

PLANNING AHEAD

Notes for the Planning and Policy
Community



US Army Corps
of Engineers

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A Note from the Leader of the Planning Community of Practice

I would like to begin my remarks this month by saying how excited I am to be back at Headquarters, now serving as the Leader of the Planning Community of Practice and the Chief of the Planning and Policy Division. I would like to thank all for the well wishes and in particular thank LT General Robert Van Antwerp, Commanding General and Chief of Engineers, MG Bo Temple, Deputy Commanding General for Civil Works and Emergency Operations, and Mr. Steve Stockton, Director of Civil Works for their support.

Before delving into the heart of my comments this month, I would also like to take this opportunity to tell you a little bit about myself. Many of you were aware that I acted in this position during the period from October 2007 to May 2008, following the retirement of my friend and colleague, Mr. Thomas Waters. Prior to my appointment, I was the Chief of the Planning and Policy Division at the Great Lakes and Ohio River Division (LRD) from 2002. Also within LRD, I served as the first ever Chief of Business Management within the Corps from 1999 through 2002. I have been Nashville District Chief of Planning as well as Chief of Economic and Social Analysis and Assistant Chief, Plan Formulation in Huntington District. I began my career with the Corps at the Huntington District, serving as a project manager and study manager on various General Investigation and Construction General studies. I have also had the wonderful opportunity to be a graduate member of the 1995 Planning Associates Program.

I strongly believe in the idea of engaging our partners and stakeholders. I can not overemphasize the importance on the part of planning community to actively reach out, educate and build strong relationships with our partners and stakeholders to ensure the development of collaborative approaches to effectively solve water resource problems. This emphasis on collaboration with our customers and study/project partners fits in well with the Planning Community of Practice's role in the implementation the USACE Campaign Plan Goal #2 "Deliver enduring and essential water resource solutions through collaboration with partners and stakeholders." As the Leader of the Planning Community of Practice and the Chief of the Planning and Policy Division, I have ownership of Objective 2a: Deliver integrated, sustainable water resources solutions, and Objective 2b: Implement collaborative approaches to effectively solve water resource problems and I will need each and everyone's assistance to achieve these worthwhile objectives.

An integral part of the USACE Campaign Plan is the Commander's Intent. Given the significance of the Commander's Intent, I feel it is worth repeating here as it is very relevant to the Planning Community of Practice:

“The U.S. Army Corps of Engineers will, through execution of this Campaign Plan, become a GREAT organization as evidenced by the following in all mission areas:

- * Deliver superior performance EVERY TIME
- * Set the standard for our profession
- * Make a unique positive impact on our nation and other nations
- * Built to last

Having had the honor to be part of the Corps planning program at the District, Division and Headquarters level, I have great respect for, deep appreciation, admiration and understanding of the unique, challenging and important role that planners perform every day in executing the U.S. Army Corps of Engineers Civil Works mission. I look forward to working with you to advance the Corps Civil Works Program in the future by strengthening the Corps planning program!

Building Strong, Planning Smart

Theodore A. "Tab" Brown, P.E.
Chief, Planning and Policy HQUSACE

WORDS FROM THE EDITOR

This month's issue of *Planning Ahead* begins with an announcement that Mr. Jim Fredericks, Senior Economist of the Northwestern Division, will be conducting a webmeeting this Friday, March 20th from 0800 to 0900 PDT. Mr. Fredericks will give a presentation on the subject "Economic Technical Review for Decision Documents."

USACE has established the Dam Safety Risk Management Center as a component of the Institute for Water Resources and has initiated a recruitment action for the Director of the new center.

Dr. Wen-Heui Chang and Dr. David Moser of the Institute for Water Resources prepared an article on the analytical modeling tool (IMPLAN) that the Corps will be using to estimate the employment impacts associated with Corps activities resulting from the recently enacted American Recovery and Reinvestment Act (Public Law 111-5).

Ms. Kerry Redican of the Institute for Water Resources reports on the development of a new web-based resource guide containing links to literature and resources that focus on collaborative planning processes, tools and techniques. The resource guide is a general primer for anyone interested or involved in a planning process, and then provides more specific resources for planners in the Corps who are conducting studies addressing such issues as flood

damage reduction, ecosystem restoration, and watershed management.

Ms. Terri Jordan of the Jacksonville District and a member of the Planning Associates Class of 2009, reports on the Planning Associates visit to New Orleans, the Engineer Research and Development Center, and San Antonio to learn about ongoing rebuilding efforts in New Orleans, the technical capabilities at ERDC, and to attend the "Watershed Planning" training module of their year long training class.

Also included in this month's issue of *Planning Ahead* is a call for abstracts for the Mid-Atlantic Stream Restoration Conference this coming November in Morgantown, WV; a listing of employment opportunities from around the Corps, an announcement of a workshop on restoration of riparian zones for water quality and ecological functions, co-sponsored by the Environmental Laboratory at ERDC and the Southern Nevada Water Authority, an announcement of the availability of training classes offered by the U.S. Institute for Environmental Conflict Resolution, upcoming PROSPECT training courses, conferences, and recent publications.

Ken Lichtman, Editor
Institute for Water Resources

PLANNING CoP NEWS

Announcement of Webmeeting on Economic Technical Review Friday, March 20th, 8:00– 9:00 PDT

Mr. Jim Fredericks, Senior Economist in the Northwestern Division has developed a one hour presentation on the subject “Economics Technical Review for Decision Documents.” The presentation will take place on Friday, March 20th, from 0800 to 0900 PDT. This presentation is open to all economists across the Corps. The presentation will be conducted via webmeeting, and 40 phone lines have been reserved. In order to reach as large an audience as possible, it would be helpful if individuals from the same district could participate via the same phone line. The target audience are staff members who are conducting economics technical review for any decision document ranging from a CAP study to a study requiring authorization. Among other things, the presentation will cover:

- Why Economics Review is Important
- Objectives of the Economics Review
- Economic Issues to Look for in a Report
- Resolving comments

Information regarding the phone number, web site, and participant code to access the webmeeting have been mailed to the economics email list, or can be obtained by contacting Jim Fredericks at Jim.K.Fredericks@usace.army.mil.

USACE Establishes Dam Safety Risk Management Center at IWR, Recruitment for new Center’s Director Position

The USACE has established a new national organization - the Dam Safety Risk Management Center (RMC) - as a component of the Institute for Water Resources (IWR) and has begun recruitment for the new center's Director position. The position is open to all government and private sector employees meeting the qualifications. The Center and the Director's position are a collaborative effort between Headquarters Dam and Levee Safety Programs and the IWR.

The RMC will be the foundation of the Corps approach to centrally lead and manage, but decentrally execute its safety programs, with responsibilities for developing, deploying, training, overseeing, and managing all aspects of risk assessments and activities related to assurance of reliable, safe infrastructure. The RMC is modeled after the Corps Hydrologic Engineering Center in Davis, California and will seek to establish a strong relationship with academia, and will reflect a similar business model that emphasizes service to USACE field offices in support of mission success. Although the RMC will initially be focused on dams, it is expected that levees and other infrastructure will also become central to its mission.

