

Location of Project Posters

State	Project Name	Brief Project Description	Location (Category)
AK	Northwest Arctic Borough Data Gathering and Dissemination Effort	Gathers high water marks in 10 Northwest Arctic Borough Communities in a common datum and uses that information to provide a flood risk layer for community profile maps distributed by the State of Alaska.	Communication
AR	Non-structural Assessment in the Little Rock area (Shannon Hills)	Provide the City of Shannon Hills with a comprehensive nonstructural assessment of repetitively damaged structures along the Otter Creek and Shannon Hills Tributary. This assessment will be used to identify and prioritize mitigation options, and provide flood risk reduction guidance to the individual homeowners. The final results of this effort will be incorporated into a community education and outreach effort, and provide a template for utilizing nonstructural mitigation in other communities throughout Arkansas.	Nonstructural
CA	Communicating California's Flood Risk	The basic premise is to take the information provided in the CA Flood Future Report and create regional videos.	Communication
CA	Educational Course on Flood Risk and Flood Hazard Mitigation in California	To develop and supplement existing information provided to CA teachers with regards to Flood Risk. Build on existing information but make it more useful.	Communication
FL	Sea-Level Rise and Storm Surge Implications for Selected Inland Areas in the State of Florida	This project will highlight the latest USACE guidance on Sea Level Rise (SLR) and describe some of the tools currently available to assess SLR and storm surge. Curves representing 3 potential future SLR scenarios will be developed for the St. Marys, St. Johns, and Suwannee Rivers and maps will be produced that show potential combined impacts of SLR and storm surge on inland areas.	Informing Land Use
FL	Florida High Water Marking Strike Team	Phase 1 will identify High Water Mark (HWM) data requirements, develop a website where team members can submit HWM data in various forms (digital photos, videos, on-site report forms, river gage data, etc.) and then do pilot testing an operational rollout of the HWM database. Phase 2 will develop a graphic map presentation tool that can easily access the database and post information to an interactive map tool used by the State to assemble intelligence on flood conditions and determine or predict impacts. Phase 3 will be a demonstration and operational test of the combined systems developed.	Nonstructural
GA	Macon Levee Safety Project	The Georgia Silver Jackets team will prepare a document that provides public officials in the City of Macon and Bibb County with information pertaining to risks associated with lower-level floods not reflected in the FEMA mapping, and the rough order of magnitude cost of constructing the levee to meet FEMA accreditation standards versus non-structural alternatives.	Levee Safety: Risk Communication
GA	Chattahoochee River Flood Forecast Inundation Mapping	The Georgia SJ team will make available to city officials, emergency managers, and the public through a readily available website the depths and extent of flooding mapping tool for the Chattahoochee River Basin between Morgan Falls Dam and Peachtree Creek.	Mapping and Response
GA	Flood Forecast Inundation Mapping, Ocmulgee River, City of Macon/Bibb County	Create a flood warning system that includes flood forecast inundation mapping along the Ocmulgee River in Macon/Bibb Count, which the National Weather Service will then make available online.	Mapping and Response
GA	Interagency Nonstructural Flood Risk Management Project, Rocky Creek Watershed - "Hyde Park", City of August/Richmond County, GA	The Augusta Hyde Park Nonstructural Analysis will assist the City of Augusta/Richmond County in determining the benefits and costs of acquiring, demolishing, and relocating all properties and residences to eliminate future flood risks, consequences, and costs.	Nonstructural
IA	Floodplain Management and Risk Communication	Project assembled a geodatabase including involvement in NFIP, quantification of risk and adoption of various ordinances by community. Developed a process for quantifying flood risk in areas without FIRM maps and compared HAZUS results with Corps method at Cedar Rapids. Identified CRS type activities to lower flood risk of communities. Presented results at 3 different forums to communicate risk to community stakeholders.	Informing Land Use
IA	Community Based Hydrologic Warning System for Indian Creek, Linn, County, Iowa	Community-based hydrologic warning system for Indian Creek	Flood Warning / Flood Risk Management Planning
IA	Living Behind a Levee, Evaluation of Urban Flooding Scenarios to Support Risk Communication and Evacuation Planning	USACE will use of GIS data available from the Iowa LIDAR Project and the City of Cedar Falls for analysis flood inundation modeling. The City and its stakeholders will partner with USACE in order to better understand and plan for potential levee capacity exceedance or levee failure scenarios.	Levee Safety: Risk Communication
IA	Hamburg Iowa Nonstructural Proposal	Provide the City of Hamburg with a comprehensive nonstructural assessment to identify and prioritize mitigation options, and provide flood risk reduction guidance to individual home and business owners.	Nonstructural
