Training Facility and adjacent construction materials recycling operation. Remediation of the site required management of residual petroleum and a comprehensive storm water management plan. Beneficial use of 130 acres of land is now underway.

Presentation of Award: Thursday 8:00 am

Presentation of Project: Session # 7 – Wednesday 1:45 pm

*** *Environmental Stewardship Award***

Project Name: **Brownfield Redevelopment Success Story – Tampa International Center/IKEA Home Furnishings**, HSA Engineers & Scientists

A 30-acre industrial site in Tampa, Florida is successfully remediated through effective coordination and execution of a Brownfield Site Rehabilitation Agreement. Since remediation, an IKEA store opened in May, 2009. The site now provides over 400 jobs in the area and eliminates the environmental threats of a formally contaminated site.

Presentation of Award: Wednesday 11:45 am

Presentation of Project: Session # 7 – Wednesday 1:45 pm

*** *Planning Integration Award***

Project Name: **Water System Improvement Program (WSIP) Program Environmental Impact Report (PEIR) San Francisco Public Utilities Commission, Bureau of Environmental Management**, Environmental Science Associates

This complex project of 22 facilities improvements in a 160-mile corridor within the San Francisco Bay Area is guided by a program-level planning and environmental review. The comprehensive integration of planning enables regulators, planners, and the public to see and understand the benefits of needed water supply improvements for the 2.4 million Bay Area residents. Compiling the complex information in an understandable format is commendable.

Presentation of Award: Wednesday 11:45 am

Presentation of Project: Session # 8 - Wednesday 1:45 pm

*** *Conservation Programs Award***

Project Name: **Dublin San Ramon Services District/East Bay Municipal Utilities District Recycled Water Authority (DRWA) Public Information and Outreach Plan**, ICF International

The multi-phase water recycling project spans several cities and two counties within a large area of diverse population and interests. Pre-construction outreach and grassroots organization were highly successful as are the continued project communications. These successes ensure a viable and continuous water supply and safeguard for likely future drought conditions.

Presentation of Award: Thursday 11:45 am

Presentation of Project: Session # 14 - Thursday 9:45 am

*** *NEPA Excellence Award***

Project Name: **Development and Implementation of Masonville Dredged Material Containment Facility, Masonville Cove Environmental Education Center, and Associated Mitigation Plan at Masonville Cove**, EA Engineering, Science, and Technology

The Masonville Dredged Material Containment Facility addresses the long-term need for adequate placement of Baltimore Harbor's dredged materials, providing over 15.4 million cubic yards of capacity. Comprehensive planning by five committees enabled the project to successfully utilize existing NEPA reviews, coordinate compatible objectives, review likely alternatives, and select an effective and efficient operation for Baltimore Harbor commerce, which provides annual tax revenues of over \$270 million and wages of \$2.4 billion per year.

Presentation of Award: Thursday 8:00 am
Presentation of Project: Session # 17 - Thursday 1:45 pm

*** *Education Excellence Award***

Project Name: **SASWE (Sustainability, Satellites, Water, and Environment) Research Group**, SASWE Research Group, Tennessee Technological University

This innovative, cross-disciplinary project provides the capability for nations around the world, as well as local counties in Tennessee, to engage scientific information and apply research results to pressing water resources issues. Through understanding of the consequences of artificial reservoirs and application of technical tools, people are provided the means to monitor basin-wide water resources and reach well-reasoned management actions.

Presentation of Award: Thursday 11:45 am
Presentation of Project: Session # 18 - Thursday 1:45 pm

*** *Best Available Environmental Technology Award***

Project Name: **North Torrey Pines Bridge Seismic Retrofit Project**, AECOM

Retrofitting a historic bridge in the scenic City of Del Mar, California required creative design and advanced construction practices while minimizing environmental impacts from bridge improvements. Seismic Retrofit, recognized as an outstanding engineering achievement, will begin in June 2010 and continue for over two years.

Presentation of Award: Thursday 11:45 am
Presentation of Project: Session # 27 – Friday 8:00 am

Meeting Schedule

Meeting Name	Day	Time	Room
NAEP Board of Directors	Tuesday	6 pm – 8 pm	Roswell
Chapters Committee	Wednesday	7 am – 7:45 am	Roswell
Energy & Environmental Policy Committee	Wednesday	7 am – 7:45 am	Vinings
Academy of Board Certified Environmental Professionals (ABCEP)	Wednesday	9:45 am – 5:00 pm	Roswell
Permanent Conference Committee	Thursday	7 am – 7:45 am	Roswell
NEPA Working Group	Thursday	5 pm – 6 pm	Piedmont
Transportation Working Group	Thursday	5 pm – 6 pm	Spring
2011 Conference Committee	Thursday	5 pm -6 pm	Techwood
NAEP Board of Directors	Thursday	7 pm – 9 pm	Roswell
NAEP Board of Directors	Friday	5 pm – 7 pm	Roswell



TOGETHER

Celebrating 40 Years of Providing NEPA Leadership

TRANSPORTATION

WATER RESOURCES

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HOMELAND SECURITY

ECOSYSTEM RESTORATION

POWER TRANSMISSION

INFRASTRUCTURE DEVELOPMENT

RESOURCE EXTRACTION















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Time	Tuesday, April 27				
7:00 am – 5:00 pm	Registration open – Embassy Foyer				
8:00 am – 5:00 pm	Improving the NEPA Process Piedmont		Section 4(f), Section 106 & NEPA Spring		
3:00 pm – 5:00 pm	Green Careers Seminar - Techwood				
5:00 pm – 7:00 pm	Job Fair and Networking Mixer - Embassy				
6:00 pm – 8:00 pm	NAEP Board of Directors meeting - Roswell				
	Wednesday, April 28				
7:00 am – 5:00 pm	Registration/Exhibits open – Embassy & Embassy Foyer				
7:00 am – 8:00 am	Continental Breakfast - Embassy				
7:00 am – 7:45 am	Chapters Committee - Roswell		Energy & Environmental Policy Committee Meeting - Vinings		
8:00 am – 9:15 am	Welcome, Kramer Award, Mr. Horst Greczmiel, Keynote – International Ballroom				
9:15 am – 9:45 am	Break - Embassy				
9:45 am – 11:15 am	Session #1 Piedmont Economic Stimulus & NEPA	Session #2 Spring Section 106 & 4(f)	Session #3 Vinings The Expanding Role of the EPA	Session #4 Techwood Stream Restoration	ABCEP BOD Roswell
11:45 am – 1:15 pm	Environmental Excellence Awards, Mr. Scott Condra, Keynote – International Ballroom				
1:45 pm – 3:15pm	Session #5 Piedmont NEPA Legal & Policy Update	Session #6 Spring Involving the Public & Agencies in Environmental Streamlining	Session #7 Vinings Brownfields	Session #8 Techwood Water Quality Regulations & NEPA	ABCEP CRB Roswell
3:15 pm – 3:30 pm	Break - Embassy				
3:30 pm – 5:00 pm	Session #9 Piedmont Why NEPA is Not Inherently Self-Defeating	Session #10 Spring Transportation & NEPA	Session #11 Vinings Technology Applications in Environmental Management	Session #12 Techwood Update on Nuclear Power Renaissance	
5:30 pm – 9:00 pm	President's Dinner, Georgia Aquarium (Everyone welcome – event included in full conference registrations, tickets available at registration for all others). Wear Your Wrist Band!				

