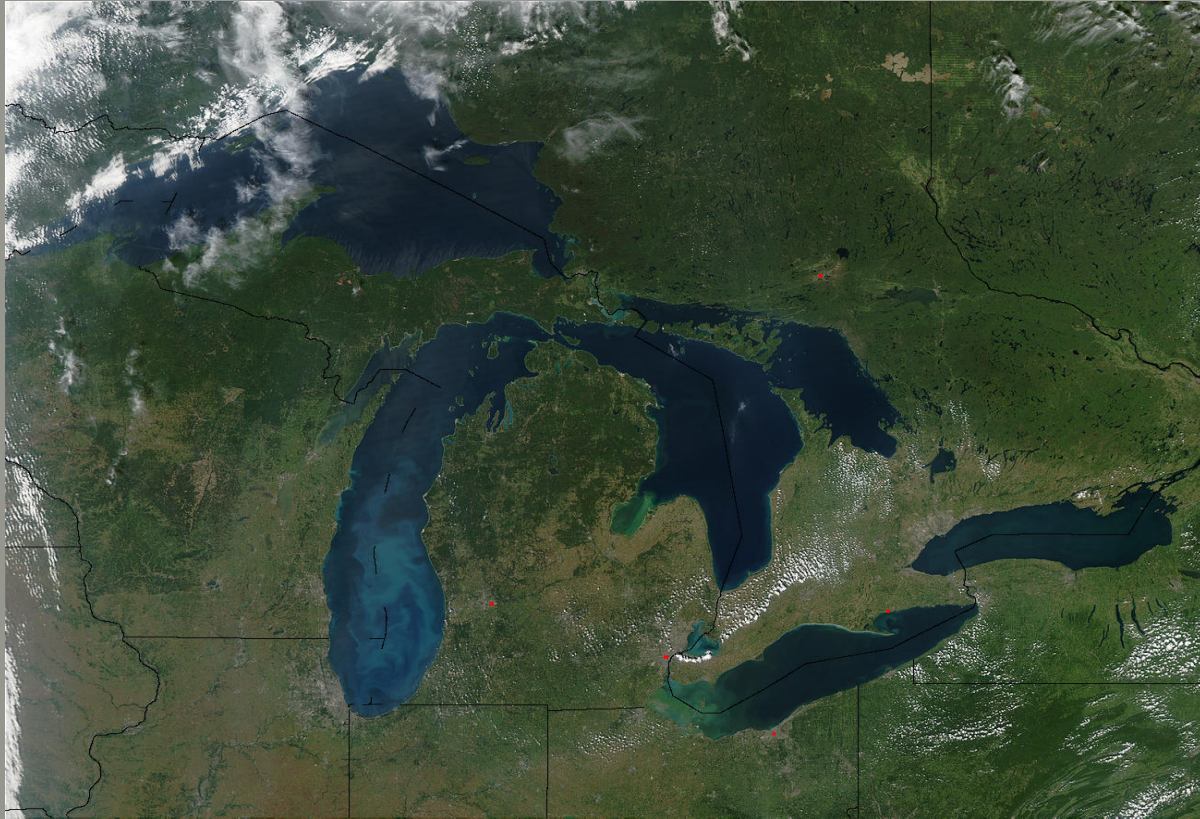


Building Resiliency



"The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."

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Resiliency Drivers

- Our environment is constantly changing and we are far more connected now than we have ever been in the past
- The severity and frequency of natural disasters seems to be increasing ; resiliency protects against these growing risks
- Resilience = Readiness and Readiness = Resilience

Resilience is all about how you think – it's a culture

Principles of Resilience

- We apply resilience thinking through **four principles** that spring from the following **definition of resilience** as:
“the ability to anticipate, **prepare** for, and **adapt** to *changing conditions* and **withstand, respond to,** and **recover** rapidly from *disruptions*.”
- The **PARA principles** capture the lifecycle of actions that frame our actions as those actions that build resilience.



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Innovative and Resilient Solutions Through Resilient Partners

- FRM Projects and McCook Reservoir (MWRD, Cook County, City of Chicago)
- *Asian Carp and Invasive Species (Infrastructure, Protocols, Monitoring)– Keeping AIS out of the Great Lakes (EPA, DNR, FWS, COMED, USCG)*
- *Great Lake Coastal Resiliency (NOAA, USGS, USEPA, FEMA, GL States, GLC, Coast States Organization)*



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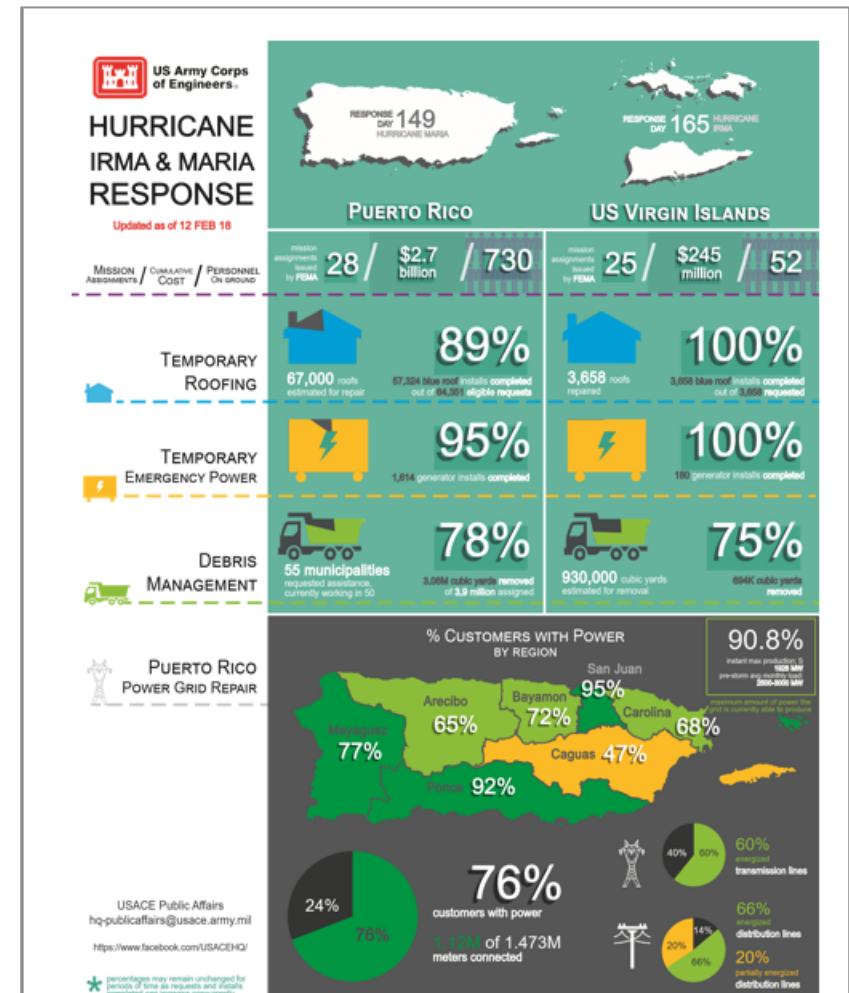


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Forward Thinking

- When and where will be the next Maria, Irma, Harvey? Are we better prepared now than before?
- Is there enough money, time, people to find the best and most resilient solutions?



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