

**American Recovery and Reinvestment Act of 2009  
Army Corps of Engineers - Civil Works Expenditure Plan  
Investigations**

<b>Primary State</b>	<b>Project Name</b>	<b>Corps District</b>	<b>Work Description</b>	<b>Planned Allocation (\$000)</b>
AK	ALASKA REGIONAL PORTS, AK	Alaska	Issue contract for State of Alaska Regional Harbor Development study	240
AK	ANCHORAGE HARBOR DEEPENING, AK	Alaska	Award contract for hydraulic analysis and participation in ship simulation modeling.	150
AK	KENAI RIVER BLUFF EROSION, AK	Alaska	Award contract for design analysis to include wave hindcast and revetment design	300
AK	LITTLE DIOMEDE HARBOR, AK	Alaska	Award contract for economic analysis, environmental studies and geotechnical investigations	250
AK	MATANUSKA RIVER WATERSHED, AK	Alaska	Issue contracts for airborne laser mapping surveys in conjunction with US Geological Survey, wetlands mapping in conjunction with Fish and Wildlife Service, wetlands delineation assessment, and data gap analysis.	300
AK	MCGRATH, AK	Alaska	Award contract for engineering and design work.	250
AK	WHITTIER BREAKWATER, AK	Alaska	Award contracts for hydropower evaluation, cost estimating, scoping meeting facilitation	400
AZ	VA SHLY-AY AKIMEL SALT RIVER RESTORATION, AZ	Los Angeles	Fully obligate incrementally funded Architect/Engineer contract to complete final Plans and Specifications and the Detailed Design Report for the first construction contract award on Phase 1 of the project.	645
CA	CARPINTERIA STUDY, CA	Los Angeles	Fully fund Architect/Engineer contract to complete the draft Environmental Impact Statement associated with the Feasibility Report.	80
CA	CARPINTERIA STUDY, CA	Los Angeles	Fully fund Architect/Engineer contract to complete the draft Coastal Engineering Appendix of the Feasibility Report.	100
CA	CARPINTERIA STUDY, CA	Los Angeles	Fully fund Architect/Engineer contract to complete Environmental Documents	170
CA	LOWER MISSION CREEK, CA	Los Angeles	Fully fund Architect/Engineer contract to prepare plans and specifications for the construction on the lower half of project	600
CA	MATILJA DAM, CA	Los Angeles	Award a contract option for the High Flow Bypass Facility Design.	250
CA	PAJARO RIVER, CA	San Francisco	Award contract to complete Draft Environmental Impact Statement associated with the General Reevaluation Feasibility Report.	200
CA	SAN JOAQUIN RIVER BASIN WEST STANISLAUS, ORESTIMBA, CA	Sacramento	Award contract for preparation of the Environmental Assessment for the alternatives and the recommended plan.	150
CO	CHATFIELD, CHERRY AND BEAR CREEK, RESERVOIRS, CO	Omaha	Fund remaining contract for completion of Reallocation Study and EIS. Fund another contract for Independent Peer Review Management and panel for review of Reallocation Study and EIS.	160