The Director's position will provide critical leadership for the center - directing, leading, and managing a diverse staff of both co-located and virtual experts in risk engineering and science. The position is a senior YF Pay Band 03 supervisory engineer (GS-15 equivalent), with creditable specialized experience as a nationally recognized technical leader in the areas such as dam safety, engineering risk analysis, and/or public works infrastructure safety and security, with experience in planning and developing a continuing program, strategic visioning ability, and a demonstrated ability to direct the accomplishment of special studies/reports on dam safety and risk related projects, including via collaborative partnerships with other federal and state agencies and university engineering departments. The position's minimum requirements include a masters degree, with a PhD preferred, and a professional engineer license.

The announced duty station is at IWR (Fort Belvoir) in Alexandria, VA, however it is anticipated that the RMC will ultimately be located remote from the Washington DC National Capital Region, in an academically and logistically favorable locale. The salary of the position will be initially set with the local market supplement for the Washington metro area but would change to correspond with the local market supplement for the actual duty station.

The announcements opened on 13 March 2009 and close 27 April 2009. Condensed versions of the job announcements are included in the "Employment Opportunities" section of the newsletter (see vacancy numbers 10 and 11). Complete job announcements are posted on CPOL (<http://acpol.army.mil/>) and USAJOBS (www.usajobs.opm.gov). Federal employees should use NCFL09229562 to apply; persons other than current federal employees should apply under NCFL09299562D. Please carefully follow the directions in the vacancy announcements to apply for the positions.

For additional information, please contact Ms. Merry Henley, at Merry.G.Henley@usace.army.mil. For more information on the nature of the position and the scope of responsibilities, please contact either Mr. Robert A. Pietrowsky, IWR Director, at Robert.A.Pietrowsky@usace.army.mil or Mr. Eric Halpin, CECW-CE, Special Assistant for Dam and Levee Safety, at Eric.C.Halpin@usace.army.mil.

Estimating the Employment Impacts of Corps of Engineers Activities Associated with the American Recovery and Reinvestment Act

*By Wen-Huei Chang and David Moser,
Institute for Water Resources*

On February 17, 2009, President Barack Obama signed into law the American Recovery and Reinvestment Act, [Public Law 111-5](#). Included in the law were appropriations to the Corps of Engineers totaling \$4.6 billion, including \$2.0 billion for construction and \$2.075 billion for operation and maintenance activities.

The U.S. Army Corps of Engineers Civil Works program uses IMPLAN (IMPact analysis for PLANning) employment multipliers to estimate the potential number of jobs preserved or created by the stimulus spending.

Employment impacts are calculated by first matching spending with individual industries and estimating what spending will be captured in the geographic region. This spending is then applied to a model of the region's economy to translate spending into the resulting jobs and to determine the secondary or "multiplier effects" that include indirect (from supporting industries) and induced (from household spending) effects. The remaining spending that is not captured by the immediate study region but will be kept in the nation is then applied to a national model to translate spending into the resulting jobs added to

the nation's economy.

The Institute for Water Resources has developed an MS Excel template with these calculations and IMPLAN multipliers embedded to automate the computations and avoid the necessity of running the full IMPLAN.

IMPLAN is an input-output modeling system that uses national and regional economic data to generate detailed sector-by-sector reports for a given region. IMPLAN's sectoring scheme is based on the Standard Industry Classification (SIC) code system and the Bureau of Economic Analysis (BEA) I-O sectoring, and for the most part, is similar to a 3 and 4 digit SIC code system.

IMPLAN was originally developed by the U.S. Forest Service, Land Management Planning Unit in Fort Collins, Colorado, as a model to assist the Forest Service in land and resources management planning and is currently maintained and owned by the Minnesota IMPLAN Group (MIG).

IMPLAN's job effects (employment) include wage and salary employees and self-employed jobs. IMPLAN's employment data comes from the U.S. Department of Labor's ES-202 data, the U.S. Department of Census' County Business Patterns, BEA's Regional Economic Information System, BEA's output series and the Annual Survey of Manufacturers and the Bureau of Labor Statistics growth model.

IMPLAN is currently being used by U.S. Army Corps of Engineers; U.S. Department of Commerce, Bureau of Economic Analysis; U.S. Department of Interior, Bureau of Land Management; U.S. Department of Interior, Bureau of Reclamation; U.S. Environmental Protection Agency; the Federal Reserve System member banks, U.S. Department of Agriculture, U.S. Forest Service; U.S. Department of Interior, National

Park Service, and many other federal, state and local government agencies and academic researchers.

For more information about this subject, please contact Dr. Dave Moser, David.A.Moser@usace.army.mil or Dr. Wen Chang, Wen-Huei.Chang@usace.army.mil.

IWR Develops Collaborative Planning Toolkit

By Kerry Redican, Institute for Water Resources

IWR's new [Conflict Resolution and Public Participation Center](#) has developed a Collaborative Planning Toolkit that is available at: www.svp.iwr.usace.army.mil/CPToolkit/Default.asp.

This toolkit is a web-based resource guide with extensive hyperlinks to existing literature and resources that focus on collaborative planning processes, tools and techniques. The central theme of this toolkit is planning and the underlying subjects of decision support theory, conflict resolution, risk management and public involvement, as well as advances in the technology (computers) that will be needed to support the collaborative planning process.

The Collaborative Planning Toolkit was designed for anyone – in or outside the Corps of Engineers – who is working to solve water resources problems.

The website provides a general primer for anyone interested or involved in a planning process, and then provides more specific resources for planners in the U.S. Army Corps of Engineers who are conducting studies addressing such issues as flood damage reduction, water supply, water quality, sedimentation and drainage, ecosystem restoration, and watershed management. In many cases, both general and Corps-specific resources and/or applicable policy guidance are cited.

The major sections of the toolkit are:

- [What is Collaborative Planning?](#)
- [Resources on Collaborative Planning](#)
- [Steps in the Collaborative Planning Process](#)
- [Tools and Techniques for Collaborative Planning](#)
- [Computer Software for Collaborative Planning](#)
- [Case Studies of Collaborative Planning](#)

Please take a moment to check out the Collaborative Planning Toolkit and share it with others that you work with in the collaborative planning field.

For additional information on the Collaborative Planning Toolkit please contact Kerry Redican at Kerry.M.Redican@usace.army.mil.

Planning Associates Visit New Orleans, ERDC Labs in Vicksburg, and San Antonio

By Terri Jordan, Jacksonville District

During the period from January 19—30, the Planning Associates visited New Orleans, the Engineer Research and Development Center labs in Vicksburg, and San Antonio to gain an appreciation and understanding of the Corps efforts to rebuild the hurricane protection system in New Orleans, the technical capabilities of ERDC, and receive formal training via the Watershed Planning course, hosted by the Southwestern Division.