- | | | |
|---|---|---|
|  Air Resources |  Land & Watershed Mgmt |  Tech/GIS/Spatial Analysis |
|  Brownfields |  NEPA |  Transportation |
|  Energy/Renewable Energy |  Oceans |  Water Resources |
|  Environmental Education |  Public Involvement |  Wetlands/Restoration/Mitigation |
|  Environmental Policy |  Sustainability | |

Time	Thursday, April 29			
7:00 am – 5:00 pm	Registration/Exhibits open – Embassy & Embassy Foyer			
7:00 am – 8:00 am	Continental Breakfast - Embassy			
7:00 am – 7:45 am	Permanent Conference Committee - Roswell			
8:00 am – 9:15 am	Environmental Excellence Awards, Mr. Garrett Graves, Keynote – International Ballroom			
9:15 am – 9:45 am	Break - Embassy			
9:45 am – 11:15 am	Session #13 Piedmont Improving NEPA Implementation	Session #14 Spring Engaging & Utilizing the Public Voice in NEPA	Session #15 Vinings Implementing Environmental Policy	Session #16 Techwood Coastal Restoration
11:45 am – 1:15 pm	Environmental Excellence Awards, Mr. Mark McDonald, Keynote – International Ballroom			
1:45 pm – 3:15pm	Session #17 Piedmont Improving NEPA Public Participation	Session #18 Spring Educating the Young and Old, Near and Far	Session #19 Vinings Technology & Environmental Conflict Resolution	Session #20 Techwood NOAA in the 21 st Century
3:15 pm – 3:30 pm	Break - Embassy			
3:30 pm – 5:00 pm	Session #21 Piedmont Improving NEPA Effectiveness	Session #22 Spring Linking Transportation Planning & Environmental Analysis	Session #23 Vinings Developing Sustainable Management and Mitigation	Session #24 Techwood Innovation in Water Quality Monitoring & Treatment
5:00 pm –6:00 pm	NEPA Working Group - Piedmont	Transportation Working Group - Spring	2011 Conference Committee - Techwood	
7:00 pm – 9:00 pm	NAEP Board of Directors - Roswell			

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|---|-------------------------|---|-----------------------|---|---------------------------------|
|  | Air Resources |  | Land & Watershed Mgmt |  | Tech/GIS/Spatial Analysis |
|  | Brownfields |  | NEPA |  | Transportation |
|  | Energy/Renewable Energy |  | Oceans |  | Water Resources |
|  | Environmental Education |  | Public Involvement |  | Wetlands/Restoration/Mitigation |
|  | Environmental Policy |  | Sustainability | | |

Time	Friday, April 30			
7:00 am – 5:00 pm	Registration/Exhibits open – Embassy & Embassy Foyer			
7:00 am – 8:00 am	Continental Breakfast - Embassy			
8:00 am – 9:30 am	Session #25 Piedmont NEPA Tools, Analysis & Methodologies	Session #26 Spring Climate Change Assessments	Session #27 Vinings Environmental Effects with Passports	Session #28 Techwood Stream Mitigation Banking
9:30 am – 9:45 am	Break - Embassy			
9:45 am – 11:15am	Session #29 Piedmont Agency NEPA Process Improvement	Session #30 Spring Transportation & Climate Change/GHG	Session #31 Vinings Funding Renewable Energy	Session #32 Techwood Technical Applications for Water Resource Management
11:30 am – 1:00 pm	NAEP Membership meeting, Service Awards, Zirzow Award, Fellow Award International Ballroom			
1:15 pm – 2:45 pm	Session #33 Piedmont The Evolution & Future of NEPA Documents	Session #34 Spring Smart Grid: Wind and Wave Energy	Session #35 Vinings Addressing Sustainability in Small and Rural Communities	Session #36 Techwood Water Quality & Drought Management
2:45 pm – 3:15 pm	Break - Embassy			
3:15 pm – 4:45 pm	Session #37 Piedmont Logical Termini & NEPA in Transportation Projects	Session #38 Spring Climate Change Planning at the Local Level	Session #39 Vinings Beyond Form Based: Ecological Design Based Development Codes	Session #40 Techwood Wetlands/Streams Restoration & Compensatory Mitigation
5:00 pm – 7:00 pm	NAEP Board of Directors – Roswell			

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|---|-------------------------|---|-----------------------|--|---------------------------------|
|  | Air Resources |  | Land & Watershed Mgmt |  | Tech/GIS/Spatial Analysis |
|  | Brownfields |  | NEPA |  | Transportation |
|  | Energy/Renewable Energy |  | Oceans |  | Water Resources |
|  | Environmental Education |  | Public Involvement |  | Wetlands/Restoration/Mitigation |
|  | Environmental Policy |  | Sustainability | | |

Tuesday, April 27

7:00 am – 5:00 pm

Registration Open – Embassy Foyer

8:00 am – 5:00 pm

Improving the NEPA Process

Instructors: Lamar Smith, FHWA and Judith Lee, Environmental Planning Strategies, Inc.

Room: Piedmont

Lamar and Judith will lead this one-day course for advanced professionals that will explore best practices, tools, and case studies for streamlining NEPA documentation and processes.

As experienced professionals, we are often confronted with new challenges in adapting to changing regulatory environments, funding sources, and agency initiatives. This course will offer examples from a variety of agencies, individuals, and firms that have successfully navigated changing conditions in the NEPA field. Topics include streamlining the contracting process, streamlining alternative selection using GIS and other tools, linking planning and NEPA, document quality initiatives, and fast-tracking ARRA-funded projects, among others. There will be ample opportunities for participants to ask questions and share their own experiences and suggestions to facilitate an interactive learning environment.

Section 4(f), Section 106, and NEPA

Instructors: David Grachen, FHWA and Joe Trnka, HDR & NPI

Room: Spring

David Grachen and Joe Trnka will lead this one-day course for advanced professionals that will look closely at integrating the Section 106 and Section 4(f) processes into NEPA compliance.

The instructors will utilize real-world project examples to illustrate successful avoidance, minimization, and mitigation strategies for transportation projects involving Section 106 and Section 4(f). Topics to be discussed will include recent Section 4(f) regulatory changes, the use of programmatic approaches and other innovative strategies to expedite the project delivery process, and the consideration of cumulative and indirect effects. There will be ample opportunity for participants to ask questions and share their own experiences and suggestions to facilitate an interactive learning environment.

12:00 pm – 1:00 pm

Lunch for both training classes - Techwood

3:00 pm – 5:00 pm

Green Careers Seminar

Room: Techwood

The Environmental Careers Center (ECC) will conduct a Green Careers Seminar. John Esson, ECC Director and NAEP Career Development Committee Chair, will moderate the session comprised of environmental and sustainability employers. Presentations by diverse environmental employers from consulting firms, green business, and government agencies will help college graduates and new professionals prepare for a green career. Our panelists are knowledgeable of career opportunities in their field, and are passionate about guiding others into a rewarding career. Ask employers the tough questions and learn inside tips on how to land a career that makes a difference.

John Esson, Environmental Career Center –panel chair

Manette Messenger, US Army IMCOM (Installation Management Command) Southeast

Michael Smith, ICF International

Carolyn Henn, Apex Companies LLC

Karen Kirchof, Duke University, Nicholas School of the Environment

Pamela Swingle, Office of Pollution Prevention and Innovation, US EPA Region 4

Tuesday, April 27

5:00 pm – 7:00 pm

Job Fair and Networking Mixer/Exhibits Open

Room: Embassy

Don't miss our opening mixer where you will have the opportunity to renew old acquaintances, meet prospective employees and employers, visit with exhibitors and sponsors, view the poster presentations and just generally have a good time. A cash bar and hors d'oeuvres will be available.