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CT	CONNECTICUT RIVER ECOSYSTEM RESTORATION CT, MA, NH, & VT	New England	Award a contract to survey possible ecosystem restoration sites within the watershed.	50
DC	WASHINGTON D.C. & VICINITY	Baltimore	Complete levee/closure design and document current environmental and economic information to allow a construction contract to be awarded at the start of FY 2010. The completed project will reduce the risk of flooding in the downtown Washington, DC area.	850
FL	JACKSONVILLE HARBOR, FL	Jacksonville	Funding will allow the General Reevaluation phase of this project to continue without interruption. A major portion of the work including modeling, geotechnical investigations, and environmental surveys will be contracted out creating job opportunities. Ultimately this study for harbor improvements could justify a deeper Port, creating an avenue for Port expansion and ultimately more jobs in the area.	1235
FL	MILE POINT, FL	Jacksonville	Funding will allow the feasibility phase of this project to continue without interruption. A major portion of the work, including external peer review, will be contracted out creating job opportunities. Ultimately this study for channel improvements could lead to a more efficient use of the harbor and more cargo transits.	150
FL	PORT EVERGLADES HARBOR, FL	Jacksonville	Funding will allow the feasibility phase of this project to continue without interruption. A major portion of the work, the environmental survey update, will be contracted out creating job opportunities. Ultimately this study for harbor improvements could justify a deeper Port, creating an avenue for Port expansion and ultimately more jobs in the area.	130
FL	ST JOHNS COUNTY, FL	Jacksonville	Funding will allow the feasibility phase of this project to continue without interruption. A major portion of the work, including resource surveys and a draft Environmental Impact Statement, will be contracted out creating job opportunities. Ultimately this shore protection project stands to reduce storm damages while protecting upland structures and could potentially save lives.	452
IA	CEDAR RIVER CHECK AREA, IA	Rock Island	FY 2010 funds will allow completion of feasibility study needed to facilitate recovery from 2008 Midwest floods. Recovery is not able to proceed without federal recommendations on flood risk management measures.	2500
ID	BOISE RIVER, BOISE, ID	Walla Walla	Award contract to conduct hydrologic analysis and prepare floodplain mapping for the lower Boise River.	150

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ID	FPMS (SS WARM SPRINGS CREEK VIC OF CHALLIS, ID)	Walla Walla	Award a contract to prepare and update floodplain maps. FEMA will use the new maps to determine rates for flood insurance.	25
IL	DES PLAINES RIVER, IL(PHASE II)	Chicago	Award and complete Independent External Peer Review (IEPR) contract. Funds will be used to complete mandatory IEPR for this large study. This will expedite completion of the study and review processes that will serve to reduce \$27 million in average annual damages and the risks associated with flooding in the Chicago Metropolitan Area.	350
IL	JOHN GLENN GR LAKES BASIN STRAT PLAN,IL,IN,MI,MN,NY,OH,PA&WI	Detroit	Issue a contract to expand the use of tools developed under the Great Lakes Habitat Initiative by updating the database and developing additional features to foster collaboration and identification of funding sources, and developing a system to track completed projects and their associated environmental benefits.	200
KS	TRIBAL WATERSHED SUPPORT	Kansas City	The Kickapoo Tribe in Kansas is experiencing severe stream erosion, degradation on the Delaware River affecting critical infrastructure and cultural resources. Funds will be used to address the Tribe's long term water supply and other infrastructure issues.	50
MA	BLACKSTONE RIVER WATERSHED RESTORATION, MA & RI	New England	Award a contract to perform sediment sampling and testing of accumulated material behind impoundments along the Blackstone River in Massachusetts.	150
MD	CHESAPEAKE BAY SHORELINE, MARYLAND COASTAL MANAGEMENT, MD	Baltimore	Award contract to complete the Technical Guide to be used by state and local agencies to restore and protect the Chesapeake Bay infrastructure, resources, and aquatic ecosystem habitat.	60
ME	SEARSPORT HARBOR, ME	New England	Complete study in FY 2010 so Preconstruction, Engineering and Design can be initiated.	40
MI	ECORSE CREEK, MI	Detroit	Issue a contract to complete a general re-evaluation report to determine the feasibility of constructing a flood damage reduction project in Dearborn Heights, MI, to reduce damages associated with frequent flooding in an urbanized area.	800
MT	YELLOWSTONE RIVER CORRIDOR, MT	Omaha	Award contracts for fishery study with MT Fishery Coop; economic study with Headwaters Economics; floodplain mapping in Sweetgrass County; hydrologic model for Tongue River Basin; and a website for public outreach.	435