IA	Non-Structural Landuse change Impacts on Structure Losses in Cedar River Communities	Estimates the change in potential structure loss in numerous communities in the Cedar River basin by simulating altered hydrology and flood stages based on landuse changes.	Nonstructural
ID	South Fork Coeur d'Alene Watershed Flood Risk Mitigation Action Plan	Project worked with the community to develop a flood risk mitigation action plan and establish a local Flood Risk Management Working Group. The FRM Working Group is planning to continue on past the end of the Pilot Project. Pilot Project is complete pending submission of "Measurable Benefits" documentation.	Flood Warning / Flood Risk Management Planning
ID	Remapping the Floodplain Following the Teton Dam Failure of 1976	Project will include new river cross-sections, updated hydrologic study, and updated hydraulic model of a six mile stretch of SF Teton River. The end product will be technical data for city of Rexburg and Madison County to submit a LOMR.	Mapping and Response
ID	Idaho Regional Flood Risk Workshops	Three or more workshops will be provided around the state of Idaho to communicate nonstructural methods for reducing flood risk. The workshops will be jointly presented by USACE and State Agencies.	Nonstructural
IL	Cal-Sag Channel Non-Structural Flood Risk Management Study Proposal	Evaluation of nonstructural flood risk management study	Nonstructural
IN	Development of an Integrated Flood Risk Assessment Program for Observation and Flood Forecast Points in Indiana	The Indiana SJ team will add a HAZUS module to the flood inundation map libraries being developed including a Level 2 Risk Analysis, agency training, and outreach efforts.	Mapping and Response
IN	Development of Integrated Flood Response Plan for Orange county, Indiana	The Indiana SJ team will build a comprehensive flood risk reduction program for Orange County and use it as a model for other flood-prone communities. The model will include elements of mitigation planning, public outreach, and science-based response and recovery actions.	Mapping and Response
KS	Big Blue and Kansas Rivers' Confluence Actions for Flood Risk Management	Building on earlier project (elements 1 and 2), assist with floodplain management plan documenting flood risk, action items, emphasizing possible elevation of homes, and clarifying risks near the USACE level and dam. (Note overlap with Public Involvement Pilot Project.)	Flood Warning / Flood Risk Management Planning
KS	Action Items for Flood Risk Management in the Wildcat Creek Watershed	The products are a Floodplain Management Plan and a Flood Forecast Inundation Map. The inundation map is on NWS AHPS website and is tied to new gages. A warning system will be tied to the gages for the action flood stages, developed by NWS and community.	Mapping and Response
KS	Big Blue and Kansas Rivers Confluence Cross Creek, Rossville, Kansas Flood Forecast Inundation Maps	Flood Forecast Inundation Maps through the NWS AHPS for an area at a confluence and also downstream of a USACE dam (element 1); future development conditions flood inundation maps (element 2).	Mapping and Response
KS	Forecast Inundation Maps	The product is a Flood Forecast Inundation Map. The inundation map will be on the NWS AHPS website and is tied to an existing gage.	Mapping and Response
KY	Levee System Enhanced Emergency Response Plan, Louisville	The SJ team will work with Louisville MSD to perform some failure analyses of Louisville's flood protection system and offer some technical assistance on their emergency response plan.	Levee Safety: Interim Risk Reduction
KY	Flood Inundation Mapping, Falmouth	Use improved technology and recent NRCS collection of LIDAR data to develop a set of flood inundation maps to benefit the community and improve its emergency response planning efforts.	Mapping and Response
KY	Inundation Mapping Expansion and Enhancement, Frankfort, KY	The SJ team will build a flood inundation library utilizing existing dam and levee failure analyses for the Kentucky River in and near Frankfort.	Mapping and Response
MD	Cumberland-Ridgeley Flood Risk Management Project Outreach Brochure	Develop and distribute a brochure to educate homeowners, business owners and other stakeholders of the benefits and risks associated with the Cumberland-Ridgeley Flood Risk Management Project	Levee Safety: Risk Communication
MI	Early Flood Warning System for Greater Lansing Area	The SJ team will develop a flood warning system supported by an inundation mapping tool to reduce flood risk and protect property and lives in the Greater Lansing Area, MI.	Flood Warning / Flood Risk Management Planning
MI	Nonstructural Flood Proofing Workshop	The workshop will illustrate the general data requirements for conducting plan formulation, how to assess the information collected, and how to conduct an economic analysis to develop a benefit-cost ration. The workshop identifies the hydrologic and nonstructural plan formulation required to assist communities/states to, either individually or in conjunction with USACE or other Federal and State partners, develop potentially feasible nonstructural flood risk reduction measures which could lead to implementation and a reduction in damages due to future flood events.	Nonstructural