Our trip began in New Orleans, Louisiana where we were given the opportunity to review the ongoing recovery and flood damage protection efforts in the city. Colonel Greg Gunter, Deputy Commander of Task Force Hope, provided an overview of the projects being implemented to help the city recover and be protected from future storms. The class then took a windshield tour of the recovery and rebuilding efforts with Mark Spillers and Tim Zimmerman with the Public Affairs Office from the New Orleans District.

The class visited the new floodwall project along the south side of the city, and the pumping station on the 17th Street Canal. We also took a driving tour of the Lower 9th Ward, and were given a tour of the Inner Harbor Navigation Canal Lock. We saw significant progress, but also realized that there remains a great deal of work for Task Force Hope to complete in the coming months and years.



The 17th Street pumping station looking north toward Lake Ponchartrain.

After leaving New Orleans, we drove to Vicksburg, Mississippi, home of the Engineer Research and Development Center (ERDC). We began our visit with a welcome briefing from Wayne Stroup of the Public Affairs Office for ERDC and then began our day with an overview of the capacities of the [Coastal and Hydraulics Lab \(CHL\)](#).

During our visit we learned about regional sediment management and the models available for use by District staff. We visited the Field Data Collection Analysis Branch facilities where a physical model of the Port of Anchorage is currently undergoing assessment in support of the Alaska District's feasibility study.



A Physical model of the Port of Anchorage

We also had an opportunity to visit the [Geotechnical and Structures Laboratory](#) and were given a tour of the [Centrifuge Research Facility](#). Here ERDC staff use the super centrifuge to test scenarios in support of levee and dam construction. We also visited the Blast Load Simulator. This system allows for faster and less expensive testing of materials exposure to blast pressures with greater data collection than in field testing.

The last stop of the day was the [Information Technology Laboratory](#). We saw the new supercomputer in use to support the Corps and DOD analysis of projects. The amount of computer power was amazing. We also learned that ERDC is now one of three Major Shared Resource Centers for the Department of Defense.

Our second day at ERDC was spent at the [Environmental Laboratory](#). Dr. Beth Fleming,

Director of the Environmental laboratory, provided us with an overview of the lab, their capabilities and gave us ideas about how we can access the science staff at the lab to support our planning efforts. We were briefed on ecosystem restoration; environmental benefits analysis; watershed research and modeling tools, as well as model certification efforts and results. We visited the [Environmental Toxicology Research Facility](#) before heading to learn about the [Aquatic and Wetlands Ecosystems Research and Development Center's](#) Invasive Species programs efforts for exotic plan control as well as the support for endangered and threatened species protection and monitoring. The class even got to get up close and friendly with a Mississippi native.



Judy Sheen of the San Francisco District meets a local Mississippi alligator

After our visit to ERDC, the following day we visited the Mississippi Valley Division office, where the class met BG Michael J. Walsh, MVD Commander and were given an overview of the [Mississippi River Commission](#); the [Mississippi River and Tributaries program](#) as well as the [National Ecosystem Planning Center of Expertise](#).

After an exciting week in Vicksburg, the team headed to San Antonio, Texas for our first official subject matter class – “Watershed Planning” hosted by course owner Sam Arrowood of the Southwestern Division.

We began the class with a broad overview of the Federal perspectives in watershed planning and throughout the week honed downward toward looking at detailed on the ground watershed planning projects that the Corps has undertaken.

Course instructors included Mr. Mike Bira, from the



Planning Associates Class of 2009 in front of the Mississippi Valley Division office in Vicksburg, Mississippi

Environmental Protection Agency and Mr. Keith Admier from the Natural Resources Conservation Service (part of the U.S. Department of Agriculture) as well as USACE HQ staff. Ms. Jan Rasgus, from the USACE HQ Office of Planning and Policy provided an excellent overview of the Corps policy and planning guidance on watershed planning.

The next day began with a field trip to visit the [San Antonio River Authority's River Improvement Project](#) (Mission Reach) which is a large scale restoration of nine miles of the San Antonio River south of downtown in the historic Mission Reach of the city. After the morning's tour, we were given an overview of non-federal perspectives on Watershed planning from the standpoint of local projects sponsors including the State of Oklahoma and the North Texas Municipal Water District and non-governmental organizations including the Nature Conservancy.

Day three we looked at practical considerations in watershed planning. We looked at operations from a watershed planning perspective and the difference between watershed planning and project planning. We also discussed integrated water management and collaboration, which was a very large theme of our course since watershed planning steps way outside the bounds of traditional project planning.

Day four we went to the field again to see a paired watershed study being conducted by U.S. Geological Survey and the NRCS that is providing extensive data on how the watershed responds to vegetation changes.

The team also worked on the development of a Standard Operating Procedures (SOP) which was provided to HQ and may be used in future policy development.

The last day we reviewed three of the ongoing GE Watershed Planning studies including the Virgin River Watershed study; the Great Lakes Habitat Initiative and the Western Watershed Study.

A key lesson gained from this learning module of the program for the Planning Associates (and I would expand this observation to all Corps planners) is that watershed planning is a significant and prominent feature in the future of the Corps' planning program. It is an evolving program with lots of room for input and innovation from the field.

The next portion of the Planning Associates program takes us to Savannah, Georgia where we will learn about deep draft navigation.

Terri Jordan is a biologist from the Jacksonville District in the South Atlantic Division. Prior to joining the Jacksonville District she was a Fisheries Biologist in the Office of Protected Resources at the Headquarters of the National Marine Fisheries Service in Silver Spring, Maryland. Her major projects include several deep draft navigation and beach erosion control and shore protection projects throughout the District. She also serves as the District's lead biologist on sea turtles and marine mammals. She can be reached at Terri.L.Jordan@usace.army.mil

CALL FOR ABSTRACTS

MID-ATLANTIC STREAM RESTORATION CONFERENCE

*"The Benefits of Stream Restoration"
November 3 - 5, 2009
Morgantown, West Virginia*

The fourth Mid-Atlantic Stream Restoration Conference (MASRC) is scheduled for November 3 – 5, 2009 at the Waterfront Place Hotel, Morgantown, WV. The theme of this conference is "The Benefits of Stream Restoration." Conference presentations (platform and poster) will highlight scientific research, case studies, engineering techniques, monitoring methods, costs/benefits, regulation and policy, and meeting project goals/objectives. The five conference sessions are:

1. **Benefits of stream restoration:** This session will deal with the documentation of stream restoration benefits. What are the benefits of stream restoration? How are they defined? How are they verified and documented?
2. **Cost/benefit assessments:** This session will address how stream restoration cost benefits are quantified monetarily. Presenters should discuss what methods are available to quantify the monetary value of the ecological and/or socio-economic benefits of stream restoration.
3. **Effectiveness of monitoring protocols:** This

session will address methods used to monitor the effectiveness of stream restoration and answer the following questions: How can we demonstrate that stream restoration projects are meeting their objectives? Is project effectiveness worth the invested effort? How can we learn from stream restoration projects in order to improve stream assessment, design and implementation?

