

# PLANNING AHEAD

Notes for the Planning and Policy  
Community



US Army Corps  
of Engineers

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## WORDS FROM THE EDITOR

This month's issue of *Planning Ahead* begins with two items of interest to Corps planners and economists. **Ms. Erin Wilson** of the Institute for Water Resources announces that the draft version of the National Economic Development Manual for Deep Draft Navigation is available for review and comment. The draft NED manual is available for review by Corps personnel at the Corps Economics Sub-CoP Sharepoint website: <https://kme.usace.army.mil/CoPs/CivilWorksPlanning-Policy/econ/default.aspx>. The review and comment period extends through August 15th.

The second item of interest to Corps planners is the publication of [Economic Guidance Memorandum 08-05](#), "Current State and County Income Index Data, Current Eligibility Factor Formula" used in applying the Ability-to-Pay test to flood damage reduction projects.

**Ms. Miriam Gilmer** of the Seattle District and a member of the Planning Associates Class of 2008, provides an update on the Planning Associates activities during the latter part of June. The PA class first traveled to Huntington, West Virginia, home to the Corps [Center of Expertise on Inland Navigation](#), where they learned about inland navigation and had the opportunity to visit the locks on the Kanawha River and meet with members of the

navigation industry. The following week the PA class traveled to Rock Island, Illinois where their ecosystem restoration course module was being conducted. The course module was taught by the staff of the Rock Island District and was a combination of classroom instruction and site visits, including visits to Lake Chautauqua, part of the Chautauqua National Wildlife Refuge, and site of a Corps Habitat Restoration and Enhancement Project, and to Emiquon Preserve, a floodplain restoration project undertaken in partnership between the Nature Conservancy, the Natural Resources Conservation Service, the Corps, and several state and local groups.

Other items of interest to readers of *Planning Ahead* include a listing of employment opportunities around the Corps, announcements of conferences and training courses and a listing of recent publications that may be of interest to Corps planners as well as other water resources professionals.

Thank you for your continued interest and support of *Planning Ahead*.

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### **Draft Version of National Economic Development Manual for Deep Draft Navigation Now Available for Review** By Erin Wilson, Institute for Water Resources

The updated draft version of the National Economic Development Manual for Deep Draft Navigation has been posted on the Economics Sub-CoP SharePoint website and is available for review and comment by Corps planners and economists through August 15. Corps personnel can access the draft document at the following web address: <https://kme.usace.army.mil/CoPs/CivilWorksPlanning-Policy/econ/default.aspx>.

The word file is named "ReviewDeepD NED Manual.doc" and is found in the "Deep Draft Manual Review" folder under "Shared Documents."

Please "check-out" or open this draft and save to your hard-drive and then "check-in" for others. It may occur

that someone has the file open when you try to view it; SharePoint will ask if you would like to see the "Read-only" version. Go ahead and open this version and save as usual. If you cannot enter SharePoint, please contact me at [Erin.L.Wilson@usace.army.mil](mailto:Erin.L.Wilson@usace.army.mil) for instructions on how to access the SharePoint website.

Please e-mail comments, track changes, revisions, and suggestions to me by August 15 for final incorporation into the manual. Any comments received after this point will be considered for future updates. I will upload the reviews that I receive on the website for others to view. I can provide an FTP site, as requested, if review files are too large to be e-mailed.

Please contact me if you have any questions. There is also a discussion board on the SharePoint website to post general economics comments and questions.

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### **Economic Guidance Memorandum 08-05 — Current State and County Income Index Data, Current Eligibility Factor Formula (Ability to Pay) Available at Planning CoP Library**

[EGM 08-05](#) provides current per capita personal income index data and the current Eligibility Factor formula; both are used in applying the Ability-To-Pay test to flood damage reduction projects.

Section 103 (m) of the Water Resources Development Act of 1986 provides that the ability of any non-Federal interest to pay shall be determined by the Secretary in accordance with procedures established by the Secretary. The ability to pay analysis is applied to all specifically authorized flood damage reduction projects as well as to the continuing authority projects constructed under Section 14 of the 1946 Flood Control Act, Section 205 of the 1948 Flood Control Act and Section 208 of the 1954 Flood Control Act, all as amended.

Although, Section 204 of WRDA 2000 amends Section 103 (m) of WRDA 86, a final implementation rule has not yet been completed. Therefore, the existing ability-to-pay procedures must be used and applied only to flood damage reduction projects.

To determine whether or not there is any reduction in the level of non-Federal cost sharing for a flood damage reduction project apply the ability-to-pay procedures in [33 CFR 241](#).

Per the ability-to-pay guidance, an Eligibility Factor (EF) is to be calculated based on state and county per capita personal income data. There is, in addition, a per capita project construction cost criterion that may affect a sponsor's cost share savings. For application of both of these criteria see the guidance at 33 CFR 241.

Links to pertinent documents associated with the ability to pay provisions are provided in EGM 08-05.

