



A NEW GENERATION OF DECISION SUPPORT VISUALIZATIONS FOR WATER PREDICTION SERVICES

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OWP | OFFICE OF WATER PREDICTION

MOTIVATION


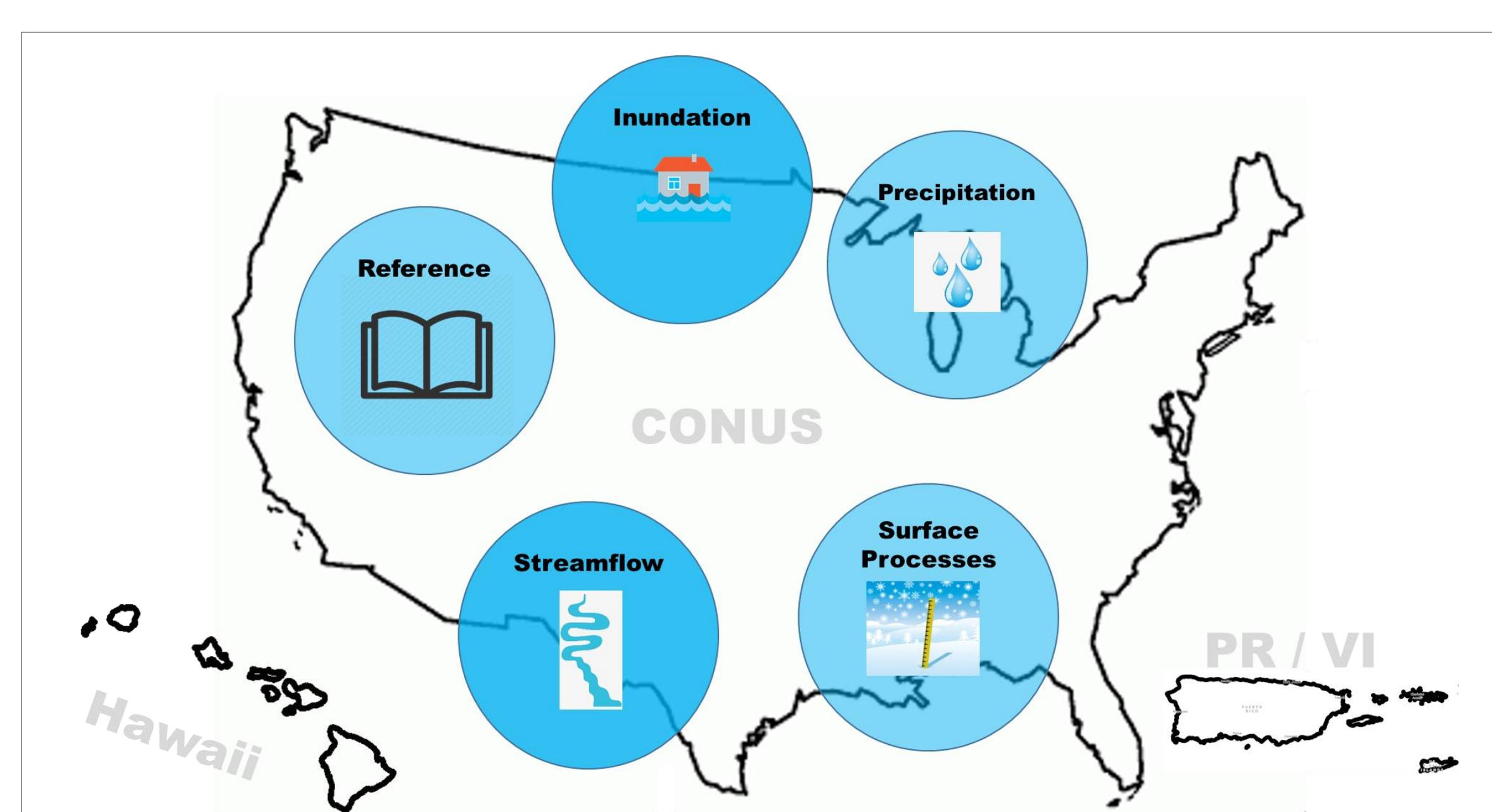
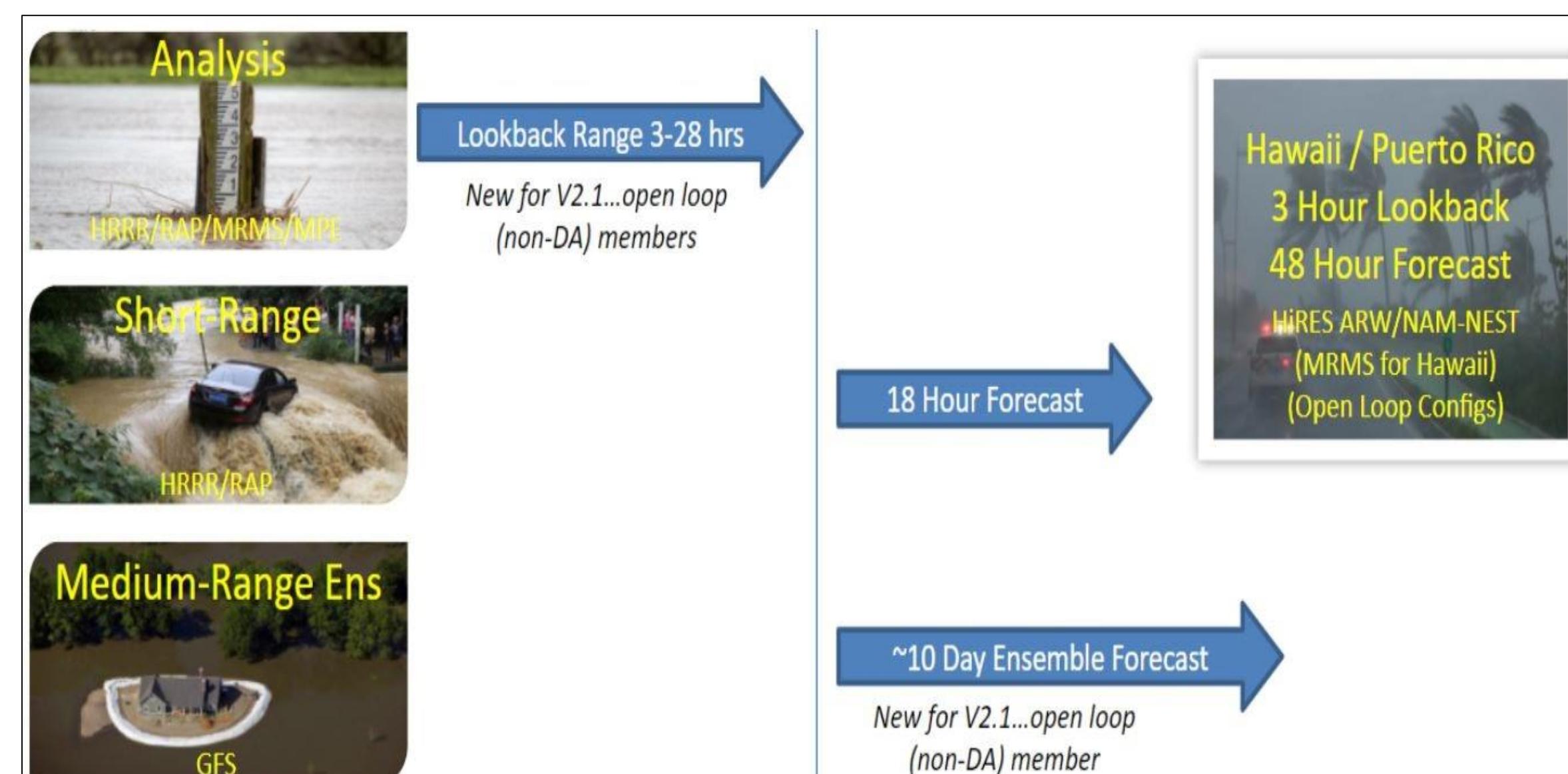
The choices made before and during extreme weather events with a significant hydrologic response are likely to be highly consequential as events may result in lost lives and significant economic impacts - a single flood or drought event can exceed \$1 billion in losses.



Water running over roads in Dickson County, TN on March 28, 2021
(Tennessee City Volunteer Fire Department photo)

VISUALIZATION SOLUTIONS

The suite of over 60 visualizations being developed at the National Water Center addresses this need for actionable information. Output from the National Water Model (NWM) is transformed into water prediction services, supporting decisions taken by state and local officials.



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