4. **Innovative watershed and stream restoration approaches/methods:** This session will explore innovative approaches/methods for increasing watershed and stream restoration value. What justifies intervention in a watershed or stream?
5. **Policy and Regulation Changes:** This session will explore restoration policy and regulation changes ensuring that benefit goals/objectives are met, costs are minimized, and ecological and other values are maximized.

Although the geographic focus of this conference lies in the Mid-Atlantic region, papers of a broader geography on stream and river restoration are welcome.

The MASRC planning committee will accept abstracts for the 2009 conference until **April 30, 2009**. Presenters will be notified of their acceptance by June 30, 2009.

Additional information about this conference is available at http://www.canaanvi.org/canaanvi_web/events_ed.aspx?collection=cvi_workshops&id=821

EMPLOYMENT OPPORTUNITIES

These are but a few of the many available positions advertised on the Army's Civilian Personnel on line website: <http://cpol.army.mil>

- (1) **HQ, US Army Corps of Engineers; Directorate of Civil Works, Civil Works Policy & Policy Compliance Div, Office of Water Project Review, Washington, DC**, YD-3/YA-3: Community Planner (0020), Water Resources Planner (0101), Regional Economist (0110), General Biological Scientist (0401), General Engineer (0801), Landscape Architect (0807), Architect (0808), Civil Engineer (0810)
- (2) **U.S. Army Engineer District, Chicago, Plans, Programs and Project Mgt Div, Chicago, IL**, GS-12: Civil Engineer (0810), Social Scientist (0101), Biologist (0401), General Engineer (0801), Landscape Architect (0807), Architect (0808), Environmental Engineer (0819), Electrical Engineer (0850), Mechanical Engineer (0830), Industrial Engineer (0896), Physical Scientist (1301), Economist (0110)
- (3) **U.S. Army Corps of Engineers; Strategy and Integration Office, Strategic Integration Assessment Monitoring, Washington, D.C.**, YA-2/YD-2: Community Planner (0020), Social Scientist (0101), Economist (0110), General Engineer (0801), Civil Engineer (0810), Operations Research Analyst (1515)
- (4) **U.S. Army Engineer Division, Southwestern, Programs Directorate, Program Support Division, Duty Station: Dallas, TX**, YD-2: Biologist (0401), Fishery Biologist (0482), Wildlife Biologist (0486), Environmental Engineer (0819), Physical Scientist (1301)
- (5) **U.S. Army Engineer District, Planning and Program Management Division, Albuquerque, New Mexico**, YX-2: Economist (0110), Archeologist (0193), Biologist (0401), Fishery Biologist (0482), Project Manager (0801), Architect (0808), Civil Engineer (0810), Physical Scientist (1301), Project Manager (0101)
- (6) **USACE Institute for Water Resources, Hydrologic Engineering Center, Water Resources Systems Division, Davis, CA 95616**, Supervisory Civil Engineer (Hydraulic), YF-0810-03
- (7) **U.S. Army Engineer District, Business Resource Division, Plan Formulation Section. Duty station: Pittsburgh, PA**. YC-02/YF 02: Supv Community Planner (0020), Supv Economist (0110), Supv Biologist (0401), Supv General Engineer (0801), Supv Landscape Architect (0807), Supv Civil Engineer (0810), Supv Environmental Engineer (0819), Supv Physical Scientist (1301)
- (8) **U.S. Army Engineer District, Sacramento, Planning Division, Water Resources Branch, Flood and Storm Risk Reduction Section, Sacramento, California**, YX-02: Supervisory Social Sciences Study Manager (0101), Supervisory Biological Sciences Study Manager (0401), Supervisory Landscape Architect (0807), Supervisory Civil Engineer (0810), Supervisory Physical Scientist (1301), Supervisory Ecologist (0408), Supervisory Regional Economist (0110)
- (9) **U.S. Army Engineer District, Sacramento Planning Division, Environmental Resources Branch, Environmental Planning Section, Sacramento, California**, YX-02: Social Sciences Environmental Manager (0101), Biological Sciences Environmental Manager (0401), Landscape Architect (0807), Fishery Biologist (0482), Ecologist (0408)
- (10) **US Army Corps of Engineers; Institute for Water Resources, Alexandria, VA 22315-3868** Supervisory Civil Engineer, YF-0810-03
- (11) **US Army Corps of Engineers; Institute for Water Resources, Alexandria, VA 22315-3868** Supervisory Civil Engineer, YF-0810-03
- (12) **U.S. Army Engineer District, Wilmington, NC and Charleston, SC**, YA or YD-02 Plan Formulators (Interdisciplinary), Economists (0110) and Environmental Scientist (0401) positions

(1) Vacancy Announcement Number: **NCFL09275652**

Opening Date: **February 26, 2009** Closing Date: **March 25, 2009**

Position: **YD-3/YA-3: Community Planner (0020), Water Resources Planner (0101), Regional Economist (0110), General Biological Scientist (0401), General Engineer (0801), Landscape Architect (0807), Architect (0808), Civil Engineer (0810)**

Salary: **\$96,460 - \$160,860 Annual**

Place of Work: **HQ, US Army Corps of Engineers; Directorate of Civil Works, Civil Works Policy & Policy Compliance Div, Office of Water Project Review, Washington, DC**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **2**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>.

Duties: Serves as Senior Water Resources Planner responsible for developing and/or providing direction and input for national planning policies, planning guidance, planning community training/development, for review and approval of U.S. Army Corps of Engineers Civil Works. Provides direct assistance in developing and presenting information in planning documents dealing with deep draft navigation, flood control, environmental restoration, and other Civil Works projects. Monitors the Civil Works policy compliance process to ensure procedures are in place to provide conformity with established policy. Participates and leads review team focusing on plan formulation and economic analysis, coordinates work with Regional Integration Teams, MSCs, Districts and non-Federal sponsors, takes part in Civil Works Review Board meetings. Participates on committees related to Corps Civil Works policy and planning functions and other functional area guidance. The incumbent represents HQUSACE in conferences with high-level officials.

(2) Vacancy Announcement Number: **SWGJ09132665**

Opening Date: **March 10, 2009** Closing Date: **March 30, 2009**

Position: **GS-12: Civil Engineer (0810), Social Scientist (0101), Biologist (0401), General Engineer (0801), Landscape Architect (0807), Architect (0808), Environmental Engineer (0819), Electrical Engineer (0850), Mechanical Engineer (0830), Industrial Engineer (0896), Physical Scientist (1301), Economist (0110)**

Salary: **\$73,914 - \$96,083 Annual**

Place of Work: **U.S. Army Engineer District, Chicago, Plans, Programs and Project Mgt Div, Chicago, IL**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

Duties: As Project Manager, responsible for the overall management, control, coordination and execution of assigned programs and projects. Implements corporate decisions, guidance, laws, regulations, and policy in the development of the project and intermediate products in support of the program. Negotiates and integrates all district functions (planning, design, cost engineering, construction, real estate, contracting, etc.), customer needs, regulatory requirements and other agencies commitments in support of assigned projects into a comprehensive management plan. Participates in district programming decisions affecting long and short range courses of action for assigned projects. Typical project assignments include environmental restoration, flood control, navigation, and erosion protection projects. Reconciles sponsor/customer concerns, assuring that all participating parties are informed of project progress, issues and impacts. Provides input to the district operating budget.