## FEATURED ARTICLES

### Planning Associates Class of 2008 — Inland Navigation and Ecosystem Restoration Modules

By Miriam Gilmer, Seattle District

*The Planning Associates class used the month of June to broaden their understanding of Inland Navigation and Ecosystem Restoration. Dave Weekly and Mark Hammond hosted the Inland Navigation course in Huntington, WV, and Jodi Staebell with the help of Brad Thompson and Camie Knollenberg presented the Ecosystem Restoration course at Rock Island, IL.*

#### June 16-20 - Inland Navigation, Huntington District

Course owner David Weekly, Chief, Great Lakes and Ohio River Division, Navigation Planning Center assisted by Mark Hammond, Regional Technical Specialist and Mike Spoor, Physical Scientist.

Dave Weekly organized a full week of instruction, discussion and demonstration geared to meeting his goals of increasing the PAs knowledge and skills in the areas of Inland Navigation plan formulation, economics, engineering risk and reliability, environmental cumulative effects and environmental impacts of tow traffic.



Dave Weekly and Mark Hammond

We saw a working model of the new Winfield Lock and Dam on the Kanawha River, we toured Marmet Locks and Dam, which has recently completed construction of a larger lock chamber, and we toured the Kanawha River in an old-fashioned stern wheeler and locked through London Locks and Dam.

The larger lock at Marmet can now pass nine barges in 45

minutes and London can now process two barges at a time instead of one. These improvements reduce costs to industry. The tour also provided the PAs with a first hand demonstration of the importance of the river for the commercial transportation of bulk commodities. The Ohio River is primarily a corridor for coal, aggregates and petroleum products. We saw barge after barge of coal going downstream, making their way past us on their way to electric utilities on the Ohio and elsewhere.



Charlie Jones (Pilot), Gregg Williams, Dave Weekly, and Bret Williams aboard the *Laura J* passing through the London Locks, Kanawha River, 18 June 2008

Dave held a panel discussion with representatives from the Port of Pittsburg and the towing industry (shippers, carriers, and tow pilots) focused on lock and dam reliability and how their performance impacts the towing industry.

The Ohio River navigation system contains aging infrastructure. Main lock chamber ages on the mainstem Ohio range between 30-85 years old. The problems associated with aging infrastructure are more frequent and longer duration maintenance closures.

The Great Lakes and Ohio River navigation Planning Center is part of a larger team (the USACE Planning Center of Expertise for Inland Navigation (PCXIN)) that is working with HQ Operations and Navigation Business Line Managers to more effectively and efficiently manage the national infrastructure assets associated with Inland Navigation.

Prior to each course module the PAs prepare a set of 11 questions for the instructors to address. One of our standard questions is, "How is your program and respective PCX capturing its specific institutional knowledge/experience?"



Left to right: Brian Ball (Civil Engineer) and Rhiannon Payne (Ecologist) of Huntington District and the Planning Associates going through London Locks aboard the Laura J, 18 June 2008

Mike Worley (PA 1984), Chief, Planning Branch Huntington District gave one of the most thoughtful and proactive responses that we have received. In addition to building the bench through developmental assignments at LRD and the District, Huntington has sent two candidates through an LRD sponsored endowed chair at HQ for developmental assignments at the Washington level. Training includes Corps-developed courses as well as attendance at local schools. Succession planning includes Student/Co-Op, direct hires, and a program Mike has created and implemented called Strategic Hires that includes other major functional LRH offices as well.

Mike is building a well-rounded planning team by matching a personality fit with the Branch then finding the training that person needs to succeed as a planner. Mike considers Rebecca Albert to be one his Strategic Hires success stories. Rebecca is a Mechanical Engineer who has joined the Huntington Planning team.

Note: Joey Dykes (PA 1984) and Mike are jointly organizing the 25<sup>th</sup> anniversary reunion for the Planning Associates Class of 1984 in 2009. If you were in the class and want to attend, get the details from Mike at [Stephen.M.Worley@usace.army.mil](mailto:Stephen.M.Worley@usace.army.mil).

### Ecosystem Restoration - Rock Island District – June 22-27

Course owner Jodi Staebell enthusiastically supported by Brad Thompson, Camie Knollenberg and Anne Kincaid

The Ecosystem restoration module took place shortly after the June floods crested in the Davenport area. On Sunday the Rock Island team plus Darron Niles, another member of the Rock Island District team, organized a trip to the flooding in Muscatine and Wapello, IA.

One of the three PA sub-teams, the Blue Team, took advantage of the opportunity to talk with Tanya Purdy and her daughter Sara whose home had been flooded.

The Blue Team's Critical Think Piece, a required product for completing the Planning Associates program, focuses on creating a partnership for flood risk communication. The purpose of the Partnership is to educate the public about flood risk so people can make informed decisions about living and working in and near floodplains.

The mother and daughter told the Blue Team about living through the 1993 flood when their basement was flooded and compared their experience then with the recent flood. This time the first floor of their home was flooded to six feet.

When asked if they were aware of the risk of flood even though there was a levee between the river their home, Ms Purdy responded that she and her family were farmers living next to a river - they know that there is always a risk of flood, but they never imagined the magnitude.