Poster Presentations

Room: Embassy

Todd Barker, Ecological Consulting: *Sustainable Mill Creek – A Case Study*

Jeff Heilman, Parametrix: *Understanding and Communicating the Indirect Effects of Transportation on Land Use*

Lisa Hummon, Yale University: *Safeguarding the Lifeblood of the West: Transferring Water Rights for Instream Flow Conservation*

Kajsa Hylmo, Swedish University: *Landscape Analysis through Kitchen Table Interviews - a way to find people's landscape connection*

Anthony Isolda, CDM: *Using A Three-Dimensional Geostatistical Model To Define Contamination Treatment Zones And To Identify Conditional Points Of Compliance*

Anwar Khan, HDR: *Large-Scale Ecosystem Restoration Challenges - Greater Everglades Ecosystem Case Study*

Glenn Wittman, GSA: *Applying the NEPA Process to the Siting of a Proposed New Border Station*

6:00 pm – 8:00 pm

NAEP Board of Directors Meeting (all members welcome)

Room: Roswell

7:00 am – 5:00 pm

Registration/Exhibits Open – Embassy

Poster Presentations – Embassy - see details on page 24

7:00 am – 8:00 am

Continental Breakfast - Embassy

7:00 am – 7:45 am

Chapters Committee Meeting – Roswell

Energy & Environmental Policy Committee Meeting - Vinings

8:00 am – 9:15 am

Opening Remarks – Ron Deverman, NAEP President

Kramer Award – James Yawn, ABCEP President

Keynote Speaker: Mr. Horst Greczmiel, CEQ – *NEPA Under a New Administration*

Room: International Ballroom



Horst Greczmiel, the Associate Director for NEPA Oversight at the Council on Environmental Quality (CEQ), will give the keynote presentation, *NEPA Under the New Administration*. The presentation will begin with a brief overview of the history of the NEPA and the CEQ. The presentation will address the purposes and policies of NEPA and their role in the implementation of NEPA, as well as a description of the role of CEQ, with an emphasis on CEQ's role in implementing NEPA. Mr. Greczmiel will provide an overview of that role and describe several initiatives over the past several Administrations, including the 25th Anniversary Effectiveness Study and more recent Task Force reviews.

After discussing the outcomes of those reviews, Mr. Greczmiel will discuss some of the changes being brought about. As NEPA is poised to celebrate the 40th Anniversary, there is a greater focus and emphasis on government transparency and accountability. The role of NEPA in implementing the American Recovery and Reinvestment Act of 2009, and the requirements imposed by that Act will be discussed, as well as the implications as CEQ calls upon agencies to review and update their NEPA implementing procedures. Mr. Greczmiel will conclude with a discussion of the reporting requirements, pending guidance on categorical exclusions, and the petition calling for CEQ to address climate change.

9:45 am – 11:15 am

NEPA

Session 1: Economic Stimulus & NEPA - Panel

Room: Piedmont

This session will summarize the status of NEPA compliance with the American Recovery and Reinvestment Act of 2009. The Act requires the President to provide quarterly reports to Congress on the status of projects and activities funded by the Act with respect to NEPA compliance. The President has delegated the responsibility for these quarterly reports to the Council on Environmental Quality which transmitted the first report to Congress on May 18, 2009. A second quarterly report was submitted on August 3. By April 2010, CEQ will have completed a year's worth of quarterly reports. The Recovery Act also requires federal agencies to streamline NEPA compliance for economic stimulus projects. This session will summarize the status of NEPA compliance and reveal how federal agencies have implemented the law to date.

Ron Bass, ICF International – Panel Chair

Horst Greczmiel, CEQ

Brian Costner, DOE

Lamar Smith, FHWA

Transportation

Session 2: Section 106 & 4(f)

Room: Spring

Transportation routes are integral to the built environment, but upgrades and expansions to any transportation system can conflict with historic and cultural resources protected under Section 106 and Section 4(f). This session will provide two case studies of successful mitigation as well as provide tools for practitioners on effectively meeting requirements and the public good.

Kally McCormick, Dennis Corporation: *Roads and Reeds: Navigating NEPA through the Historic Sweetgrass Basket Making Corridor in Mount Pleasant, SC*

Chad Carlson, GDOT: *Archaeological Discovery, Education, and Heritage Tourism of the USS/CCC Water Witch* - Environmental Excellence President's Award Presentation

Yates Opperman, CDOT: *Developing Practitioner Tools for Compliance with Section 4(f)*

Victoria Beaver, AZ DOT: *Gonzales Pass Widening Improvements US Route 60: Phoenix to Globe Highway* – Public Involvement Partnership Award Presentation

9:45 am – 11:15 am

Environmental Policy

Session 3: The Expanding Role of the EPA - Panel

Room: Vinings

Greater regulation and monitoring of greenhouse gas emissions, power plants, and the auto industry has also led to greater influence and oversight by U. S. Environmental Protection Agency. Not only is the EPA creating new guidelines under the Monitoring and Reporting rules, but is currently in the midst of drafting legislation on mobile source greenhouse gases, and renewable fuel standards. The agency's finding, that "in both magnitude and probability, climate change is an enormous problem" and that carbon dioxide and five other greenhouse gases "are within the meaning of the Clean Air Act" also creates a broader spectrum of potential violations. Such violations can occur not only at the Federal, but also at the State and Local levels with dire consequences.

The EPA's reach is not limited, however, to violations of the Clean Air or Clean Water Act but can extend to State and even Local level infractions for environmental harm. With a range of penalties available, the ultimate penalty can be suspension or debarment of the offender, in which the violator is placed on the Excluded Party List System. This program will explore the new environmental regulations proposed or enacted by the Federal, State and Local governments, and provide an overview on working with the regulatory agencies on compliance matters as well as address the potential consequences of non-compliance.

Jason Reynolds, AECOM – Session Chair

Jennifer Guenther, Esq., Gresham Savage Nolan & Tilden

Barbara H. Gallo, Esq., Krevolin & Horst LLC

Scott E. Stewart, Esq., Patton Boggs LLP

Stream Restoration

Session 4: Stream Restoration

Room: Techwood

Stream restoration is often an esoteric exercise that looks good on paper, but may not achieve its goals in practice. This panel will explore some real life stories of success (and failures) trying to restore the form and function of our nation's streams.

John Moynier, Dewberry – Session Chair

Xavier Riva, A.D. Marble & Co: *Creation of an Environmental Education Park: Restoring the Ecological Function of Angelica Creek Park. City of Reading, Pennsylvania*

Kevin Mullinax, Jordan, Jones & Goulding: *Surviving the Deluge: What happens when a 500-year storm hits your stream restoration project?*

Joel Tillery, CH2M Hill: *Arkansas Headwaters Recreation Area*

ABCEP Board Meeting

Room: Roswell

11:45 am – 1:15 pm

Room: International Ballroom

NAEP Environmental Excellence Award Presentations:

- *President's Award - *Archaeological Discovery, Education, and Heritage Tourism of the USS/CCC Water Witch*; Georgia Department of Transportation
- *Environmental Stewardship Award - *Brownfield Redevelopment Success Story – Tampa International Center/IKEA Home Furnishings*, HSA Engineers & Scientists
- *Planning Integration Award - *Water System Improvement Program (WSIP) Program Environmental Impact Report (PEIR) San Francisco Public Utilities Commission, Bureau of Environmental Management*; Environmental Science Associates
- *Public Involvement Award - *Gonzales Pass Widening Improvements US Route 60: Phoenix to Globe Highway*; Arizona Department of Transportation

Keynote Speaker: Mr. Scott Condra, Jacoby Development Inc. - *Atlantic Station to Aerotropolis Atlanta: A Decade of Brownfield Redevelopment*

Scott W. Condra is Senior Vice President of Development at Jacoby Development, Inc. He joined JDI in 2005 following his position as Vice President/Area Manager for MACTEC, a large civil and environmental engineering consulting firm. At JDI, Scott is responsible for all phases of design, construction and implementation for mixed-use developments throughout the United States.