(3) Vacancy Announcement Number: **NCFL09273463R1**

Opening Date: **March 03, 2009** Closing Date: **March 31, 2009**

Position: **YA-2/YD-2: Community Planner (0020), Social Scientist (0101), Economist (0110), General Engineer (0801), Civil Engineer (0810), Operations Research Analyst (1515)**

Salary: **\$49,354 - \$113,007 Annual**

Place of Work: **U.S. Army Corps of Engineers; Strategy and Integration Office, Strategic Integration Assessment Monitoring, Washington, D.C.**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>.

Duties: Conduct analyses/studies; develop/evaluate proposed actions/policies originating from OPM, DoD, DA, other agencies, and Corps HQ for management policy implementation. Conduct strategic planning/supporting activities for the Command, major program and functional areas in coordination with high-level Corps officials. Conduct/support implementation of the USACE Strategic Plan in partnership with Goal Champions & MSC/HQ Staff implementation teams. Conduct strategic monitoring of USACE Strategic Plan through the management of the CSR/CMR. Conduct issues analysis that may include, but are not limited to future engineering challenges; new roles or missions for the

Corps; Strategic Planning matters; USACE relationships and activities with other agencies, governments, and private/public institutions; USACE international actions and DoD/national implications; and legislative proposals. Evaluate Congressional, OMB, DA, and USACE policies/regulations pertaining to Strategic Management systems, processes and cycles; represent the Corps at meetings with these officials.

(4) Vacancy Announcement Number: **SWHB09265166**

Opening Date: **March 04, 2009** Closing Date: **April 03, 2009**

Position: **YD-2: Biologist (0401), Fishery Biologist (0482), Wildlife Biologist (0486), Environmental Engineer (0819), Physical Scientist (1301)**

Salary: **\$48,093 - \$110,115 Annual**

Place of Work: **U.S. Army Engineer Division, Southwestern, Programs Directorate, Program Support Division, Duty Station: Dallas, TX**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

Duties: You will serve as a Program Manager for the Southwestern Division responsible for management of the ecosystem restoration program and as principal environmental advisor on the NEPA compliance aspects of Southwestern Division Civil Works program reports and studies. Advise on conduct of studies on water resource development projects and maintain close liaison with Federal, state and local agencies concerned with areas of expertise in order to implement criteria and policies established by Congress or other authority, with a view to establishing sound and consistent policies and programs in the Southwestern Division. Provide guidance on the quality control aspects of the four Districts' environmental programs and initiatives. Serve as a division-wide expert in formulation of complex ecosystem restoration projects responsible for administering and overseeing the planning aspects of the ecosystem restoration program, environmental evaluation, and environmental compliance throughout Southwestern Division.

About the Position: Works under the general supervision of the Chief, Planning Division, with additional guidance from the Environmental Team Leader. The demographic, geographic, physiographic, ecological, and botanical zones in the region contrast greatly from the Sonora Desert of New Mexico to the Coastal Bend of Texas, to the Alpine highlands of Colorado to the Cross Timbers of Oklahoma, and to the Middle Mississippi Valley of Arkansas. Thus, the technical and policy problems encountered in environmental evaluation and management of the various projects are numerous and complex. The office is located in the downtown Dallas business district. Free parking is available for carpoolers. Daily and monthly parking lots are located throughout the downtown area, at a reasonable cost. Bus and train services are available and reimbursement for use of public transportation is available. There is one cafeteria and one snack bar located in the building and numerous eating establishments within walking distance.

(5) Vacancy Announcement Number: **WTKC09919220R**

Opening Date: **March 04, 2009** Closing Date: **April 06, 2009**

Position: **YX-2: Economist (0110), Archeologist (0193), Biologist (0401), Fishery Biologist (0482), Project Manager (0801), Architect (0808), Civil Engineer (0810), Physical Scientist (1301), Project Manager (0101)**

Salary: **\$45,649.00 - \$104,524.00 Annual (Salary includes local market supplement of 13.86%)**

Place of Work: **U.S. Army Engineer District, Planning and Program Management Division, Albuquerque, New Mexico**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

Duties: You would provide expert project management for Corps of Engineers Civil Works water resources projects to including dams, water diversion structures, flood walls, levees, ecosystem restoration, etc. You would plan and oversee costs, schedule, planning and design of construction of water resource projects to assure that projects are completed within the guidelines. You would initiate, manage, review and approve funding to assure sufficient resources to support the project objectives. You would coordinate the preparation of technical products, evaluate status of projects against established milestones and direct the action required to assure the attainment of goals and objectives.

About the Position: This position is located with the Albuquerque Planning, Project and Program Management Division, Civil Planning and Project Management Branch, Albuquerque, New Mexico. ***The 110, 101 and 193 job series are YA positions and the 401, 482,801, 808, 810 and 1301 are YD positions.***

(6) Vacancy Announcement Number: **WTKC09342947**

Opening Date: **March 13, 2009** Closing Date: **April 06, 2009**

Position: **Supervisory Civil Engineer (Hydraulic), YF-0810-03**

Salary: **\$95,230 - \$162,832 Annual (Salary includes 21.53% Local Market Supplement)**

Place of Work: **USACE Institute for Water Resources, Hydrologic Engineering Center, Water Resources Systems Division, Davis, CA 95616**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **01**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>.

Duties: Serves as Chief, Water Resources Systems Division, Hydrologic Engineering Center. Provides leadership and oversight for the water resource systems activities. Formulates and applies research and development, training, and technical assistance in assigned hydrologic engineering and planning analysis technical areas. Provides senior level consultation and advice to HQUSACE and field office leaders. Develops information for survey of needs, cost estimates, schedule and funding for field offices and HQUSACE. Manage, executes, and provides technical supervision of research, training, and technical assistance projects assigned to the Division. Projects include the full scope of hydrologic engineering and planning analysis.

About the Position: The Hydrologic Engineering Center (HEC), located in Davis, CA is an organization within the Institute for Water Resources. HEC is the designated Center of Expertise for the U.S. Army Corps of Engineers in the technical areas of surface and groundwater hydrology, river hydraulics and sediment transport, hydrologic statistics and risk analysis, reservoir system analysis, planning analysis, real-time water control management and a number of other closely associated technical subjects. HEC support Corps field offices, headquarters, and laboratories by providing technical methods and guidance, water resources models and associated utilities, training and workshops, accomplishing research and development, and performing technical assistance special projects.