Jodi Staebell, Laura Purdy, Sara Purdy, Darron Niles, Wapello, IA, 22 June 2008

On Monday Jodi, Brad and Camie began the one-week course that included instruction on ecosystem restoration authorities, policy issues, budget ceilings, large ecosystem restoration project constraints, major project measures, formulation tools, output evaluation, and more.

The topics presented during the classroom portion of the course were brought to life during the two field trips taken by the class. One field trip, led by Marvin Hubbell, Program Manager for the Upper Mississippi River - Environmental Management Program, was to the restored Lake Chautauqua, part of the Chautauqua National Wildlife Refuge, located along the Illinois River near Havana, Illinois.

Additional information about the Chautauqua National Wildlife Refuge can be found at the following websites: <http://www.fws.gov/refuges/profiles/index.cfm?id=33650> and <http://www.fws.gov/midwest/illinoisriver/documents/Chautauqua2003.pdf>.

Our second field trip, led by Doug Blodgett of The Nature Conservancy, was to the Emiquon Preserve, also located near Havana, Illinois. The 7,100-acre Emiquon floodplain restoration project is a partnership between the Nature Conservancy, the Natural Resources Conservation Service, the Corps and several state and local groups.

When restored, Emiquon will provide quality backwater lake, bottomland forest, upland forest, prairie, seasonal wetland, and marsh habitat for migratory birds, fish, and resident wildlife. Additional information on the Emiquon restoration project can be found at the following website: <http://www.nature.org/wherewework/northamerica/states/illinois/preserves/art1112.html>.

In March 2007 the pumps that had kept the site farmland from the 1920s to 2006 were turned off, and 650 acres of the site began its return to historic Thompson Lake. One year later over 54,000 birds had returned to the site and the Planning Associates saw a 1,900-acre Thompson Lake form the backdrop for a returned Bald Eagle soaring above it. The Emiquon site served as the case study for group exercises to practice the use of conceptual models, habitat evaluation models, Cost Effectiveness-Incremental Cost Analysis, and Resource Significance and Performance Budget ranking.



**Planning Associates 2008 at Emiquon Preserve. Left to right: Tony Friona, Ronald Pinzon, Bret Williams, Mike Dietl, Candida Bronson, Gregg Williams, Miki Fujitsubo, Miriam Gilmer, Jeff Strahan, John Peukert, Adam Fox**

After the completion of the Ecosystem Restoration Course module, Planning Associates Tony Friona, Ronald Pinzon, Gregg Williams and Miriam Gilmer (The Blue Team) were

invited by Pete Rabbon, Susan Gilson and Steve Fitzgerald of the Interagency Flood Risk Management Committee (IFRMC) to present their Critical Think Piece, entitled “A Partnership for Flood Risk Communication” before the IFRMC in Washington, DC. The IFRMC is part of the National Flood Risk Management Program established by the Corps in 2006. The Blue Team received valuable insights and feedback from the Committee and our final product will benefit greatly from the input received from the members of the IFRMC.



**Interagency Flood Risk Management Committee and PA Blue Team, 8 July 2008, Washington, D.C.**

All three Planning Associate teams (Red, White and Blue) will present their Critical Think Pieces before Corps leadership and headquarters staff at the Planning Associates Graduation Ceremony in September in Washington, DC.

Congratulations to Tony Friona who has accepted the position for Budget Development, Lakes and Rivers Division. Tony will start his new position in Cincinnati, OH in January 2009. Congratulations Tony!

Next month the Planning Associates are on the road again, this time to learn about Small Boat Harbors, Intergovernmental Coordination, Cultural Resources and Tribal Affairs.

*Miriam Gilmer is a Project Manager/Plan Formulator at Seattle District with a BS in Civil Engineering. She has been with the Corps since 1996 spending her first 10 years in Seattle District's Environmental Management Branch before moving to Planning in 2006.*

## 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>

Employment opportunities highlighted this month include the following:

- (1) **Los Angeles District**, GS-12: Social Sciences Study Manager (0101), Biological Study Manager (0401), Landscape Architect (0807), Civil Engineer (0810)
- (2) **Los Angeles District**, GS-12: Social Sciences Study Manager (0101), Biological Study Manager (0401), Landscape Architect (0807), Civil Engineer (0810)
- (3) **Great Lakes and Ohio River Division**, GS-14: Community Planner (0020), Social Scientist (0101), Economist (0110), Geographer (0150), Hydraulic Engineer (0810)
- (4) **Great Lakes and Ohio River Division**, YD-3: Community Planner (0020), Social Scientist (0101), Economist (0110), Geographer (0150), Hydraulic Engineer (0810)
- (5) **New Orleans District**, YA-0193-1/2, Archeologist,
- (6) **North Atlantic Division**, GS-14: Community Planner (0020), Archaeologist (0193), Biologist (0401), Ecologist (0408), Environmental Engineer (0819), Oceanographer (1360)
- (7) **Sacramento District**, YX-2: Water Resources Plan Formulation Specialist (0101), Water Resources Plan Formulation Specialist (0401), Water Resources Plan Formulation Specialist (0801), Landscape Architect (0807), Physical Scientist (1301)
- (8) **Seattle District**, GS-13: Community Planner (0020), Economist (0110), Biologist (0401), Landscape Architect (0807), Physical Scientist (1301), General Engineer (0801)
- (9) **Los Angeles District**, GS-13: Social Sciences Study Manager (0101), Regional Economist (0110), General Engineer (0801), Physical Scientist (1301)
- (10) **HQ US Army Corps of Engineers; Directorate of Civil Works; Operations Community of Practice Regulatory Branch, Washington DC**, YF-3/YC: Supervisory Geographer (0150), Supervisory Biologist (0401), Supervisory Civil Engineer (0810), Supervisory Environmental Engineer (0819), Supervisory Physical Scientist (1301)
- (11) **Walla Walla District**, GS-13: General Engineer (0801), Civil Engineer (0810), Environmental Engineer (0819), Mechanical Engineer (0830), Electrical Engineer (0850), Architect (0808), Landscape Architect (0807), Environmental Resources Specialist (0401), Wildlife Biologist (0486), Fishery Biologist (0482), Social Scientist (0101), Community Planner (0020), Economist (0110), Physical Scientist (1301)
- (12) **Jacksonville District**, YD-2/YA-02: Biologist (0401), General Engineer (0801), Architect (0808), Civil Engineer (0810), Environmental Engineer (0819), Mechanical Engineer (0830), Physical Scientist (1301), Hydrologist (1315), Fishery Biologist (0486), Wildlife Biologist (0482), Electrical Engineer (0850), Ecologist (0408), Geologist (1350), Chemist (1320), Landscape Architecture (0807), Economist (011), Archaeologist(0193)

(1) Vacancy Announcement Number: **WTKC08830852D**

Opening Date: **July 21, 2008** Closing Date: **August 11, 2008**

Position: **GS-12: Social Sciences Study Manager (0101), Biological Study Manager (0401), Landscape Architect (0807), Civil Engineer (0810)**

Salary: **\$72,286 - \$93,976 Annual**

Place of Work: **US Army Engineer Dist., Los Angeles, Planning Division, Plan Formulation Branch, Coastal Studies Group, Los Angeles, CA.**

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

Number of Vacancy: **02**

**Duties:** Serves as a planning study manager for coastal resources projects. The coastal/shore protection studies are designed to come up with alternatives to provide protection to shoreline features and structures from storm events which impact major metropolitan areas. Directs, manages and conducts water and related land resources studies. Establishes, monitors and adjusts the study plan to respond to the study authority for Reconnaissance and Feasibility Studies. Leads an interdisciplinary team to formulate, develop and analyze major civil works water and related land resource projects. Prepares briefing materials and presents briefing for district engineer. Negotiates technical studies with contractors to direct scope of study. Ensures that final recommendations are consistent with applicable Federal Laws and policies. Ensures the final Feasibility Report and Environmental Impact Statement incorporate all requirements as defined in current regulations.

(2) Vacancy Announcement Number: **WTKC08830852**

Opening Date: **July 21, 2008** Closing Date: **August 11, 2008**

Position: **GS-12: Social Sciences Study Manager (0101), Biological Study Manager (0401), Landscape Architect (0807), Civil Engineer (0810)**

Salary: **\$72,286 - \$93,976 Annual**

Place of Work: **US Army Engineer Dist., Los Angeles, Planning Division, Plan Formulation Branch, Coastal Studies Group, Los Angeles, CA**

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

Number of Vacancy: **02**

**Duties:** Serves as a planning study manager for coastal resources projects. The coastal/shore protection studies are designed to come up with alternatives to provide protection to shoreline features and structures from storm events which impact major metropolitan areas. Directs, manages and conducts water and related land resources studies. Establishes, monitors and adjusts the study plan to respond to the study authority for Reconnaissance and Feasibility Studies. Leads an interdisciplinary team to formulate, develop and analyze major civil works water and related land resource projects. Prepares briefing materials and presents briefing for district engineer. Negotiates technical studies with contractors to direct scope of study. Ensures that final recommendations are consistent with applicable Federal Laws and policies. Ensures the final Feasibility Report and Environmental Impact Statement incorporate all requirements as defined in current regulations.

(3) Vacancy Announcement Number: **SWGJ08TLRRDX**

Opening Date: **July 22, 2008** Closing Date: **August 12, 2008**

Position: **GS-14: Community Planner (0020), Social Scientist (0101), Economist (0110), Geographer (0150), Hydraulic Engineer (0810)**

Salary: **\$95,503 - \$124,153 Annual**

Place of Work: **USACE, Great Lakes and Ohio River Division, Risk and Reliability Directory of Expertise, with duty at multiple locations**

Position Status: **Temporary Position Not to Exceed: 5 years. -- Full Time**

Number of Vacancy: **01**

**Duties:** Serves as Senior Consequence Specialist and Team Leader for the Consequence Team, Engineering Risk and Reliability Directory of Expertise (RRDX). Assignments require a broad range of knowledge concerning consequence analysis including hydrologic and hydraulic engineering, geographic information systems, economics, loss of life, and other impacts for Asset Management of existing US Army Corps of Engineers (USACE) infrastructure on a national level. These include risk assessment evaluations for both the Dam Portfolio Risk Assessment and National Levee Safety programs, which include flood damage reduction dams, inland navigation dams, hydropower facilities, and levees for both local flood damage reduction and coastal storm damage reduction, including those on military facilities. The individual is recognized as a technical expert and regularly consulted by other individuals from within the MSC and often by organizations from elsewhere within USACE in order to draw from that expertise.