Scott has more than 20 years of experience with project and business management including an extensive background in environmental remediation, civil engineering design, construction management and federal and state permitting requirements.

He has managed the remediation of several former military facilities for transfer to civilian uses as well as multiple commercial brownfield developments.

1:45 pm – 3:15 pm

NEPA

Session 5: NEPA Legal & Policy Update

Room: Piedmont

This session will cover the latest developments in NEPA case law and policy development, including an overview of the most important court decisions from 2009, a review of key cumulative impacts court decisions, and the use of emergency exemptions in NEPA.

Fred Wagner, Beveridge and Diamond – Session Chair

Lucinda Swartz, Lucinda Low Swartz Environmental Consultant: *Recent NEPA Cases*

Michael Smith, ICF International: *2009 NEPA Cumulative Impacts Case Law Review*

Jomar Maldonado, FEMA: *Navigating through Emergency Provisions of Federal Environmental Planning Requirements*

Public Involvement

Session 6: Involving the Public & Agencies in Environmental Streamlining

Room: Spring

As a result of federal legislative mandates and federal agency regulations, state transportation agencies are taking steps to try to streamline their environmental review process to reduce delays. Seeking and encouraging meaningful input from resource and regulatory agencies and members of the public as a project is being defined is a powerful tool in the streamlining tool box. Early coordination and early identification of issues of concern have the potential to ultimately save the transportation agency time and money in the overall project development process. This panel discussion will begin with an overview of the federal mandate for environmental streamlining and the reasons behind the mandate, and a brief discussion of the benefits and challenges of streamlining. The panelists will then discuss specific examples of early coordination recently used in Nebraska and Tennessee and relate successes in reducing delays via these streamlining efforts.

Nancy Skinner, AICP, Parsons Brinckerhoff: *Overview of the mandate for environmental streamlining and the benefits and challenges of streamlining*

David Grachen, FHWA Resource Center: *Nebraska's innovative Streamlining Workshops to enhance collaboration among local, state and Federal agencies to meet American Recovery and Reinvestment Act (ARRA) deadlines*

Douglas Delaney, AICP, Tennessee Department of Transportation: *Using the Tennessee Environmental Streamlining Agreement (TESA) to engage resource agencies early in the environmental planning process for complex projects*

Valerie Birch, AICP, Parsons Brinckerhoff: *How early citizen involvement is streamlining the environmental process in Tennessee*

1:45 pm – 3:15 pm

Brownfields

Session 7: Brownfields

Room: Vinings

Through the presentation of four case studies, the Brownfield attendees will learn about the regulatory realm of brownfield redevelopment, the partnering of agencies in making redevelopment feasible, and the planning that is associated with recovering formerly industrialized sites. Through the efforts of Environmental Professionals and planners, the lands that formerly had no societal value are now being brought back to productive use. The reuse of urban land is benefiting rural and other undeveloped areas by decreasing the need for increased urban spread and providing for the smart redevelopment of land contained within existing cities.

Susan Cange, USDOE: *Reindustrialization of the East Tennessee Technology Park*

Dallas Whitmill, Aquaterra Engineering: *Meth Labs – Your Neighborhood Hazardous Waste Facility*

Robert Cooper, URS Corporation: *Landfill Redevelopment-Mixed Use Case Study, Palm Beach County Solid Waste Authority, West Palm Beach, Florida – Environmental Management Award Presentation*

Steven Folsom, HSA Engineers & Scientists: *Brownfield Redevelopment Success Story – Tampa International Center/IKEA Home Furnishings – Environmental Stewardship Award Presentation*

Water Resources

Session 8: Water Quality Regulations & NEPA - Panel

Room: Techwood

Navigating the channels of the Clean Water Act's 404 Permitting Process can be daunting, especially as it relates to the United States Army Corps of Engineers and the NEPA Process. This panel will discuss ways to streamline the process and avoid some of the regulatory headaches.

John Moynier, Dewberry – Session Chair

Judith Lee, Environmental Planning Strategies, Inc.: *Demystifying the CWA 404 Regulatory NEPA Planning Process*

Aaron Allen, Los Angeles District USACE: *USACE Regulatory Program: Determining the Scope of Analysis in the CWA 404 Regulatory Program*

Edward Johnson, Savannah District USACE: *Regulatory Practices on the Savannah District Partnering for Efficiency and Effectiveness*

Darcey Rosenblatt, Environmental Science Associates: *Water System Improvement Program (WSIP) Program Environmental Impact Report (PEIR) San Francisco Public Utilities Commission, Bureau of Environmental Management - Planning Integration Award Presentation*

ABCEP Certification Review Board (CRB)

Room: Roswell

3:30 pm – 5:00 pm

NEPA

Session 9: Why NEPA is Not Inherently Self-Defeating - Panel

Room: Piedmont

This panel will present and discuss a joint paper that analyses the past, present, and future decision making of NEPA implementation. The panel will begin by summarizing the main arguments of a seminal paper written by Professor Lynton Caldwell in 1979, “Is NEPA Inherently Self-Defeating?” The Caldwell paper was written at a critical stage in NEPA’s evolution because it was written shortly after the CEQ NEPA Regulations came out and incorporates several of the most severe criticisms of NEPA, some still heard today. The panel will follow up with where NEPA is now and where it may go in the future; and then discuss how NEPA is used in decision making in the real world. The panel will close with a summary of the salient ideas and conclusions. These four panelists represent a combined total of approximately 100 years of NEPA experience.

David Keys, NOAA Fisheries – Panel Chair

Ray Clark, The Clark Group

Larry Canter, University of Oklahoma

David Yentzer, HDR Architecture Inc.

Transportation

Session 10: Transportation & NEPA

Room: Spring

NEPA documentation for transportation projects often requires complex documents with inputs from multiple jurisdictions and complex stakeholder relationships. This session provides four case studies of successful transportation projects, including highways, non-vehicular, and rail modes.

Richard Record, RL RECORD LLC: *Challenges and Opportunities under NEPA and Evolving Federal Transportation Policy in Urban-Area Interstate Highway Upgrades*

Tammy Ching, HELIX Environmental Planning: *Multi-Jurisdictional Coordination in a Two-Tiered Analysis: State Route 11 and Otay Mesa East Port of Entry*

David D’Onofrio, Atlanta Regional Commission: *Non-Vehicle Accessibility in the Atlanta Region*

Meagan Hall, HDR: *Preparing the CN/EJ&E Rail Acquisition EIS in less than a Year – What a Wild Ride!*

3:30 pm – 5:00 pm

Technology/GIS/Spatial Analysis

Session 11: Technology Applications in Environmental Management

Room: Vinings

This session will present aspects of using technology, spatial analysis and Geographic Information Systems (GIS) related to environmental protection, permitting, regulation and analysis. The session will highlight varied approaches to environmental issues by employing and promoting efficient and effective applications of technology and the benefits associated with their uses.

Julian Gotreaux, Northwest Florida Water Management District: *Electronic Permitting in the Northwest District of Florida; It's as easy as E-R-P*

Shelley Cannady, University of Georgia: *Making Your Mark On The Environment: Computer Applications and Their Effect on the Environmental Design Process*

Javier Mantilla, University of Georgia: *Using GIS Technology to Evaluate Transportation of Ornamental Crops*

Energy/Renewable Energy

Session 12: Update on Nuclear Power Renaissance - Panel

Room: Techwood

This session will focus on the renaissance of nuclear power. Topics of discussion will include the current political environment; NEPA requirements for licensing nuclear power plants; an update on licensing, preconstruction, and construction planning; and concerns of industry watchdogs.