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NC	BOGUE BANKS, NC	Wilmington	Award two Architect/Engineer Contracts to complete coastal analysis and economics using Beach FX model, a comprehensive analytical framework for evaluating the physical performance and economic benefits and costs of shore-protection projects.	265
ND	FARGO, ND - MOORHEAD, MN METRO STUDY (RRN BASIN AUTH)	St. Paul	Funds will be used for a contract to complete subsurface investigations and hydrologics for the Fargo, ND - Moorhead, MN metro area flood risk management study. Fargo is the largest city in North Dakota and is threatened from overland flooding from the Red River of the North.	222
ND	RED RIVER OF THE NORTH BASIN, MN, ND, SD, & MANITOBA CANADA	St. Paul	Funds would be used for a contract to collect airborne laser mapping (LIDAR) data and develop a digital elevation model. The model will be used to plan water resource projects, including flood risk management and ecosystem restoration projects, transportation projects, and local development decisions.	278
NE	PAS NE BEATRICE FLOODPLAIN	Kansas City	Provide technical planning assistance in the development of a river corridor ecosystem restoration plan with compatible / passive recreation opportunities. The funds will be for a Planning Assistance to States funded report recommending a plan for floodplain restoration.	50
NJ	NEW JERSEY SHORELINE ALTERNATIVE LONG-TERM NOURISHMENT, NJ	Philadelphia	Funds will be used to prepare a regional/systems type study for the coast of New Jersey; develop a regional sediment budget and an improved understanding of regional coastal processes; and implement an efficient regional sediment management and monitoring program to reduce long term nourishment costs.	300
NV	TRUCKEE MEADOWS, NV	Sacramento	Award contract for geotechnical exploration data collection along the Truckee River and proposed areas for levee and ecosystem restoration for design of the proposed recommended plan.	600
NY	BUFFALO RIVER ENVIRONMENTAL DREDGING, NY	Buffalo	Funds would be used to accelerate progress on the Buffalo River Environmental Dredging Feasibility study, through the use of Architect/Engineer contracts.	200
NY	JAMAICA BAY, NY	New York	Award an External Peer Review (EPR) contract to an Architect/Engineer firm.	400

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NY	ONONDAGA LAKE, NY	Buffalo	Award and execute a modification to an existing contract to produce a summary document regarding the Onondaga Lake Watershed study technical report. Also execute a contract to update the 2001 State of the Lake report (Onondaga) as a public outreach tool to communicate progress of the partnership in cleaning up the lake and its watershed.	120
NY	SOUTH SHORE OF STATEN ISLAND, NY	New York	Complete the Feasibility Report including EIS by March 2010. Award task orders for Main Report Preparations, Economics Appendix, Draft EIS, and an Engineering Appendix. Subsequent to the completion of Feasibility Report, contract for various External Peer Review related tasks.	550
OH	PAS-OH-SIDNEY	Louisville	Award a contract to identify sources that provide a safe and reliable water supply for the City of Sidney, Ohio. Outputs will include data, documentation, and evaluation of the feasibility of using wells as a water supply source.	450
OH	WESTERN LAKE ERIE BASIN, OH, IN, & MI	Buffalo	Award Architect/Engineer contract to accelerate progress on the Blanchard River Flood Risk Management and Ecosystem Restoration Feasibility study.	262
OR	AMAZON CREEK, OR	Portland	Award contract to complete Feasibility Study. Completion of this phase will lead to design and construction of up to 18 ecosystem restoration projects along Amazon and Cedar Creeks within the cities of Eugene and Springfield.	438
OR	FPMS FLOODPLAIN DATA	Portland	Award contract to survey and create bench marks at all long-term Crest Stage Gages within Portland District. This program captures peak flood information on rivers and is used to develop river simulation models or to help communities with flood planning.	150
OR	PAS NEHALEM FLOOD MODEL	Portland	Award contract to complete a Planning Report evaluating alternatives to alleviate flooding issues at the City of Vernonia, which suffered extensive losses during a Dec 2007 flood event. The report will aid in developing plans for flood damage reduction.	100
OR	WILLAMETTE RIVER ENVIRONMENTAL DREDGING, OR	Portland	Award contract to complete study alternatives. Supports development of 35 ecosystem restoration projects on the Lower Willamette River mainstem, as well as tributaries.	615