(7) Vacancy Announcement Number: **SWG09306869**

Opening Date: **March 10, 2009** Closing Date: **April 08, 2009**

Position: **YC-02/YF 02: Supv Community Planner (0020), Supv Economist (0110), Supv Biologist (0401), Supv General Engineer (0801), Supv Landscape Architect (0807), Supv Civil Engineer (0810), Supv Environmental Engineer (0819), Supv Physical Scientist (1301)**

Salary: **\$80,265 - \$131,973 Annual**

Place of Work: **U.S. Army Engineer District, Business Resource Division, Plan Formulation Section. Duty station: Pittsburgh, PA.**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

Duties: Directs a variety of interdisciplinary investigations, research and preparation of both pre- and post-authorization reports on water resources projects. Develops and negotiates cost sharing agreements with non-Federal sponsors for studies and project construction. Serves as the District representative on high-profile interagency studies, task forces, committees, etc. which have potential for longer term consequences on the District workload. Provides corporate leadership in support of the Project Management Business Process (PMBP) and the District's Project Review Board (PRB) to assure that project/study commitments are met. Coordinates changes to plan formulation portion and economic portions of Project Management Plans (PMPs) with the Branch Chief and the PRB.

About the Position: As Chief, Plan Formulation and Economics Section, supervises a six person staff of civil

engineers and economists in the preparation of decision documents recommending Federal actions on water resources programs and projects, primarily related to inland navigation, flood risk management, ecosystem restoration, hydropower, and recreation. Works closely with Environmental and Cultural Resources Section Chief and staff, project and program managers, and other technical specialists in the formulation and evaluation of alternative plans addressing important public water resources needs and opportunities. Significant responsibilities in coordinating section activities with elected officials, stakeholder groups, Congressional staff members, and higher offices of the Corps.

(8) Vacancy Announcement Number: **WTKC09ARPD02**

Opening Date: **March 12, 2009** Closing Date: **April 13, 2009**

Position: **YX-02: Supervisory Social Sciences Study Manager (0101), Supervisory Biological Sciences Study Manager (0401), Supervisory Landscape Architect (0807), Supervisory Civil Engineer (0810), Supervisory Physical Scientist (1301), Supervisory Ecologist (0408), Supervisory Regional Economist (0110)**

Salary: **\$48,725.00 - \$111,566.00 Annual (The salary includes 21.53% local market supplement.)**

Place of Work: **U.S. Army Engineer District, Sacramento, Planning Division, Water Resources Branch, Flood and Storm Risk Reduction Section, Sacramento, California**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>.

Duties: As Section Chief you would exercise administrative and technical control and provide advice and instruction to accomplish the assigned mission. Through general investigation studies, work for other and other activities that request information and guidance on the Corps role in solving major water and land related resource problems. You would develop long term work plan to accomplish work, oversee subordinate work managers and resolve budget and staffing constraints. You would develop long term multi-work plans for 50-50 cost shared feasibility studies with non federal interests and negotiate with high level program officials to determine scope, schedules and cost. Work plans include engineering, economic, environmental, legal and other studies to include interpretation of policy leading to policy revisions. You would be responsible for development of legislative proposals at the request of Congress, and for position papers on proposed WRDA legislation.

(9) Vacancy Announcement Number: **WTKC09152365**

Opening Date: **March 16, 2009** Closing Date: **April 14, 2009**

Position: **YX-02: Social Sciences Environmental Manager (0101), Biological Sciences Environmental Manager (0401), Landscape Architect (0807), Fishery Biologist (0482), Ecologist (0408)**

Salary: **\$48,725.00 - \$93,814.00 Annual**

Place of Work: **U.S. Army Engineer District, Sacramento Planning Division, Environmental Resources Branch, Environmental Planning Section, Sacramento, California**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **2**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>.

Duties: As a senior environmental planner working on diverse interdisciplinary teams, you would manage large, complex, and/or controversial projects. You would coordinate, direct and review environmental planning efforts of lower graded employees and contracted resources, and lead collaborative, interagency/stakeholder working groups. You would prepare environmental documents, including Environmental Assessments, Environmental Impact Statements and Records of Decision pursuant to the National Environmental Policy Act (NEPA) and Biological Assessments pursuant to the Endangered Species Act. You would negotiate with project managers to develop formal scopes of work, including schedules and budgets. You would analyze effects of potential water resource projects on fish and wildlife habitat, endangered species, air and water quality, wetlands, etc.

About the Position: The 101 job series is a YA position and the 401, 807, 482 and 408 positions are YD positions. Recruitment incentives may be considered.

(10) Vacancy Announcement Number: **NCFL09299562**

Opening Date: **March 13, 2009** Closing Date: **April 27, 2009**

Position: **Supervisory Civil Engineer, YF-0810-03**

Salary: **\$96,460 - \$160,860 Annual**

Place of Work: **US Army Corps of Engineers; Institute for Water Resources, Alexandria, VA 22315-3868**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>. Federal employees should apply using this vacancy announcement.

Duties: Serves as Director of the Dam Safety Risk Management Center (RMC), responsible for the development, executive oversight and management of a national technical center to improve dam safety engineering analysis techniques nationwide and support agency safety programs. Recommends research in dam safety engineering/risk analysis techniques to provide solutions to common problems and solve problems associated with USACE dams. Provides training to various elements of the Corps. Assists Corps field offices in the solution of special project problems involving dam safety engineering and risk analysis techniques. Develops and documents dam safety engineering, risk and reliability analysis procedures and computer models for solving dam safety, risk management and related engineering problems. May work with other infrastructure items such as bridges and levees. The nationwide program is interrelated with programs of other federal/non-federal agencies, and may involve international cooperation. Directs and oversees work of national risk cadres.

(11) Vacancy Announcement Number: **NCFL09299562D**

Opening Date: **March 13, 2009** Closing Date: **April 27, 2009**

Position: **Supervisory Civil Engineer, YF-0810-03**

Salary: **\$96,460 - \$160,860 Annual**

Place of Work: **US Army Corps of Engineers; Institute for Water Resources, Alexandria, VA 22315-3868**

Position Status: **This is a Permanent position. -- Full Time**

Number of Vacancy: **1**

NSPS Position: This position is covered by the National Security Personnel System. For more information on NSPS, please visit the website at <http://www.cpms.osd.mil/nsps/index.html>. Persons other than current federal employees should apply under this vacancy announcement.

Duties: Serves as Director of the Dam Safety Risk Management Center (RMC), responsible for the development, executive oversight and management of a national technical center to improve dam safety engineering analysis techniques nationwide and support agency safety programs. Recommends research in dam safety engineering/risk analysis techniques to provide solutions to common problems and solve problems associated with USACE dams. Provides training to various elements of the Corps. Assists Corps field offices in the solution of special project problems involving dam safety engineering and risk analysis techniques. Develops and documents dam safety engineering, risk and reliability analysis procedures and computer models for solving dam safety, risk management and related engineering problems. May work with other infrastructure items such as bridges and levees. The nationwide program is interrelated with programs of other federal/non-federal agencies, and may involve international cooperation. Directs and oversees work of national risk cadres.

(12) U.S. Army Engineer District, Wilmington, NC and Charleston, SC

Positions: Plan Formulator, Economist, and Environmental Scientist

The Wilmington-Charleston Planning Center is pleased to announce non-competitive openings for a number of YA or YD-02 Plan Formulators (Interdisciplinary), Economists (0110) and Environmental Scientist (0401) positions.