Kevin Taylor, AECOM

Charles Eccleston, US Nuclear Regulatory Commission

Jeff Gasser, Southern Nuclear Operating Company

Sarah Barczak, Southern Alliance for Clean Energy

ABCEP CRB

Room: Roswell

5:30 pm – 9:00 pm

President's Dinner: An Evening at the Georgia Aquarium (Full conference registration includes this event)

WEAR YOUR WRIST BAND! Join us for a fun filled private event at the famous Georgia Aquarium. This year the President's Dinner includes access to the aquarium followed by dinner in the Oceans Ballroom.

With more than 8 million gallons of water and more aquatic life than found in any other aquarium, you are sure to see things you have never seen before.

The aquarium has 5 distinct galleries including Ocean Voyager – the world's largest aquatic exhibit, Tropical Diver – the coral reef gallery, Georgia Explorer – with animals indigenous to our coast, River Scout – the fresh water gallery, and Cold Water Quest – with harbor seals and other arctic animals.

The Oceans Ballroom features two breathtaking, private viewing windows to give you an up close and personal experience with views of thousands of rare and engaging species including beluga whales, the only manta rays in the U.S., and the only whale sharks outside of Asia.

Our dinner will be catered by world renowned Wolfgang Puck. There will be a cash bar available from 5:30 to 9:00 and buffet dinner will be available from 6:45 to 8:45. Drinks are allowed in the aquarium, so take your favorite beverage and wander back through.

7:00 am – 5:00 pm

Registration/Exhibits Open – Embassy

Poster Presentations – Embassy - see page 24 for details

7:00 am – 8:00 am

Continental Breakfast – Embassy

7:00 am – 7:45 am

Permanent Conference Committee Meeting

Room: Roswell

8:00 am – 9:15 am

Room: International Ballroom

NAEP Environmental Excellence Award Presentations:

- * NEPA Excellence Award - *Development and Implementation of Masonville Dredged Material Containment Facility, Masonville Cove Environmental Education Center, and Associated Mitigation Plan at Masonville Cove*, EA Engineering, Science, and Technology
- * Environmental Management Award - *Cross State Landfill Redevelopment*, URS Corporation



Keynote Speaker: Garret Graves, Louisiana Governor's Office of Coastal Protection and Restoration: *Attempt to Establish a Sustainable Coastal Louisiana – Overcoming Mind Numbing Hurdles*

Louisiana's coastal wetlands are vanishing at an alarming rate. According to the U.S. Geological Survey, our coast loses a football field of land every 48 minutes. Since 1927, these losses total more than 2,300 square miles of land—an area the size of the state of Delaware. The true risks and imminent impacts of coastal land loss go far beyond these stark statistics. At stake are the lands and infrastructure that supply fully one-third of America's domestic oil and gas production; storm surge protection for myriad communities, including New Orleans, that are home to over two million people; economically essential ports that handle large percentages of our nation's international trade, including nearly 60 percent of all grain exports; and an ecosystem widely recognized as one of the most important in the world. To protect this irreplaceable economic engine, these remarkable resources, and the well-being of our citizens, swift action is essential.

To date hundreds of millions of dollars have been spent on restoration actions and extensive studies by a myriad of entities. However, the combination of a highly complex region and competing interests has prevented us from successfully abating land loss. Without significant actions the future is dreary. The State of Louisiana with support from the White House and virtually every federal agency is currently launching a series of initiatives that intend to make the difficult decisions and cut through the bureaucratic processes with the intent of establishing a sustainable coastal area.

NEPA

Session 13: Improving NEPA Implementation

Room: Piedmont

This session will cover methods for improving the NEPA process. Topics covered include: streamlining the preparation and distribution of NEPA documents, fast-tracking NEPA analysis, and case studies illustrating improved NEPA implementation.

Nick Yost, Sonnenschein Nath & Risenthal LLP – Session Chair

Lucy Swartz, Lucinda Low Swartz: *Streamlining NEPA Documentation Revisited!*

David Boyes, HDR|e2M: *Fast Tracking the NEPA Process to Support the Military Mission*

Myles Pocta, MAP Environmental Inc.: *Lesner Bridge: A Unique Opportunity of NEPA Implementation*

Public Involvement

Session 14: Engaging & Utilizing the Public Voice in NEPA

Room: Spring

This session will begin with an overview of the federal requirements for public involvement for projects subject to NEPA and will then move into a series of brief presentations from representatives from the U.S. Forest Service and consultants. The presenters will:

- Discuss the challenge of legally, effectively and efficiently using public comments to improve the planning process and promote better decisions.
- Offer tips on how to best design and implement a public exchange so that a productive two-way exchange of information can occur.
- Present a public involvement best practices/lessons learned case study for the Illinois Department of Transportation (IDOT) Elgin O'Hare – West Bypass project –with a project study area of 125 square miles near the O'Hare Airport.

The session will conclude with a group discussion, in which the audience will be able to ask questions about the related experiences.

Leland Darryl Armstrong, Armstrong and Associates: *Creating A Successful Information Exchange*

Robert Dow, USDA Forest Service: *Comment Analysis: Meeting the Needs of the Public and Interdisciplinary Teams*

Libby Braband, CH2M Hill: *Effective Use of Interactive Workshops v. Traditional Meetings to Maintain Stakeholder Involvement throughout Long-term Planning Studies*

Ron Bass, ICF International: *Dublin San Ramon Services District/East Bay Municipal Utilities District Recycled Water Authority (DERWA) Public Information and Outreach Plan – Conservation Programs Award Presentation*

9:45 am – 11:15 am

Environmental Policy

Session 15: Implementing Environmental Policy

Room: Vinings

The session will consist of three different presentations: implementing the Plutonium Disposition Program in the U.S. and Russia, presented by the DOE; a Department of Defense perspective on the challenges associated with environmental engagement throughout Europe, presented by the HQ U.S. European Command; “lessons learned” from project participants using cooperative modeling to promote systems thinking in environmental policy and NEPA, presented by the Appalachian State University.

Roger Turner, Roger Turner & Associates – Session Chair

Michael Brown, HQ U.S. European Command: *A Department of Defense Perspective on the Challenges Associated with Environmental Engagement throughout Europe*

Kristan Cockerill, Appalachian State University: *Cooperative Modeling to Promote Systems Thinking in Environmental Policy*

Chadri Groome, US DOE: *Environmental Documentation for the Surplus Plutonium Disposition Program*

Water Resources

Session 16: Coastal Restoration - Panel

Room: Techwood

A review of coastal restoration and hurricane protection in Louisiana. This panel will provide an update on the status of the state’s comprehensive master plan for sustainable coastal development.

John Moynier, Dewberry – Session Chair

Garrett Graves, Louisiana Office of Coastal Protection

Kyle Graham, Louisiana Office of Coastal Protection

Bill Massey, Dewberry: *Hurricane Hazard Awareness, Disaster Preparedness, and Mitigation Planning*

11:45 am – 1:15 pm

Room: International Ballroom

NAEP Environmental Excellence Award Presentations:

- * Best Available Technology Award - *North Torrey Pines Bridge Seismic Retrofit Project*; AECOM
- * Conservation Programs Award - *Dublin San Ramon Services District/East Bay Municipal Utilities District Recycled Water Authority (DERWA) Public Information and Outreach Plan*; ICF International
- * Education Excellence Award – *SASWE (Sustainability, Satellites, Water, and Environment) Research Group*; SASWE Research Group, Tennessee Technological University

Keynote Speaker: Mark McDonald, The Georgia Trust – *The Role of Historic Preservation in a Sustainable Environment*

The practice of rehabilitating historic or existing buildings plays a key role in saving natural resources and reducing carbon emissions. Mark McDonald will explore the varied ways historic preservation contributes to making our built environment more sustainable and will discuss the challenges that preservationists face in making existing buildings more environmentally friendly.