(4) Vacancy Announcement Number: **SWGJ08TLRRDXN**

Opening Date: **July 22, 2008** Closing Date: **August 12, 2008**

Position: **YD-3: Community Planner (0020), Social Scientist (0101), Economist (0110), Geographer (0150), Hydraulic Engineer (0810)**

Salary: **\$90,704 - \$153,349 Annual**

Place of Work: **USACE, Great Lakes and Ohio River Division, Risk and Reliability Directory of Expertise, with duty at multiple locations**

Position Status: **Temporary Position Not to Exceed: 5 years. -- Full Time**

Number of Vacancy: **01**

**Duties:** Serves as Senior Consequence Specialist and Team Leader for the Consequence Team, Engineering Risk and Reliability Directory of Expertise (RRDX). Assignments require a broad range of knowledge concerning consequence analysis including hydrologic and hydraulic engineering, geographic information systems, economics, loss of life, and other impacts for Asset Management of existing US Army Corps of Engineers (USACE) infrastructure on a national level. These include risk assessment evaluations for both the Dam Portfolio Risk Assessment and National Levee Safety programs, which

include flood damage reduction dams, inland navigation dams, hydropower facilities, and levees for both local flood damage reduction and coastal storm damage reduction, including those on military facilities. The individual is recognized as a technical expert and regularly consulted by other individuals from within the MSC and often by organizations from elsewhere within USACE in order to draw from that expertise.

**(5) Vacancy Announcement Number: SWGY08754551**

Opening Date: **July 29, 2008** Closing Date: **August 12, 2008**

Position: **Archeologist, YA-0193-1/2**

Salary: **\$45,040 - \$84,913 Annual**

Place of Work: **US Army Engineer District, New Orleans; PPPMD; Environmental Planning and Compliance Br; Natural and Cultural Resources Analysis Section; New Orleans, LA**

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:** Incumbent serves as the principle coordinator, on assigned cultural resources studies and serves as the principle liaison with agencies, groups, and individuals engaged and interested in cultural aspects of assigned studies/projects. Employee functions as an authoritative source of information and functional expert on all cultural resource aspects of assigned water resources development projects. Independently plans, coordinates and carries out complex cultural resources studies for civil work studies/projects. In situations where consulting parties are able to agree on measures to avoid or mitigate adverse effects the incumbent may be required to develop a memorandum of agreement containing stipulations that specify how the Corp's action will be carried out. Independently develops, coordinates, and processes, Memorandum of Agreements (MOA's) and Programmatic Agreements (PA's).

**(6) Vacancy Announcement Number: NEFS08902978**

Opening Date: **August 05, 2008** Closing Date: **August 14, 2008**

Position: **GS-14: Community Planner (0020), Archaeologist (0193), Biologist (0401), Ecologist (0408), Environmental Engineer (0819), Oceanographer (1360)**

Salary: **\$102,469 - \$133,209 Annual**

Place of Work: **US Army Engineer Div, North Atlantic, Programs Directorate/Fort Hamilton, New York**

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

Number of Vacancy: **1**

**Duties:** In this position you will exercise staff responsibility for providing senior level environmental expert advice and guidance for the North Atlantic Division planning program and the environmental/ecological restoration conservation and protection programs. You will supplement, monitor and provide extensive knowledge to the execution of HQ Corps of Engineers concepts, philosophies and policy guidance and implementation of environmental laws and regulations. You will receive, interpret, disseminate and implement environmental project management guidance, direction and correspondence. You will be directly involved in monitoring, providing up front environmental advice, and guidance and expediting planning within the districts of environmental restoration, conservation and protection projects. You will provide technical environmental guidance, overview and support. You will ensure the planning, development and direction of major programs/projects within the environmental planning.

**(7) Vacancy Announcement Number: WTKC08785158**

Opening Date: **July 14, 2008** Closing Date: **August 15, 2008**

Position: **YX-2: Water Resources Plan Formulation Specialist (0101), Water Resources Plan Formulation Specialist (0401), Water Resources Plan Formulation Specialist (0801), Landscape Architect (0807), Physical Scientist (1301)**

Salary: **\$47,386 - \$107,283 Annual**

Place of Work: **US Army Engineer District, Sacramento, Planning Division, Water Resources Branch, Watershed Assessment and Ecosystem Restoration Section, Sacramento, CA**

**Include 20.25% Local Market Supplement**





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

Number of Vacancy: **02**

**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:** Position provides three major functions: (1) to serve as a watershed planning and water resources plan formulation expert, (2) to serve as the District's senior specialist in Water Resources Plan Formulation and (3) to serve as a regional planning resource. Responds to requests for technical advice and assistance from any team member within the District. Chairs quality assurance/quality control process for water resources decision documents. Reviews and has significant input to all water resources plan formulation studies. Analyzes overall planning study results including results of engineering, economic, and environmental studies. Provides plan formulation and policy compliance. Reviews and approves plan formulation conclusions and recommendations of planning documents, including reconnaissance and feasibility studies, and study plans. Provides advice on all planning studies and Federal and non-Federal requirements during planning, design, as well as during the construction phase of projects.