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PA	SCHUYLKILL RIVER BASIN, WISSAHICKON CREEK BASIN, PA	Philadelphia	Award an Architect/Engineer contract to complete the Feasibility Study Scoping documentation. This documentation would include definition of the existing conditions, the without project conditions, and the site selection screening process to continue the Feasibility study of this critical urban watershed for ecosystem quality improvements.	251
PA	UPPER OHIO NAVIGATION STUDY, PA	Pittsburgh	Funds will be used to complete a study of three unreliable Lock and Dam projects with a high risk of unscheduled closures up to 1 year in duration. Estimated annual transportation savings from 2002-2007 were \$202 million.	285
TX	DALLAS FLOODWAY, UPPER TRINITY RIVER BASIN, TX	Fort Worth	Award an Architect/Engineer contract to complete the EIS for the Balance Vision Plan to reduce the risk of flooding and improve public safety.	1125
TX	SABINE PASS TO GALVESTON BAY, TX	Galveston	Award an Architect/Engineer contract to conduct surveys and develop existing condition model based on impacts from Hurricane Ike. Study will focus on enhancements to public safety.	1500
VA	AIWW BRIDGE AT DEEP CREEK, VA	Norfolk	Funding will be used to award a task order under an Architect/Engineer contract; work to be performed would include: Update the roadway design to incorporate changes that have occurred over the past 8 years within the project foot print; complete design of bridge, identify all Lands, Easements, Rights-of-Way and Relocations (LERRs) required due to project impacts, prepare construction plans and specifications, and move the project closer to the Ready to Advertise (RTA) point.	700
WA	GREEN RIVER PAS 2009	Seattle	Funds will be used to hire a contractor for 6 months to study adult salmon habitat on the Stillaguamish and Green Rivers and to complete a report.	42
WA	LOWER COLUMBIA RIVER ECOSYSTEM RESTORATION, WA & OR	Portland	Contract work will use existing site information to evaluate successful shallow water habitat sites. Results of this effort will identify the optimal number of shallow water habitat sites for implementation that will support threatened and endangered salmon for 146 miles of the Lower Columbia River, from the mouth to Bonneville Dam.	104
WA	PAS HOOD CANAL	Seattle	Funds will be used to hire a contractor for 5 months to study marine organisms in the Hood Canal and to complete a report.	35
WA	PAS SOUTH PUGET SOUND	Seattle	Funds will be used to hire a contractor for 5 months to monitor adult salmon habitat in the South Puget Sound and to complete a report.	35

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WA	SKAGIT RIVER, WA	Seattle	Award a contract to provide Architect/Engineer services to develop a scope of work and drilling plan for geotechnical investigations of the levee system along the Skagit River. Data results will be used in the Levee Failure Analysis.	100
XX	CERTIFY NATIONAL PLANNING MODELS (PLANNING SUPPORT PROGRAM)	HQ	Award a contract for certification of national planning models ( Eco Guide Book & Harbor Sym)	1000
XX	CFDC- A COASTAL FIELD DATA COLLECTION 1/	ERDC	Award a contract for MORPHOS development of an engineering hurricane model (Coastal Modeling system)	1050
XX	FLOOD PLAIN MANAGEMENT SERVICES PROGRAM	HQ	Award a contract for purchase/distribution of American Society of Floodplain Managers publications	20
XX	ID/IQ CONTRACTS FOR OEOS FOR IEPR	HQ	Under Sec 2034 of WRDA 07 Corps needs Other Eligible Organization's (501c3 organizations) to manage an Independent External Peer Review (IEPR). These funds are the base funding for ID/IQ contracts for Other Eligible Organization's for Independent External Peer Review.	346
XX	NAVIGATION INVESTMENT MODEL(NIM) CERTIFICATION	Great Lakes & Ohio River Div.	Award a contract for Inland Navigation Investment Model documentation and certification.	350
XX	RESEARCH AND DEVELOPMENT - CLIMATE CHANGE DOWNSCALING PROJECTIONS	ERDC	Award contract to produce downscaled projections of global climate to support consistent local and regional evaluation of potential climate change impacts to public safety and water resources management and infrastructure.	350
XX	WISE USE OF FLOODPLAINS STUDY (FEMA/MAP MOD COORDINATION )	HQ	Award a contract to produce a GIS-based database and analytic tool for characterizing relative flood risks at the national scale. The supporting work involves collecting, reconciling, and georeferencing available data to populate the database and then processing the data to produce flood risk characterizations. The resulting product will be a significant step forward in flood risk management through a better understanding of flood risks within the floodplain.	500