MN	Emergency Action Plan Guide Book	Develop a template that communities can use to develop emergency action plans (EAP's) that identify risks and mitigation opportunities, incorporating flood response, evacuation plans, and communication to the public	Improving Response
MN	Mapping Unaccredited Levees from Remotely-Sensed Data: A Pilot Project	This project will develop a process using GIS-based analysis and existing high resolution LIDAR data sets to locate and attribute possible undocumented levees.	Improving Response
MN	Bluff Erosion Risk Reduction Study	This project will investigate a method to identify locations prone to catastrophic bluff erosion and develop guidelines for county and local zoning and building codes to minimize risk exposure to buildings and infrastructure.	Informing Land Use

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MN	Flood Inundation Warning System for Downtown St. Paul	This project will develop scenario-based flood inundation mapping for both banks of the Mississippi River in Downtown St. Paul and provide public outreach opportunities.	Mapping and Response
MN & ND	Pre-Flood Planning Information Package	Compile information used to determine forecast stages requiring community action and help agencies identify where advance measures by USACE under PL 84-99 might be necessary. Information will be incorporated into the National Weather Service Advanced Hydrologic Prediction Service to facilitate warnings.	Improving Response
MN & ND	Red River Basin-wide Nonstructural Flood Risk Management Measures Guidance Manual for Owners and Residents	Develop an owner's manual for nonstructural flood risk reduction measures, compliant with all USACE and FEMA regulations, to include information on use and maintenance of existing measures, and planning new risk reduction activities.	Nonstructural
MO	Buchanan County Levee Districts' Hazard Mitigation Measures	Create a fill-in-the-blank style template for development of Levee District Emergency Action Plans (EAP) in Buchanan Co. and complete an EAP/Evaluation Plan for the Hall Levee District.	Levee Safety: Interim Risk Reduction
MO	Missouri River Inundation Mapping, River Miles 377 to 398	The product is a set of static inundation maps, and part of the product is formalized process for other Missouri River reaches to follow. The project will provide to both the state and NWS AHPS as a Flood Forecast Inundation Map. This may be tied to either old or new USGS gages.	Mapping and Response
MO	City of Brentwood Flood Risk Mitigation Analysis	Urban nonstructural flood analysis	Nonstructural
MS	Hazard Communication Plan in the Mississippi Delta	The MS Silver Jackets team has developed a Hazard Communication Plan for sharing and coordinating information during a disaster. The resulting Hazard Communication Plan was tested by performing a functional dam break exercise at Arkabutla Dam and a functional levee breach exercise in the northern part of Mississippi.	Improving Response
MT	SWIF Assistance for Forsyth, Glasgow, and Havre	Montana Silver Jackets Interagency Assistance with the Sponsor-led Development of System-Wide Improvement Framework (SWIF) Plans for Forsyth, Glasgow, and Havre, Montana	Levee Safety: Interim Risk Reduction
ND	Analysis of the Hydrometeorological Data Network in the Souris River Basin	Develop a consolidated source of information and recommendations for expansion of the flow and precipitation gage network in the Souris Basin	Flood Warning / Flood Risk Management Planning
ND	Minot and Vicinity SWIF Study in the Souris River Basin	Provide information and assistance in making risk-informed decisions on system-wide improvements in the Souris (Mouse) River basin, to include interim risk reduction measures. The interim measures will be especially important until the major project modifications as proposed by the North Dakota State Water Commission can be accomplished in the next five to ten years.	Levee Safety: Interim Risk Reduction
NE	Levee Safety Communication Outreach Project	Develop educational materials and provide to 40 participants (20 levee sponsors, additional State and local flood risk managers or NFIP coordinators). Extend invitation to western Iowa levee sponsors.	Levee Safety: Risk Communication
NE	North Platte River Flood Risk Impacts Assessment and Communication	H&H study along the North Platte River with an emphasis at the City of North Platte. Major efforts include basin and reservoir modeling. Results will be posted to the NWS AHPS.	Mapping and Response
NE	Nonstructural Flood Risk Mitigation Assessment Along the Platte River	This study will conduct Nonstructural Assessments for the Village of Cedar Creek and City of Louisville including survey efforts and B/C analysis. The results will be combined with a CRS evaluation and potential application by both cities.	Nonstructural
NJ	Flood Inundation Mapping, Passaic River	Inundation maps for 4 gage locations within the Passaic River will be created to provide critical information to the Passaic Flood Warning Users Group to enable faster flood projections and better flood preparedness.	Mapping and Response
NV	Nevada Flood Chronology Website	Develop flood chronology website based on the Carson River Watershed website for the Walker River Watershed. The website contains stories, vignettes of various floods in the Walker River Watershed and flood statistics that can be used to educate the local communities on the flood hazards and provide evidence of past floods.	Communication