1:45 pm – 3:15 pm

NEPA

Session 17: Improving NEPA Public Participation

Room: Piedmont

This session will cover tools and techniques for improving the public participation process in NEPA. Topics covered include the use of visualization techniques, the use of digital video, social media, and social networking tools, and improving document quality.

Hova Woods, ICF International – Session Chair

N. Marie Njie, Jordan, Jones & Goulding: *Using Visualization Studies to Facilitate the Public Involvement Process*

David Mattern, Parametrix: *How Document Quality Makes a Difference*

Katilin McCormick, EA Engineering, Science and Technology: *Development and Implementation of Masonville Dredged Material Containment Facility, Masonville Cove Environmental Education Center, and Associated Mitigation Plan at Masonville Cove* - NEPA Excellence Award Presentation

Environmental Education

Session 18: Educating the Young and Old, Near and Far

Room: Spring

The Environmental Education Session will include four presentations addressing education of environmental information from a variety of perspectives and to a variety of individuals. “Valuing the Sacred: Western and Middle Eastern Perspectives on Environmental Ethics” addresses how different cultures view environmental issues. “Introducing the Next Generation to the Longleaf Ecosystem” will discuss efforts that are in place to educate children on the importance of this declining habitat. A third presentation will discuss the University of West Florida’s Environmental Science program. Lastly a presentation on Tennessee Technological University’s efforts to introduce sustainability and environmental protection worldwide will highlight why this project received the Education Excellence Award.

Klaus Meyer-Arendt, University of West Florida: *Environmental Science*

Ron Deverman, HNTB: *Valuing the Sacred: Western and Middle-Eastern Perspectives on Environmental Ethics*

Mark Haines, The Longleaf Alliance: *Introducing the Next Generation to Longleaf Pine*

Faisal Hossain, Tennessee Technological University: *SASWE (Sustainability, Satellites, Water, and Environment) Research Group* – Education Excellence Award Presentation

Technology/GIS/Spatial Analysis

Session 19: Technology and Environmental Conflict Resolution – Panel

Room: Vinings

This panel session will discuss Environmental Conflict Resolution (ECR) and how integrating technology can enhance and change this field. Panel members will introduce ECR and discuss the role of the US Institute for ECR and supporting partners; review current collaborative processes and how these may develop in the future; introduce selected projects and outcomes; discuss the role of technology within an ECR process. The panel will also offer project examples, including: GIS and the use of spatial decision support models, online multi-criteria decision analysis tools and other technology advances and tools available.

Robin Smith, ESRI

Jordan Henk, University of Redlands

Larry Fisher, U.S. Institute for Environmental Conflict Resolution

1:45 pm – 3:15 pm

Oceans

Session 20: NOAA in the 21st Century - Panel

Room: Techwood

This panel consists of three representatives from the NOAA line offices of Program Planning and Integration (PPI), National Marine Fisheries Service (NMFS), and the National Ocean Service (NOS). NOAA is a major subunit of the Department of Commerce. Presenters will focus on their respective NOAA missions to conserve and manage coastal and marine resources to meet our nation's economic, social, and environmental needs.

David Keys, NOAA Fisheries, Southeast Region

Steve Kokkinakis, NOAA Program Planning & Integration

Becky Shortland, NOAA Gray's Reef National Marine Sanctuary

3:30 pm – 5:00 pm

NEPA

Session 21: Improving NEPA Effectiveness

Room: Piedmont

On the 40th anniversary of NEPA practice, this session will explore how to improve the implementation and effectiveness of the law. Topics covered include a survey of practitioners, a case study analysis of process improvement, and NEPA success stories.

Robert Henke, ICF International –Session Chair

Karen Johnson, Geo-Marine Inc.: *NEPA, 40 Years and Counting: Do Environmental Professionals Find it Efficient and Effective at Protecting the Environment?*

Nathaniel “Skeeter” McClure, Volkert & Associates: *Evolution of the NEPA Process 1971 – 2005: Three Case Studies*

Robert Smythe, Potomac Resource Consultants: *NEPA Success Stories: Case studies that illustrate ways that NEPA has improved decision-making*

Piet and Carole deWitt: *Environmental Impact Statement Preparation Times: 2007 and 2008*

3:30 pm – 5:00 pm

Transportation

Session 22: Linking Transportation Planning and Environmental Analysis: Tips & Tools for Success - Panel

Room: Spring

Planning and Environment Linkages Program (PEL) fosters collaborative and integrated transportation decision-making to achieve environmentally-sound transportation projects. PEL provides a venue for better communication beyond the minimum required by NEPA and more in line with community expectations. The panel will provide practical tools for implementing PEL.

Michael Culp, FHWA

Gina Filosa, Cambridge Systematics

Gina Barberio, US DOT Volpe Center

Jimmy Kagan, Oregon Natural Heritage Information Center

Land & Watershed Management

Session 23: Developing Sustainable Management & Mitigation – From the Farm, the Mitigation Bank and the Neighborhood Park

Room: Vinings

This session presents four different approaches to future sustainability – two through discussion of direct methods for addressing specific impacts and two through conservation or preservation of landscapes and habitat.

Forrest Stegelin, University of Georgia: *Sustainable Marketing, Economic, Financial and Environmental Opportunities for Manure Waste Management Systems*

Rebecca Stankiewicz Gabel, USDA-APHIS-BRS: *Assessing Cumulative Impacts of Second Generation GE crops*

Elizabeth Keysar, Concurrent Technologies Corporation: *Ecosystem Banking Best Practices*

3:30 pm – 5:00 pm

Water Resources

Session 24: Innovation in Water Quality Monitoring & Treatment

Room: Techwood

Of interest to planners, scientists, and engineers, the session focuses on new and innovative technologies or practices to treat, monitor or protect water resources. The practices are suitable for a variety of applications including wastewater, solid waste disposal, and agricultural/landscape management.

Eric Zigas, Environmental Science Associates: *Balancing Act: Establishing Recycled Water Irrigation Over a Potable Groundwater Aquifer*

Valentine Nzungu, PLANTECO Environmental Consultants: *Engineered Green Technology for Treatment of Landfill Leachate and Wastewater*

Luke Daly, Ferrate Treatment Technologies, LLC: *Ferrate Treatment for Drinking Water, Wastewater, and Water Reuse*

5:00 pm – 6:00 pm

NEPA Working Group Meeting

Room: Piedmont

Transportation Working Group Meeting

Room: Spring

2011 Conference Committee Meeting

Room: Techwood

7:00 pm – 9:00 pm

NAEP Board of Directors Meeting (all members welcome)

Room: Roswell

7:00 am – 5:00 pm

Registration/Exhibits Open – Embassy & Embassy Foyer

Poster Presentations – Embassy – see page 24 for details

7:00 am – 8:00 am

Continental Breakfast - Embassy

8:00 am – 9:30 am

NEPA

Session 25: NEPA Tools, Analysis & Methodologies

Room: Piedmont

This session will cover new tools and analysis techniques for improving NEPA analyses, including some in the areas of data management, geographic information systems, water quality analysis, and health impact assessment.

