



National Hurricane Program

Fiscal Year 2023 Factsheet

U.S. ARMY CORPS OF ENGINEERS

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FACT SHEET

AUTHORIZATION: USACE funding is provided through the Floodplain Management Services (FPMS) program. FEMA partners with USACE as part of this program, and is authorized under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, and the Post-Katrina Emergency Management Reform Act (PKEMRA Section 632)

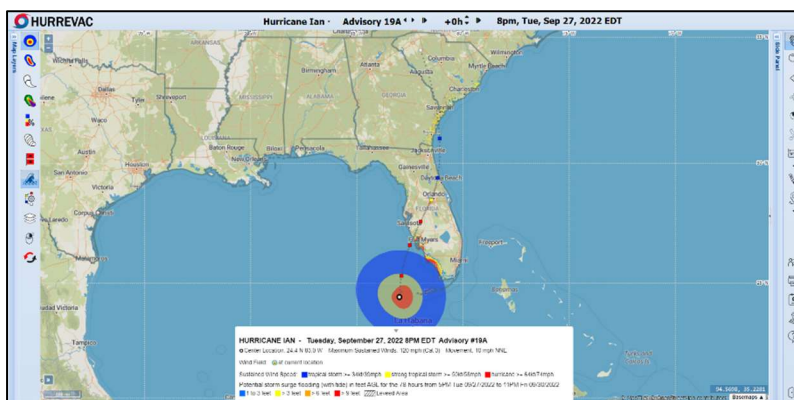
TYPE OF PROJECT(S): Hurricane Evacuation Planning, Preparedness, and Technical Support

CONGRESSIONAL INTEREST:

All coastal state Congressional Districts from Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Delaware, Maryland, Washington, D.C., Virginia, North Carolina, South Carolina, Georgia, Florida, Mississippi, Alabama, Louisiana, Texas, Puerto Rico, U.S. Virgin Islands, and Hawaii.

NON-FEDERAL PARTNERS:

Various state and local emergency management agencies and the National Emergency Management Association (NEMA).



Screen shot from HURREVAC, which is the National Hurricane Program's hurricane evacuation decision support tool. USACE is responsible for development, operations, maintenance, and training of the program. (Picture: Mid-season Hurricane 'Ian' approach on Florida's west coast.)

BACKGROUND: The National Hurricane Program (NHP) is a federal interagency partnership between USACE, FEMA and NOAA, which provides technical services and studies throughout hurricane threatened coastal states in the United States including Maine, New Hampshire, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, Pennsylvania, Delaware, Maryland, Washington, D.C., Virginia, North Carolina, South Carolina, Georgia, Florida, Mississippi, Alabama, Louisiana, Texas, Puerto Rico, U.S. Virgin Islands, and Hawaii. Technical assistance is focused on hurricane evacuation and response planning, readiness, and operational decision making. The program's scope spans from steady-state deliberate planning and readiness activities to decision support and crisis planning when hurricanes threaten the United States and its territories.

The NHP has established three main goals designed to meet the requirements of legislative mandates:

- Provide tools and resources to plan, prepare for and manage risk against hurricanes at the local, state, regional and national levels.
- Deliver comprehensive hurricane evacuation training and technical support to state and local emergency managers, and to federal agency partners.
- Provide real-time information and guidance to state and local emergency managers in support of their hurricane evacuation decisions during hurricane approach.

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USACE specifically supports the program through management of hurricane evacuation studies (HESs) and post-storm assessments; intergovernmental coordination, including the execution of the annual Interagency Coordinating Committee on Hurricanes (ICCOH); and operations, maintenance, training, and modernization of HURREVAC, the NHP's free web-based hurricane evacuation decision support tool.

STATUS: Operations, maintenance, training, and modernization of the HURREVAC program continued in FY22 and into FY23. Throughout the 2022 hurricane season, the program had no downtime despite over 4,000 new registered users and a concurrent usage of ~5,000 users during Hurricane Ian. The NHP is continuing work to optimize the platform's performance for the upcoming 2023 hurricane season. In addition, it is working to improve the in-application help system and developing additional training resources for users, such as short self-help videos. The latest version of HURREVAC can be accessed using the following link: hurrevac.com. Additionally, there are three (3) states with active HESs scheduled for completion in FY23 including: Georgia, Alabama, and Mississippi; and (3) states with active HESs scheduled for completion in FY24/FY25 including: Texas, New York, and Hawaii. The FY23 ICCOH meeting will be held as an in-person meeting at FEMA Region IV facilities in March 14-16, 2023.