(8) Vacancy Announcement Number: **WTHF08795230**

Opening Date: **August 04, 2008** Closing Date: **August 25, 2008**

Position: **GS-13:Community Planner (0020), Economist (0110), Biologist (0401), Landscape Architect (0807), Physical Scientist (1301), General Engineer (0801)**

Salary: **\$82,178 - \$106,837 Annual**

Place of Work: **US Army Engineer District, Seattle, Planning Branch, Programs and Project Mgt Division, Seattle, WA**

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

Number of Vacancy: **1**

**Duties:** Serves as Plan Formulator, coordinating, organizing and directing major Civil Works water resource studies for navigation, hydroelectric power, ecosystem restoration, coastal storm and flood damage reduction, flood hazard management and other purposes. Develops and directs plans that encompass multiple sponsors, jurisdictions, authorities, project purposes and/or competing interests and performs evaluation of alternatives and formulation of optimum plan of development based on study objectives. Manages and directs the efficient and effective accomplishment of the investigation, planning, scope development, and evaluation of major projects for assigned program areas through a matrix management process. Works with a Project Manager to insure that the planning process meets assigned project budgets and schedules ensuring that District commitments to the sponsor/customer are met; and serves as the point of contact for sponsor/customers and other external agencies for assigned projects.

(9) Vacancy Announcement Number: **WTKC08830746**

Opening Date: **July 21, 2008** Closing Date: **August 25, 2008**

Position: **GS-13: Social Sciences Study Manager (0101), Regional Economist (0110), General Engineer (0801), Physical Scientist (1301)**

Salary: **\$85,960 - \$111,753 Annual**

Place of Work: **US Army Engineer District, Los Angeles, Planning Division, Plan Formulation Br., Coastal Studies Group, Los Angeles, CA.**

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

Number of Vacancy: **01**

**Duties:** Serves as South Pacific Division (SPD) expert in Coastal Planning for shore protection and navigation projects; and also serves as Los Angeles District's senior specialist and team leader in Coastal Planning. Reviews plan formulation analyses for various planning and design documents for civil works and Work For Others/Support For Others (WFO/SFO) projects. Provides SPD's authoritative approval on reports recommending coastal projects. Reviews and approves plan formulation conclusions and recommendations of planning and design documents, including reconnaissance studies, project study plans, feasibility studies, detailed project reports, general design memoranda, general and limited reevaluation reports, and planning reports prepared under WFO/SFO. As the District Senior Coastal Planning Specialist, reviews and approves coastal planning studies. Considers plan formulation and policy requirements in applications of planning, design and construction documents.

(10) Vacancy Announcement Number: **NCFL08909344**

Opening Date: **July 31, 2008** Closing Date: **August 30, 2008**

Position: **YF-3/YC: Supervisory Geographer (0150), Supervisory Biologist (0401), Supervisory Civil Engineer (0810), Supervisory Environmental Engineer (0819), Supervisory Physical Scientist (1301)**

Salary: **\$93,107 - \$156,450 Annual**

Place of Work: **HQ US Army Corps of Engineers; Directorate of Civil Works; Operations Community of Practice Regulatory Branch, Washington DC**

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, Regulatory Branch with responsibility for implementing federal laws protecting the public trust in waters of the U.S. Ensures that policies, guidelines and criteria for assigned functions are in consonance with objectives of existing laws and the overall Civil Works program. Supervise branch mgmt of regulatory research and development, training and mobilization planning. Supervises formulation of annual Regulatory Budget and defends same before the Office of Mgmt and Budget. Reviews work completed by subordinates. Makes changes in work assignments, work flow and balances workload among positions to increase effectiveness of operations supervised. Assures that subordinates job descriptions are current and accurate and that subordinate positions are designed and structured to ensure optimum efficiency effectiveness, and economy in accordance with position mgmt policy and programs. Assures that equal opportunity programs for minority groups, women, and disadvantaged persons are implemented.

#### **About the position:**

This position is a full supervisory position reporting to an SES.

Position directs Corps Regulatory Program on a nationwide basis. Regulatory Branch at HQUSACE is responsible for development and allocation of resources as well as development and implementation of regulations and policy and technical guidance to assure consistent nationwide program administration. Corps Regulatory Program regulates dredging, discharge of dredged-and fill material, and other types of construction in aquatic areas (open water and wetlands). Program execution-requires coordination with Federal, state, and local resource agencies, environmental groups and the general public. Regulatory Program significantly impacts the general public and continues to be controversial, generating intense debate among the Administration, Congress, and the public at large. Both current and previous Administrations have drafted Wetlands Plans and reauthorization of the Clean Water Act by the 104th Congress has been very controversial.