Peter Havens, Sound and Sea Technology – Session Chair

Danny Reinke, USAF: *NEPA Reference Documents and Data Management: A Data Management Tool*

Patrick Solomon, HDR|e2M: *A History of Integrating GIS into the NEPA Process: Challenges and Successes*

Jason Yazawa, PB Americas: *Presentation of TRB and NCHRP Report: Water Quality Analyses for NEPA Documents: Selecting Appropriate Methodologies*

Sarah Kennedy, National Center for Environmental Health: *Revisiting the Scope of Health Impact in U.S. Environmental Impact Assessment Processes through NEPA*

Air Resources

Session 26: Climate Change Assessments

Room: Spring

This panel will explore the varying thresholds/benchmarks, analytical methodologies, and reduction strategies among lead agencies and environmental professionals. Specifically, the panel will discuss the state of the art concerning these assessments including determining the effects of climate change by consultant and agency experts with direct experience in the development of these tools.

Honey Walters, Ascent Environmental Inc.: *Climate Change Assessments: Thresholds/Benchmarks, Analytical Methodologies, and Reduction Strategies*

Tom Sanders, HDR: *A “Climate-Informed” Approach Integrated Into Environmental Reviews*

Kovid Saxena, HDR: *Integrating the Consideration of Climate Change – The Assessment of Greenhouse Gas Emissions in Environmental Impact Statements*

Emily Johannes, NOAA: *Clamping Down on Climate Change: How NOAA's Climate Services Can Help Fill the NEPA Toolbox*

8:00 am – 9:30 am

Land & Watershed Management

Session 27: Environmental Effects with Passports - Impacts and Mitigations that Don't Stay in One Place

Room: Vinings

This session presents a case study from the Floriculture Industry regarding approaches to ozone air pollution and a discussion of how to manage restoration and mitigation across jurisdictional boundaries.

Edward Law & Hazel Wetzstein, University of Georgia: *Atmospheric Ozone Air Pollution: Documenting Its Incidence and Biological Impact for the Greenhouse Floricultural Industry*

Jason Reynolds, AECOM: *Project Development and Restoration/Mitigation Across Jurisdictional Boundaries* – Best Available Environmental Technology Award Presentation

Wetlands Restoration/Mitigation

Session 28: Stream Mitigation Banking - Panel

Room: Techwood

This session will feature an interactive panel discussion regarding stream mitigation banking from the perspective of a consultant, regulator, stream banker, and a landowner representative. This session will focus on the stream mitigation banking industry, how it has evolved and the benefits it provides through different perspectives.

Steve Jones, Environmental Sciences Inc.

Justin Hammonds, US Army Corps of Engineers

George Howard, Restoration Systems

9:45 am – 11:15 am

NEPA

Session 29: Agency NEPA Process Improvement

Room: Piedmont

This session will explore innovative ways of improving implementation of the NEPA process. Topics covered include: modernizing analysis techniques, the use of environmental performance standards, and integrating historic preservation analysis into the NEPA process.

Jeff Heilman, Parametrix – Session Chair

Bruce Yeager, Tennessee Valley Authority: *Modernizing and Retooling Implementation of the NEPA Process at the Tennessee Valley Authority*

James Gregory, HDR: *Environmental Performance Standards in an Environmental Assessment: Willamette River (I-5) Bridge, A Case Study*

Betsy Shreve-Gibb, AECOM: *15 Years of NEPA Implementation and Counting: NEPA Compliance for Department of Defense's National Airspace Program*

Lauren McGee, USDA Rural Utilities Service: *Improving the Integration of Section 106 with NEPA – a Federal Financing Agency's Perspective*

Transportation

Session 30: Transportation & Climate Change/GHG

Room: Spring

This session tackles the complex problem of dealing with GHG emission in transportation projects and systems. As transportation is a major contributor to GHG emissions, potential changes in highway usage could make or break the local and regional goals to reduce GHG emissions.

Elaine Olivares, Atlanta Regional Commission: *Transportation Impacts on Greenhouse Gas Emissions*

Kristen Maines, HDR: *Cap-and-Trade and Improved Public Transportation: A Two-Fold Approach to Reducing GHGs and Fighting Climate Change.*

9:45 am – 11:15 am

Energy/Renewal Energy

Session 31: Funding Renewable Energy - Panel

Room: Vinings

To provide incentives for the creation of “green” jobs, promotion of energy independence, and reduce greenhouse gas emissions, the federal government has created funding mechanisms specifically geared toward the development of innovative renewable energy projects. Many of these funding mechanisms trigger review under the NEPA. This program explores the various funding mechanisms available, what the eligibility requirements are for that funding, and what role NEPA plays in the application and approval process. Given the limited time frames for some of the funding requirements, the implications of NEPA can all but block funding for a project. Understanding when and how NEPA is applied allows parties to avoid certain pitfalls and provides greater integration between the funding of a project and the environmental analysis and development of the infrastructure necessary for the successful implementation of alternative energy projects.

Jennifer Guenther, Esq., Gresham Savage Nolan & Tilden, APC

Barbara H. Gallo, Esq., Krevolin & Horst LLC

Kerry Nelson, Krevolin & Horst LLC

Water Resources

Session 32: Technical Applications for Water Resource Management

Room: Techwood

Increasingly managing our nation’s water resources requires a new approach to modeling and reporting data. Keeping track of this information and making it available to the interested stakeholders requires making use of new paradigms for water resource planners. This panel looks at some of the varied tools and approaches being put into practice across the nation.

Joe Mauser, Sandia Staffing Alliance: *Remote Monitoring and Data Acquisition to Facilitate Water Quality Management and Regulatory Compliance*

Tanya Fitzgerald, Sandia Staffing Alliance: *Implementation of an Internal Discharge Approval System to Meet Wastewater Concentration Limits*

Suresh Hettiarachchi, HDR: *21st Century Approach to Detailed Watershed Management*

Jeff Christopherson, HDR: *Using HEC-HMS to Model an Urban Drainage System*

11:30 am – 1:00 pm

Room: International Ballroom

NAEP Membership Meeting
NAEP Service Awards
Editor’s Report
Roberts Fund Report
Lynton Caldwell Award
Zirzow Award
Fellow Award

1:15 pm – 2:45 pm

NEPA

Session 33: The Evolution & Future of NEPA Documents - Panel

Room: Piedmont

In the forty years of NEPA practice the “detailed statement” required by section 102 of the act has undergone substantial changes. While CEQ regulations admonish us that “NEPA’s purpose is not to generate paperwork – even excellent paperwork...” the documents we produce are the most visible evidence of our work. Our documents are what the public and agencies read and the lawyers and judges debate. The relatively recent emergence of electronic media and social networking is now challenging our concept of what documents are. To discuss the past, present, and future of NEPA documents this panel will include leading practitioners from the areas of NEPA that generate the most documents; land management (USFS and BLM), transportation (branches of USDOT), and the military. Each panelist will comment on how NEPA documents in their area have changed and the challenges and opportunities they see in the future. Time will be provided for questions from the audience.

David Mattern, Parametrix – Panel Chair
Joe Carbone, USFS
Judith Lee, Environmental Planning Strategies Inc.

1:15 am – 2:45 pm

Energy/Renewable Energy

Session 34: Smart Grid: Wind and Wave Energy

Room: Spring

Several environmental, legislative, technological and public concerns have converged to produce an environment where greater emphasis is now being placed upon renewable energy, energy efficiency, and demand response, as well as cause basic changes to transmission of electricity and information sharing. The Energy Independence and Security Act (EISA), the Public Utilities Regulatory Policy Act (PURPA) and the ongoing legislative discussions of greenhouse gases, carbon management and renewable portfolio standards continue to set the stage for the future. The potential for impacts of policies, programs and projects implemented by agencies in response to energy-related legislation can challenge the environmental practitioner. Setting the appropriate context at the practical level for evaluating resulting environmental impacts requires understanding the big picture issues. The challenges created range from: appropriately evaluating cumulative effects, life cycle impacts and related actions; to bounding the methods, timing and uncertainty of how proposed technologies will be implemented; to understanding and predicting the adaptive responses of the people and organizations affected.

