

USDA Forest Service

URBAN FOREST CONNECTIONS

webinar series

Second Wednesdays | 1:00 – 2:15 pm ET

www.fs.fed.us/research/urban-webinars



GREEN READINESS, RESPONSE, AND RECOVERY: STEWARDSHIP OF NATURAL RESOURCES IN THE CONTEXT OF DISTURBANCE



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Urban Forest Connections Webinar

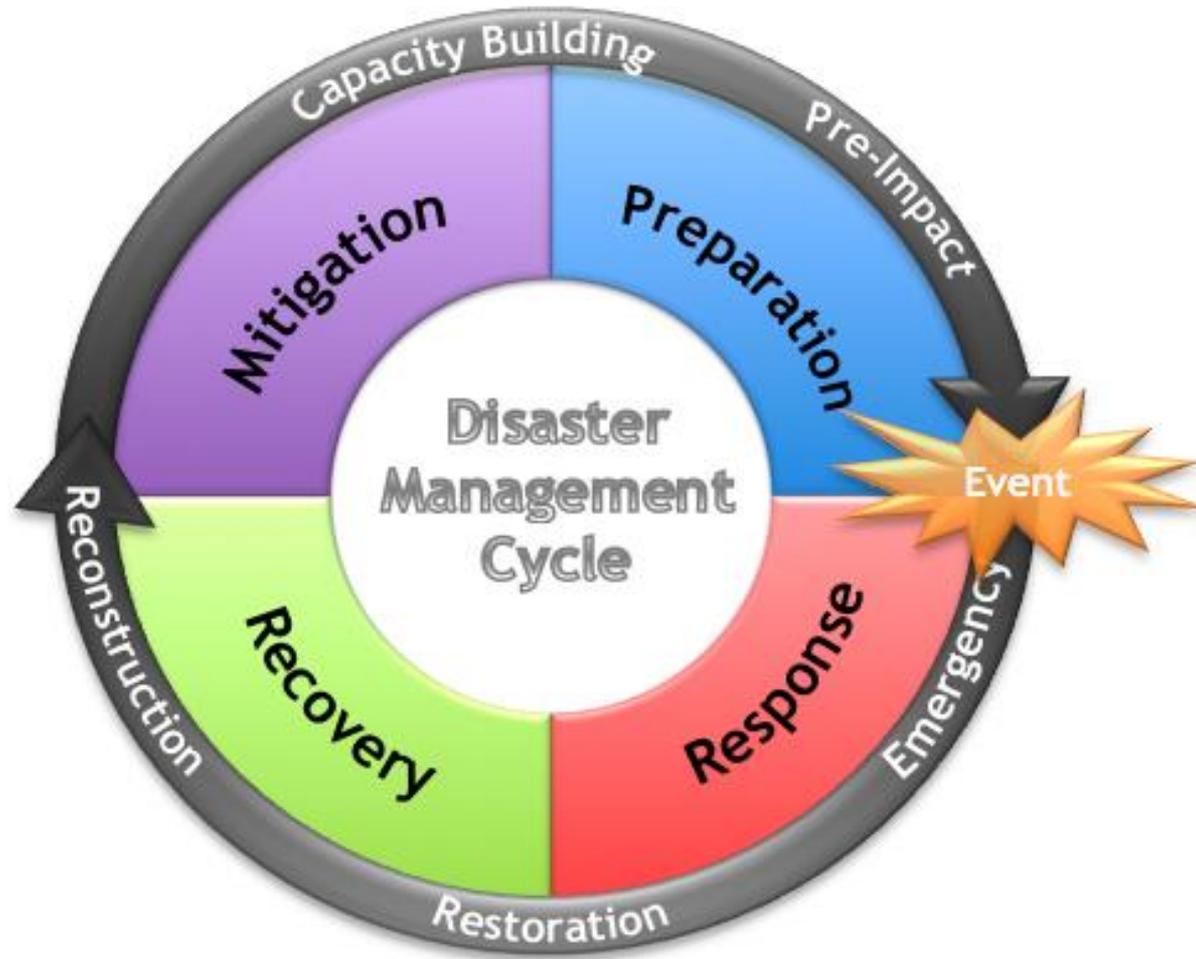
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Disaster Cycle