(11) Vacancy Announcement Number: **WTHG08754780**

Opening Date: **August 01, 2008** Closing Date: **September 02, 2008**

Position: **GS-13: General Engineer (0801), Civil Engineer (0810), Environmental Engineer (0819), Mechanical Engineer (0830), Electrical Engineer (0850), Architect (0808), Landscape Architect (0807), Environmental Resources Specialist (0401), Wildlife Biologist (0486), Fishery Biologist (0482), Social Scientist (0101), Community Planner (0020), Economist (0110), Physical Scientist (1301)**

Salary: **\$77,670 - \$100,976 Annual**

Place of Work: **US Army Engineer District, Walla Walla, Planning, Programs and Project Mgmt Div, Planning Branch, at Boise, ID**

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

Number of Vacancy: **2**

**Duties:** Serves as a Project Manager (PM) and Planner, responsible for the overall management and execution of assigned projects. This includes effectively developing, coordinating and reviewing pre-authorization, post-authorization, and continuing authorities studies. Studies involve engineering investigations, economic and environmental evaluations, and preparing decision documents for authorizing and constructing Federal water resource projects. As PM, controls and manages assigned project's budget and schedule. Serves as the district's primary point-of-contact for sponsor/customers and other external agencies on assigned continuing authority projects and reconnaissance studies. Is also an integral part of the District Outreach program, developing key customer contacts and developing new business opportunities. Works under the general direction of the Chief, Planning Branch.

(12) Vacancy Announcement Number: SCGV08000102C

Opening Date: **June 09, 2008** Closing Date: **December 08, 2008**

Position: **YD-2/YA-02: Biologist (0401), General Engineer (0801), Architect (0808), Civil Engineer (0810), Environmental Engineer (0819), Mechanical Engineer (0830), Physical Scientist (1301), Hydrologist (1315), Fishery Biologist (0486), Wildlife Biologist (0482), Electrical Engineer (0850), Ecologist (0408), Geologist (1350), Chemist (1320), Landscape Architecture (0807), Economist (011), Archaeologist(0193)**

Salary: **\$44,601 - \$89,159 Annual**

Place of Work: **US Army Engineer Dist, Jacksonville, Jacksonville, FL 32232**

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:** Responsible for ensuring the efficient and effective execution of all phases of assigned projects. Serves as the District's primary point of contact for assigned projects and represents the District Commander with customers, Federal agencies, state and local government agencies, Congressional interests, and other external organizations and higher authorities. Responsible for the day to day management, leadership, and execution of assigned programs and projects. Serves as Project Manager, responsible for the overall management, control, coordination and execution of assigned programs and projects. Coordinates the planning, design, cost engineering, construction, and environmental considerations, etc., for assigned projects of normal scope and complexity as measured by their diversity, geographical area, management demands, technical issues, physical and biological intricacies, and public/regulatory requirements.

Also, the **Philadelphia District** will be advertising in the very near future for two multidisciplinary planning project manager positions, one at a GS-9/11 level and one at a GS-12 level. If you are interested in learning more about these positions, please contact, Ms. Janet G. Harrington, Chief, Project Development Branch, Philadelphia District, at [Janet.G.Harrington@usace.army.mil](mailto:Janet.G.Harrington@usace.army.mil).

## TRAINING COURSES

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

### **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*.

***Floodplain Management Association Annual Conference “Floodplain Sustainability: Integrating Flood Risk, Land Use and Environmental Stewardship”***

September 2-5, 2008 San Diego, CA  
Additional information: <http://www.floodplain.org/conference.php>

**Wetlands 2008 “Wetlands and Global Climate Change”**

September 16-18, 2008 Portland, OR  
Additional information: <http://www.aswm.org/calendar/wetlands2008/index.htm>

***Coastal Engineering Research Board 85<sup>th</sup> Meeting***

September 23-25, 2008 Portland, OR  
Additional information: <http://chl.erdc.usace.army.mil/chl.aspx?p=s&a=Events!275>

**The River Center Conference 2008 “Managing and Restoring Human-Manipulated Large River Ecosystems”**

September 25-26, 2008 Missoula, MT  
Additional information: <http://www.umt.edu/rivercenter>

**4<sup>th</sup> National Conference on Coastal and Estuarine Habitat Restoration**

October 11-15, 2008 Providence, RI  
Additional information: <http://www.estuaries.org/?id=138>

***Gulf Coast Hurricane Preparedness, Response, Recovery and Rebuilding***

November 11 – 14, 2008 Mobile, AL  
Additional information: <http://www.pianc.us>

**28<sup>th</sup> International Symposium of the North American Lake Management Society “Lake Management in a Changing Environment”**

November 11-14, 2008 Alberta, Canada  
Additional information: <http://www.nalms.org/conferences/2008LakeLouise/Default.aspx>