Locations: There are positions available at both the Wilmington, NC and Charleston, SC locations.

Position Status: We are looking to fill both currently vacant positions, as well as positions that are anticipated in the near future. Applicants may request reassignment for any timeframe within the next twelve months.

Duties: The majority of the work is in the fields of Storm Damage Reduction, Deep-Draft Navigation, Environmental Restoration and Watershed Studies. Applicants need not have experience in all of these, what is more important is a solid understanding of Corps policies and regulations and the study process.

Area of Consideration: This is a non-competitive announcement; therefore, only current career or career conditional USACE employees are eligible to apply. We are primarily looking for are applicants that are either journeyman level or have several years in their respective fields, however, we will consider more junior applicants within the YA or YD-02 payband.

Other Information: Payment of Permanent Change of Station (PCS) costs is authorized.

How to Apply: Please submit your resume and your preferred date of reassignment to Mr. Coleman Long at Coleman.Long@usace.army.mil no later than March 31st. This is an open and continuous announcement and vacancies will be filled as qualified applicants are identified, so please apply as soon as possible for reassignment for any timeframe over the next twelve months. If you have any questions regarding this announcement, please contact Mr. Coleman Long at Coleman.Long@usace.army.mil or at 910-251-4505.

TRAINING COURSES

Announcement of USACE Water Operations Technical Support Program Workshop on Restoration of Riparian Zones for Water Quality and Ecological Functions Las Vegas, NV 21-23 April 2009

The [U.S. Army Engineer Research and Development Center \(ERDC\), Environmental Laboratory](#), in collaboration with the Southern Nevada Water Authority, is pleased to announce that a free workshop on restoration and management of streams and riparian areas for water quality and ecological functions is scheduled for 21-23 April, 2009 in Las Vegas, NV. Emphasis will be on riparian and stream corridor restoration in arid conditions and innovative grade control structures.

This workshop will include a variety of technical presentations by ERDC engineers and scientists on stream/riparian restoration and management, centering on the prevention and control of non-point source pollution using riparian buffer strips along streams, rivers, lakes, and wetlands. We will also address methods and techniques that provide a broad range of physical and ecological functions, including streambank protection and bioengineering, and habitat and movement corridors.

Many stream and riparian restoration efforts have been recently completed by the instructors, with numerous tools and techniques applied to satisfy project goals. This workshop will also provide an in-depth analysis and presentation of the problems and potential solutions available for the assessment, design, and implementation of riparian buffer strips.

Attendance priority will be given to USACE employees first. Those from other Federal and state agencies, and well as our non-federal partners are also encouraged to attend on a space-available basis. Details on the specific location of the workshop within Las Vegas are still in the works and will be available soon.

If you have any questions please contact the course coordinator, Dr. Richard Fischer at Richard.A.Fischer@usace.army.mil. This workshop is made possible by funds from the USACE Water Operations Technical Support Program (<http://el.erd.c.usace.army.mil/wots>).

U.S. Institute for Environmental Conflict Resolution Announces the Availability of Upcoming Training Courses

The U.S. Institute for Environmental Conflict Resolution is pleased to announce the upcoming schedule of courses:

Introduction to Managing Environmental Conflict
Atlanta, GA - May 12-13, 2009

Interest-Based Negotiation of Environmental Issues
Portland, OR - April 22-23, 2009

Advanced Multi-Party Negotiation of Environmental Disputes
Washington DC - April 7-9, 2009

The Institute for Environmental Conflict Resolution can also customize training courses to meet specific needs.

For more information about the Institute or to find out more about the training courses, including course description and cost, please visit the Institute's website at <http://www.ecr.gov> or contact:

Diana Wilkinson, PhD
Training Coordinator
U.S. Institute for Environmental Conflict Resolution
130 South Scott Avenue, Tucson, Arizona 85701
Telephone: 520.901.8578
Fax: 520.901.8579
Email: wilkinson@ecr.gov

Upcoming USACE sponsored PROSPECT training courses of interest to the members of the Planning CoP include:

PCC4 Economic Analysis Control Number 270

March 23— 27, 2009

Springfield, VA

This course is designed to provide an overview of the requirements and procedures for conducting economic analysis of Corps of Engineers water resources planning projects. Some form of economic analysis, including benefit/cost analysis, cost effectiveness analysis and or economic impact analysis is required of all Corps projects, whether they be for flood control, navigation, dredging, water supply, environmental mitigation and restoration or other project purpose. The course is designed to help students better understand the Corps planning process and where they, as economist, fit into that planning process. The course will also provide information on how to think about and analyze new problems and situations.

This course includes discussion on (a) the economist's role in the Corps of Engineers (Who is your audience, your customer? What are your products?); (b) introduction on principles and guidelines -- how the economist's job is influenced by P&G; (c) how to think as a Corps economist in National Economic Development (NED) terms (including new technologies such as risk and uncertainty); (d) evaluation by project purpose using the NED manuals (the incorporation of R&U into evaluation by project purpose); (e) other evaluation techniques (cost effectiveness, incremental cost analysis, economic impact analysis); (f) the changing role of economic analysis: Environmental Restoration, Rehabilitation, Watershed Planning, Section 216; (g) expected problem areas and how to think about them -- emphasis will be on with/without project condition, NED vs. Regional, Economics vs. Cost Sharing; and (h) how to plan your work with emphasis on Initial Project Management Plan (IPMP). This course is designed primarily for NEW Corps Economists and/or those personnel requiring a basic understanding of what economists do in conducting economic analysis of water resources projects, particularly project managers. Priority placement will be given to CW planners with less than 3 years of planning experience at the GS7-11 grade level. It is highly recommended that students have taken the CW Orientation Course and the Planning Principles & Procedures Course before taking this course.

Nonstructural Measures for Flood Risk Control Number: 345

March 30 — April 3, 2009

Davis, CA

This course will provide participants with the overall ability to realize opportunities with nonstructural measures, to formulate nonstructural measures, and to implement nonstructural measures.

This course will touch on the Corps flood risk management mission and the relationship of these missions to the Actions for Change, the Civil Works Strategic Plan, the Environmental Operating Principles, and watershed/systems planning, in order for the participant to fully understand the significant role of nonstructural measures. This course will make the student very familiar with the basic nonstructural measures such as elevation, dry flood proofing, wet flood proofing, small berms, levees and walls, relocation, acquisition, and flood warning. The importance and relevance of the National Flood Insurance Program to flood risk management will be explained. Laws, policies, statutes, executive orders, etc., will be covered that relate directly to nonstructural measure formulation and implementation. The host of opportunities that exist with implementing nonstructural measures will be explored in terms of accomplishing long term flood risk management.