Kevin Halsey, Parametrix: *Building a Cumulative Effects Framework for Development of Wave Energy off the Oregon Coast*

Marie Campbell, Sapphos Environmental: *Winning Strategies to “Power” Timely Political and Social Approval for Wind Energy Projects: Combining the Best of Public Affairs and Environmental Analysis*

Bruce Yeager, Tennessee Valley Authority: *Practical Challenges to Evaluating Environmental Impacts from Renewable Energy, Energy Efficiency, Demand Response and a Functioning “Smart Grid”*

Sustainability

Session 35: Addressing Sustainability in Small & Rural Communities - Panel

Room: Vinings

Sustainability in small and rural communities can bring many challenges, as access to resources and funding is often limited. This session will introduce current examples of efforts across Georgia to help communities balance economic development needs with natural resource concerns. Social, economic, and political issues all factor into successful planning for community sustainability. The panel will share examples from rural areas, metro Atlanta, and coastal communities. A highlight will be an interactive exercise for participants to consider sustainability factors in small groups during part of the session.

Mark Gander, AICP, AECOM – Panel Chair

Todd Barker, AICP, Ecological Solutions

Shannon Kettering, ASLA AICP, Ecos Environmental Design

Courtney Reich, AICP, Ecological Planning Group

Katherine Moore, AICP, Georgia Conservancy

Water Resources

Session 36: Water Quality & Drought Management Planning - Panel

Room: Techwood

The session will provide critical guidance and valuable application tools to water resource planners, and public and private water supply providers in focus areas of water conservation and water efficiency. Guidance from Georgia Environmental Protection Division Water Conservation Implementation Plan will be outlined. Experience from developing a regional conservation program for the metro Atlanta area will be provided. The session will also provide guidance on International Water Association/AWWA water loss protocol, which allows municipalities to assess water usage, estimate water loss, and develop programs to reduce water loss.

Pamela Burnett, AECOM

TBA, Georgia Environmental Protection Division

Kim Shorter, AECOM

Patricia Stevens, Metropolitan North Georgia Water District

NEPA

Session 37: Logical Termini & NEPA in Transportation Projects - Panel

Room: Piedmont

An evaluation of Logical Termini, as a requirement within U.S. Department of Transportation, Federal Highway Administration (FHWA) regulations (23 CFR 771.111(f)) for projects with FHWA funding, presents the environmental planner with options for transportation project assessment within the NEPA process. The issue of Logical Termini fits into the transportation decision-making process in several places – scope, schedule, budget; planning and air quality modeling, as part of the State Transportation Improvement Program (STIP); establishing a project’s Need and Purpose; and traffic analysis. In Georgia, the Logical Termini analysis as a component of NEPA has undergone an overhaul in the past couple of years from a simple analysis to a comprehensive assessment requiring FHWA concurrence at the onset of the NEPA process. This analysis includes a detailed assessment consisting of Rational End Points, Independent Utility, and Reasonably Foreseeable Alternatives. This panel discussion proposes to address the current situation of evaluating Logical Termini for transportation projects, including how the current process came into being, how the analysis is currently being conducted, and what is being done to address this issue. The panel discussion specifically intends to address the current standards of evaluation of logical termini with the goal of identifying areas that can improve efficiency in this aspect of the transportation decision-making process, and address where this analysis should be taking place (in the Planning phase versus during preparation of the NEPA document).

Laura Dawood, Kennedy Engineering & Associates Group LLC – Panel Chair

Bruce Hart, Kennedy Engineering & Associates

Matthew Fowler, GDOT Office of Planning

Michael Murdoch, GDOT Office of Environmental Services

Katy Allen, FHWA

David Haynes, ARC

Dale Youngkin, Kennedy Engineering & Associates

3:15 pm – 4:45 pm

Air Resources

Session 38: Climate Change Planning at the Local Level - Panel

Room: Spring

Climate Action Plans (CAPs) have become an increasingly common vehicle for sustainability planning at the local level. In response to state climate change laws, and as a requirement of some legal settlements, these comprehensive action plans present a key opportunity to focus land use and transportation planning efforts toward sustainability and to prioritize local actions designed to achieve greenhouse gas (GHG) reductions. Many of these actions require sustainable funding sources to ensure that resulting GHG reductions may actually be achieved. CAPs also feature an extensive public outreach component that seeks to both educate the public regarding climate change and to engender support for resulting measures. Monitoring the effectiveness of CAPs over time is a key component to program success, and numerous advocacy organizations are engaged in efforts throughout the nation. Panelists will discuss the effectiveness and challenges of local CAP projects at various stages of completion from four dimensions: land use/GHG relationships, public finance considerations, public outreach and participation, and the role of advocacy groups in the development of sustainable climate action plans.

Honey Walters, Ascent Environmental Inc.

Jeff Henderson, AECOM

Michael Hendrix, PBS&J

Sustainability

Session 39: Beyond Form Based: Ecological Design Based Development Codes - Panel

Room: Vinings

Form-based codes are well-established, accepted tools to address the design, function, and relationship of buildings and public spaces in urban areas. Less known and discussed is the adaptation of a form-based code model to: 1) rural areas, where natural landscapes dominate the built environment, and 2) urban areas, where the built environment dominates but where natural systems may exist or are being restored or introduced. Fundamental to such codes are illustrated standards and guidelines on how development can respect and enhance natural and cultural landscape features while also enhancing the quality and value of development. This workshop will introduce principles for ecological design based codes and case studies of how these codes work to integrate built and natural environments in a conservation framework. This panel will also demonstrate how conservation values are woven throughout such codes to address up front, rather than after-the fact, environmental impacts of development. Finally, this panel will highlight how technical analysis/studies involving environmental professionals are integral to the foundation of ecological design codes.

Mark Gander, AICP, AECOM – Panel Chair

Jeff Goldman, AICP, AECOM: *An introduction to Ecological Design*

Amie MacPhee, Hart Howerton: *Preserving a Lasting Landscape – Embedding Conservation and Rural Planning Principles into Planning Codes*

Matt Goebel, AICP, Clarion Associates: *Considering Sustainability in Local Plans and Development Codes*

3:15 pm – 4:45 pm

Wetlands Restoration/Mitigation

Session 40: Wetlands/Streams Restoration & Compensatory Mitigation

Room: Techwood

This session includes four presentations that will focus on performance risk as a critical variable in evaluating mitigation options; comparing mitigation types, locations, and size as a guide to designing effective mitigation projects; utilizing anurans as an indicator of success; and critical design criteria for successful stream restoration. Each presentation will provide a unique look at wetland restoration and mitigation by highlighting risks, challenges, design criteria or success indicators.

Randy Wilgis, Environmental Banc & Exchange, LLC: *Quantifying performance risk for ecosystem restoration investments*

Alicia Dixon, Florida Gulf Coast University: *Anuran use of natural wetlands, created pools, and existing canals within the Picayune Strand Restoration project*

Steve Jones, Environmental Services Inc: *Critical design criteria for successful natural channel design stream restoration*

Jon Barmore, Environmental Services Inc.: *Relative success rates of differing active mitigation types (enhancement, restoration, creation) across increasing size of mitigation areas from small, site-specific plots to large-scale ecosystems*

5:00 pm – 7:00 pm

NAEP Board of Directors Meeting (all members welcome)

Room: Roswell