<u>BUDGET:</u>	<u>FY22</u>	<u>FY23</u>
<u>Total Estimated Costs:</u>		
USACE (FPMS) funding	\$840,000	\$850,000
FEMA funding	\$1,480,000	\$1,580,000

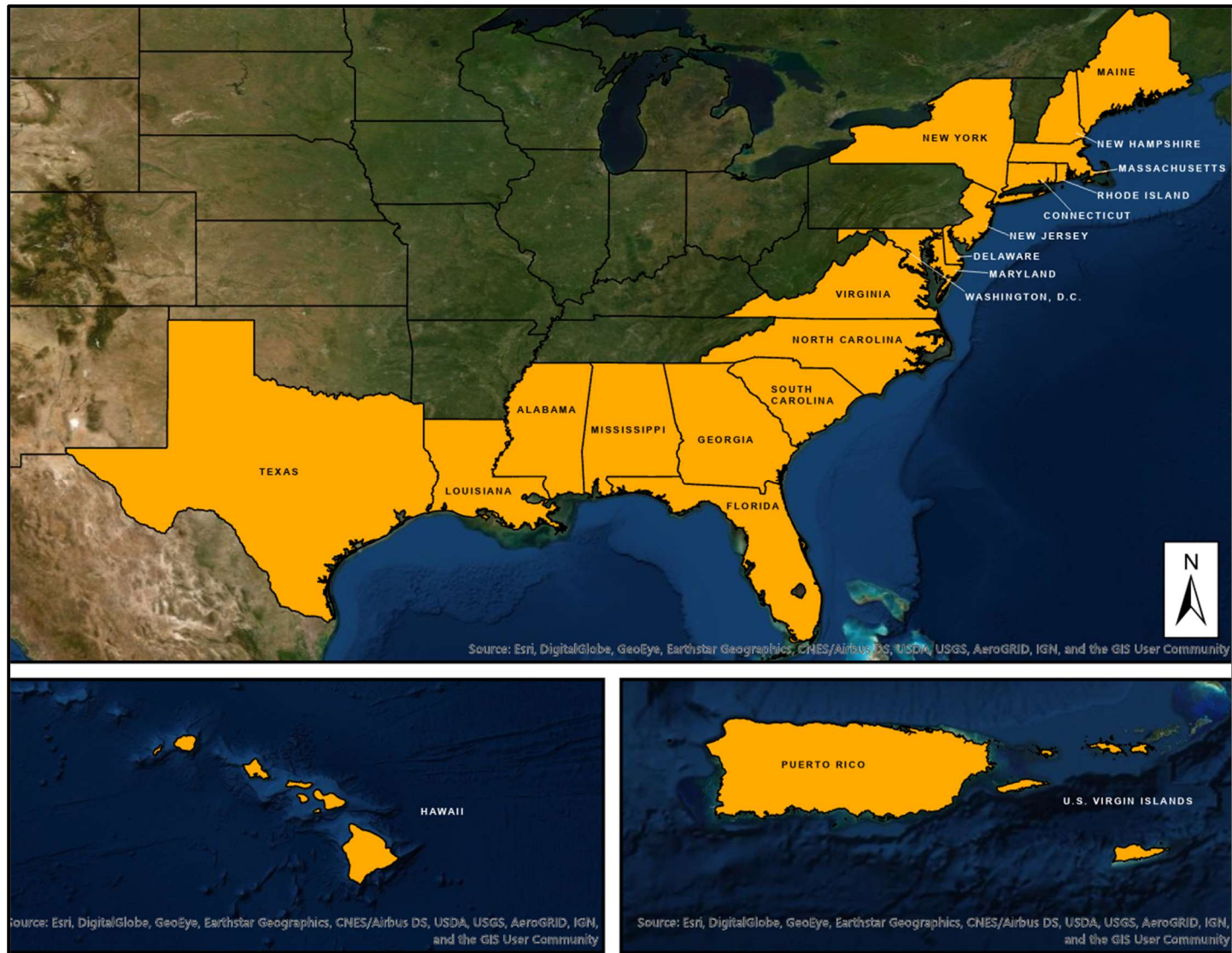
SCHEDULE:

FY2022 Completed Work: Significant developments for HURREVAC included in-application user self-help guide upgrades; optimization of storm surge explorer tool; enhancement of reports functionality; and improvements to storm visualization tools. 14 HURREVAC trainings were held with over 2,000 users trained and an annual HURREVAC webinar series was conducted with over 2,000 participants and over 2,000 views on the HURREVAC YouTube channel. The ICCOH annual meeting was held virtually with over 168 emergency managers attending. Completed Alabama/Mississippi Hazards and Vulnerability Analyses; Southwest Louisiana Vulnerability Analysis; HURREVAC O&M Option Year 4 (\$895,000); and new HURREVAC Operations, Maintenance, and Development contract (\$1,100,000 base-year).

FY2023 Scheduled Work: Execute up to 20 HURREVAC trainings (in-person and virtual) and 10 user training HURREVAC modules; in-person ICCOH annual meeting and summary report; Georgia, Alabama, and Mississippi HES Behavioral, Shelter and Transportation Analyses; Hawaii HES Hazards Analysis; New York HES Hazards Analysis, Southeast Texas HES Hazards Analysis; Behavioral Analysis Pilot Study in Louisiana; HURREVAC (O&M); Transportation Modeling Upgrades; and HES Modernization Guidance.

For more information contact Brian Choate, (912) 652-5375, or by email at brian.c.choate@usace.army.mil.

National Hurricane Program Hurricane Evacuation Study Areas



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