***National Flood Proofing Conference IV***

November 16-20, 2008 New Orleans, LA  
Additional information: <http://www.floods.org/Conferences,%20Calendar/nfpc4.asp>

**American Water Resources Association “2008 Annual Water Resources Conference”**

November 17-20, 2008 New Orleans, LA  
Additional information: <http://www.awra.org/meetings/NewOrleans2008/index.html>

**Coastal Cities Summit 2008**

November 17-20, 2008 St. Petersburg, FL  
Additional information: <http://www.coastalcities.org>

**International Conference on Water Scarcity, Global Changes, and Groundwater Management Responses**

December 1-6, 2008 Irvine, CA  
Additional information: <http://www.uwrc.uci.edu/documents/SCARCE-WATER-BROCHURE-Final.pdf>

**3rd System of Systems Conference**

December 9-10, 2008

Gaithersburg, MD

Additional information: [http://www.upcomingevents.ctc.com/SoSECE/SoSECE\\_event\\_home.html](http://www.upcomingevents.ctc.com/SoSECE/SoSECE_event_home.html)

***Transportation Research Board—88th Annual Meeting***

January 11-15, 2009

Washington, DC

Additional information: <http://www.trb.org/am/cfp/default.asp?event=445>

**Coastal Geotools 2009**

March 2-5, 2009

Myrtle Beach, SC

Additional information: <http://www.csc.noaa.gov/geotools/index.html>

***5th World Water Forum “Bridging Divides for Water”***

March 16-22, 2009

Istanbul, Turkey

Additional information: <http://www.worldwaterforum5.org>

**National Military Fish and Wildlife Association Annual Meeting**

March 17-21, 2009

Washington, DC

Additional information: <http://www.nmfwa.org/future.cfm>

**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/>

## 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:

### **Subject: Global Climate Change**

*Understanding and Responding to Climate Change: Highlights of National Academies Reports, 2008 Edition.* Available at: [http://dels.nas.edu/dels/rpt\\_briefs/climate\\_change\\_2008\\_final.pdf](http://dels.nas.edu/dels/rpt_briefs/climate_change_2008_final.pdf)

*National Intelligence Assessment on the National Security Implications of Global Climate Change to 2030.* Statement for the Record of Dr. Thomas Fingar, Deputy Director of National Intelligence for Analysis and Chairman of the National Intelligence Council, before the House Permanent Select Committee on Intelligence and House Select Committee on Energy Independence and Global Warming, 25 June 2008. Available at: [http://www.dni.gov/testimonies/20080625\\_testimony.pdf](http://www.dni.gov/testimonies/20080625_testimony.pdf)

*Weather and Climate Extremes in a Changing Climate, Regions of Focus: North America, Hawaii, Caribbean, and U.S. Pacific Islands.* U.S. Climate Change Science Program. Synthesis and Assessment Product 3.3. June 2008. Available at: <http://downloads.climate-science.gov/sap/sap3-3/sap3-3-final-all.pdf>

### **Subject: Ecosystems**

*The State of the Nation's Ecosystems 2008*

Available at: <http://www.heinzcenter.org/ecosystems/index.shtml>

*Transitioning to Sustainability Through Research and Development on Ecosystem Services and Biofuels: Workshop Summary.* Patricia Koshel and Kathleen McAllister, Rapporteurs. National Research Council. Available at: [http://www.nap.edu/catalog.php?record\\_id=12195](http://www.nap.edu/catalog.php?record_id=12195)

*Environmental Information: Road Map to the Future.* Available at: [http://www.heinzcenter.org/ecosystems/2008report/pdf\\_files/Roadmap\\_Future\\_Report.pdf](http://www.heinzcenter.org/ecosystems/2008report/pdf_files/Roadmap_Future_Report.pdf)

### **Subject: Science and Technology**

*U.S. Competitiveness in Science and Technology* by Titus Galama and James Hosek. RAND National Defense Research Institute. Available at: [http://www.rand.org/pubs/monographs/2008/RAND\\_MG674.pdf](http://www.rand.org/pubs/monographs/2008/RAND_MG674.pdf)

### **Subject: Natural Disasters**

*Managing the Next Domestic Catastrophe – Ready (or Not)?* By Christine E. Wormuth and Anne Witkowsky. Available at: [http://www.csis.org/media/csis/pubs/080606\\_managingthenextdomesticcatastrophe.pdf](http://www.csis.org/media/csis/pubs/080606_managingthenextdomesticcatastrophe.pdf)

### **Subject: Behavioral Modeling and Simulation**

*Behavioral Modeling and Simulation: From Individuals to Societies.* Greg L. Zacharias, Jean McMillan and Susan B. Van Hemel, Editors. National Research Council. Available at: [http://www.nap.edu/catalog.php?record\\_id=12169](http://www.nap.edu/catalog.php?record_id=12169)

## 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](mailto:Kenneth.e.lichtman@usace.army.mil)

The deadline for material to be published in the next issue of *Planning Ahead* is  
**Wednesday, August 20, 2008**

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