NV	Northern Nevada Flood Awareness Week and Media Campaign	Initiate a Flood Awareness Week in Nevada similar to CA Flood Preparedness Week. Northern Nevada doesn't flood in the late spring but usually during the winter and early spring and is usually over by March with extreme events. This means that participating in the National Flood Awareness month is too late. The objective is to help educate the public about flood risk before the season. NV Flood Awareness month is scheduled for Nov. 10-15, 2014.	Communication
OH	Flood Warning System	Streamgaging for Flood Inundation Warning System - Ohio and Lower Muskingum Rivers - City of Marietta, Morgan and Washington Counties	Improving Response
OK	Interagency Development of a Flood Risk Reduction Public Information Strategy and Demonstration for the Arkansas River and Tributaries, Tulsa County, OK	This inter-agency nonstructural project helps advance Phase 3 of the Natural Hazards Mitigation Association Resilient Neighbors Network Framework Plan and aspects of FEMA's "The Mitigation Model: A Path Toward Resilience" initiative	Communication
OK	Interagency Application of SimSuite Mapping Tool To Advance Local Development of Risk Reduction Measures for High-Risk Levees	This interagency project builds on the current U.S. Army Corps of Engineers SimSuite Mapping Tool and will provide tool training/access for local government officials to help them manage the risks associated with levees in Tulsa County, Oklahoma.	Levee Safety: Interim Risk Reduction
OK	Utilization of Multi-Organization Resources in Developing Static and Real-Time Flood Inundation Mapping for Miami, OK	Project includes provisional flood inundation mapping with capability to show current, forecasted, and theoretical "what if" flood condition scenarios. The project also includes a mock flood event exercise with the city of Miami, Oklahoma Water Resources Board, FEMA, USGS, NWS, Grand River Dam Authority, and USACE to demonstrate the "proof of concept" real-time and theoretical forecasted flood mapping attributes.	Mapping and Response
OR	Oregon Silver Jackets Development of a Rapid Assessment Flooding Tool (RAFT)	The RAFT is an almost real-time tool that takes flood forecasts from the NWS River Forecast Center and relates it to flood frequency and potential damages/levee failures.	Improving Response
PA	Harrisburg Flood Inundation Mapping Tool	The SJ team is developing a non-structural flood hazard mitigation tool to inform the general public, local officials, and emergency managers of flooding risks. The tool is a library of inundation maps tied to an existing stream gage for various flood stages for the City of Harrisburg and adjacent communities along a 20-mile reach.	Mapping and Response
SC	Mapping coastal erosion hazards along sheltered coastlines in South Carolina	Estimate erosion rates along major coastal estuaries, develop improved coastal policies and information products for local governments, and refine erosion assessments for sheltered coastlines	Informing Land Use
SD	Nonstructural Assessment, Madison, South Dakota	A nonstructural assessment is ongoing for the City of Madison to develop detailed structure inventory and conduct a B/C analysis. The results will be used to prioritize mitigation options and provide flood risk reduction guidance and education to individual homeowners.	Nonstructural
TN	Chattanooga Flood Preparedness	Team will develop GIS tool to bring together real time gage data (stage and rainfall), predictive data and inundation mapping to facilitate emergency management decisions in Chattanooga and Hamilton County, Tennessee.	Improving Response
VA	Virginia Flood Risk Information System	State resource to communicate risk. Interactive website for flood hazard data and risk information available to the public	Mapping and Response
VT	Flood-Inundation Mapping of the Ottauquechee River; Post Irene 2011	Approximately 21 miles of floodplain along the Ottauquechee River will be updated to show potential flood inundation. The project will leverage LIDAR data recently collected by VT Department of Transportation, USGS methods for mapping, and local regional planning commissions resources for using the maps as a tool for education and risk management.	Mapping and Response
WA	Integrating Flood Risk Management and Salmon Habitat Restoration Priorities in Puget Sound: An Early Opportunities Analysis	Advancing an integrated approach to flood risk management and habitat restoration planning in the Puget Sound region of Washington, by identifying "early opportunities areas" where agencies can apply a coordinated investment approach to reduce flood risk and advance habitat restoration goals.	Nonstructural
WI	Nonstructural Workshop	The workshop will illustrate the general data requirements for conducting plan formulation, how to assess the information collected, and how to conduct an economic analysis to develop a benefit-cost ration. The workshop identifies the hydrologic and nonstructural plan formulation required to assist communities/states to, either individually or in conjunction with USACE or other Federal and State partners, develop potentially feasible nonstructural flood risk reduction measures which could lead to implementation and a reduction in damages due to future flood events.	Nonstructural