The student will be shown how to conduct nonstructural benefit analysis and how to formulate nonstructural alternatives. A field trip will be included to see nonstructural measures that have been implemented. The course offers opportunities to professional staff in such areas as flood plain management, hydraulics and hydrology, and civil works planning to become knowledgeable in this area. Its focus is on realizing the need for, and the opportunities with, nonstructural measures as well as the methodologies and procedures for performing reconnaissance and feasibility phase investigations for plan formulation, evaluation and implementation of nonstructural measures.

To attend these courses or to receive additional information about other PROSPECT training courses, please contact the USACE Learning Center at <http://pdsc.usace.army.mil>.

CONFERENCES

The following is a list of conferences, workshops, and symposia that may be of interest to members of the Planning Community of Practice, as well as other practitioners in field of water resources. Those conferences, workshops and symposia in which the U.S. Army Corps of Engineers has been involved in the organization, sponsorship, or where members of the Corps have been identified as speakers or presenters, are identified in *italics*.

American Shore and Beach Preservation Association “2009 Coastal Summit”
March 25—27, 2009 Washington, D.C.
Additional information: http://www.asbpa.org/conferences/sum_09.htm

2009 National Hurricane Conference
April 6-10, 2009 Austin, TX
Additional information: <http://www.hurricanemeeting.com>

16th International Conference on Aquatic Invasive Species
April 19—23, 2009 Montreal, CAN
Additional information: <http://www.icaais.org/>

National Flood Conference 2009 “Revolutionizing the NFIP”
April 20—23, 2009 Boston
Additional information: http://www.nfipbureau.fema.gov/NFC_Webpage_122208.html

2009 U.S. Society on Dams Conference
April 20—24, 2009 Nashville, TN
Additional information: <http://www.ussdams.org/09conf.html#2>

American Water Resources Association, 2009 Spring Specialty Conference, “Managing Water Resources and Development in a Changing Climate”
May 4-6, 2009 Anchorage, AK
Additional information: <http://www.awra.org/meetings/Anchorage2009/index.html>

World Environmental and Water Resources Congress
May 17—21, 2009 Kansas City, KS
Additional information: <http://content.asce.org/conferences/ewri2009/program.html>

National Hydrologic Warning Council Training Conference and Exposition
May 18—21, 2009 Vail, CO
Additional information:
http://www.hydrologicwarning.org/content.aspx?page_id=22&club_id=617218&module_id=48494

International Marine Conservation Congress
May 19-24, 2009 Washington, DC
Additional information: <http://www2.cedarcrest.edu/imcc/index.html>

Association of State Floodplain Managers Annual National Conference
June 7-12, 2009 Orlando, FL
Additional information: <http://www.floods.org/Conferences%2C%20Calendar/Orlando.asp>

Society of Wetlands Scientists Annual Meeting
June 22-26, 2009 Madison, WI
Additional information: http://www.sws.org/2009_meeting/index.mgi

2009 AWRA Summer Specialty Conference “Adaptive Management of Water Resources II”

June 29—July 1, 2009

Snowbird, UT

Additional information: <http://www.awra.org/meetings/SnowBird2009/index.html>

Coastal Zone 09

July 19-23, 2009

Boston, MA

Additional information: <http://www.csc.noaa.gov/cz>

3rd National Conference on Ecosystem Restoration

July 20-24, 2009

Los Angeles, CA

Additional information: <http://conference.ifas.ufl.edu/ncer2009/>

U.S. Army Corps of Engineers Infrastructure Systems Conference

July 20—24, 2009

Cleveland, OH

Additional information: <http://www.usaceisconf.org/2009/>

Ecological Society of America Annual Conference

August 2—7, 2009

Albuquerque, NM

Additional information: <http://www.esa.org/albuquerque/>

Northeast Shore and Beach Preservation Association “Northeast Beaches Conference”

September 21-23, 2009

Woods Hole, MA

Additional information: <http://www.ieca-nechapter.org/coastal2009.html>

American Shore and Beach Preservation Association “National Coastal Conference: Integrating Science and Policy”

October 14—16, 2009

St. Petersburg, FL

Additional information: <http://www.asbpa.org/conferences/CallforPapers2009-010809.pdf>

Ports 2010

April 25-28, 2010

Jacksonville, FL

Additional information: <http://www.content.asce.org/conferences/ports2010>

PUBLICATIONS

The following is a list of recently published reports, studies, or articles prepared by the Corps of Engineers, other Federal agencies, or other research organizations:

“Draft Recommendations for a National Levee Safety Program: A Report to Congress from the National Committee on Levee Safety” dated January 15, 2009, Available at

http://www.iwr.usace.army.mil/ncls/docs/NCLS-Recommendation-Report_012009_DRAFT.pdf

“Technical Guideline for Environmental Dredging of Contaminated Sediments” by Michael R. Palermo, Paul R. Schroeder, Trudy J. Estes, and Norman R. Francingues, U.S. Army Corps of Engineers Engineer Research and Development Center, Environmental Laboratory, ERDC/EL TR-08-29, September 2008, Available at:

<http://libweb.wes.army.mil/uhtbin/hyperion/EL-TR-08-29.pdf>

“Coastal Change Along the Shore of Northeastern South Carolina: The South Carolina Coastal Erosion Study”, W.A. Barnhardt, editor, U.S. Geological Survey Open File Report 2008-1206, Available at:

<http://pubs.usgs.gov/of/2008/1206/index.html>

“U.S. Climate Change Science Program, Synthesis and Assessment Product 4.1—Coastal Sensitivity to Sea Level Rise: A Focus on the Mid-Atlantic Region” Final Report, January 15, 2009, Available at:

<http://www.epa.gov/climatechange/effects/coastal/sap4-1.html>

HOW TO SUBMIT AN ARTICLE TO *PLANNING AHEAD*

Planning Ahead is designed to foster communication amongst the members of the Planning community of practice within the Corps, with those other members of the Corps family with which planners interact on a daily basis, and with members of the general public outside of the Corps. It is our goal that future editions of the newsletter will include information and perspectives of those members of the planning community on the front lines of the Corps' planning efforts, the District and Division offices. We hope that this newsletter becomes a forum to share your experiences to help the entire planning community learn from one another. We welcome your thoughts, comments, questions, suggestions, success stories, and lessons learned, so that we can share them with the broader community. Submissions should be moderate in length (4-5 paragraphs), except in cases where the article is compelling and circumstances warrant a lengthier treatment of the subject. The article should be prepared as a MS Word document. Pictures accompanying submitted articles are welcome. Pictures must be in JPEG format. Please send articles to Mr. Kenneth E. Lichtman, at Kenneth.e.lichtman@usace.army.mil

The deadline for material to be published in the next issue of *Planning Ahead* is
Wednesday, April 8, 2009

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(Note: In the email address, the character following the @ sign is a lowercase "L". This is also true for the single line of text. The character immediately following "subscribe" is also a lowercase "L". If these are not typed correctly, you will receive an error message.)

To obtain a "help" file, send only the word "help" in the text of the message (nothing in the subject line) and address it to majordomo@usace.army.mil.

To read past issues of the *Planning Ahead* newsletter, please visit
http://www.usace.army.mil/CECW/PlanningCOP/Pages/pa_news.aspx