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National Disaster Recovery Framework (NDRF)

- Published in 2011 to provide a framework for a coordinated Federal approach to disaster recovery that supports states, tribes, and local communities based on their identified recovery goals and outcomes



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Recovery Support Functions

- Community Planning and Capacity Building (CPCB) - FEMA
- Economic Recovery – Dept. of Commerce/EDA
- Health & Social Services – Health & Human Services
- Housing - HUD
- Infrastructure Systems - USACE
- Natural & Cultural Resources – Dept. of Interior



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NDRF Activation Process

- Who needs to be here

Advance Evaluation –

Determines what capabilities have exceeded at the state, tribal, or local capacity

- What do they need to do

Mission Scoping Assessment -

Identifies relevant recovery needs and issues

- How are they going to do it

Recovery Support Strategy -

Outlines the delivery of technical assistance or funding support to states/local governments and the non-profit sector



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How can the CPCB RSF support?

Supports local communities, states, and tribal nations with:

- Recovery Planning Technical Assistance
- Leadership Development Workshops
- Financial Management Trainings
- Community Engagement Support
- **Federal Program Coordination**
- **Modified Federal Technical Assistance**
- **Peer- to-Peer Support**



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Funding Mechanisms

- Mission Assignments - Federal Operations Support
- Interagency Agreements
- Interagency Reimbursable Work Agreement
- Contract Support
- Invitational Travel
- Direct Staff Support



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Ecosystem Services Valuation - Sandy

Ecosystem goods and services are the benefits we receive from nature — clean air and water, fertile soil, natural flood controls etc.

Assigning an economic value to these benefits can be difficult due to their quantitative nature, lack of market value, and other location specific factors.



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Ecosystem Services Valuation - Sandy

Project Team:

EPA, FEMA, New York State Department of State,
Suffolk County, Nassau County

Project Goals:

- An inventory of locally relevant ecosystem services
- A methodology for how to include the data derived from this research into other planning tools and other long term recovery efforts
- Long Island specific information incorporated into EPA EnviroAtlas

Project Funding: Mission Assignment, Interagency Agreement



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Heritage Tree Mapping – Irma/Maria

Heritage trees are trees with an ecological or historical significance or trees that are locally significant due to their physical attributes. They are local designated.



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Heritage Tree Mapping – Irma/Maria

Project Team:

DOI/National Parks Service, FEMA, Virgin Islands Waste Management Agency

Project Goals:

- Identify publicly owned heritage hardwoods
- GIS Map heritage hardwood trees
- Share GIS data with other stakeholders like local power utility
- Develop agreements to share damaged woods with schools and local craftsmen in the event of another storm

Project Funding: Mission Assignment, technical assistance



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Food Security – Irma/Maria

Food Secure communities have consistent, stable, and affordable access to nutritious foods.

Food insecure community are particularly vulnerable post-disaster.



FEMA



Food Security – Irma/Maria

Project Team:

USDA – Rural Development, University of the Virgin Islands,
Iowa State University

Project Goals:

- Conduct a Territory-wide food system assessment
- Host two workshops for local leaders on resilient food systems
- Develop disaster best practices and resilience tool for producers in the USVI

Project Funding: Invitational Travel



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Community Land Trust – Kīlauea

A community land trust is a nonprofit organization that develops and maintains housing, commercial, industrial building or other community assets in order to maintain affordability, economic diversity or public access in perpetuity.



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Community Land Trust – Kīlauea

Project Team:

Hawai'i County, FEMA, Various Local and National Non-Profits

Project Goals:

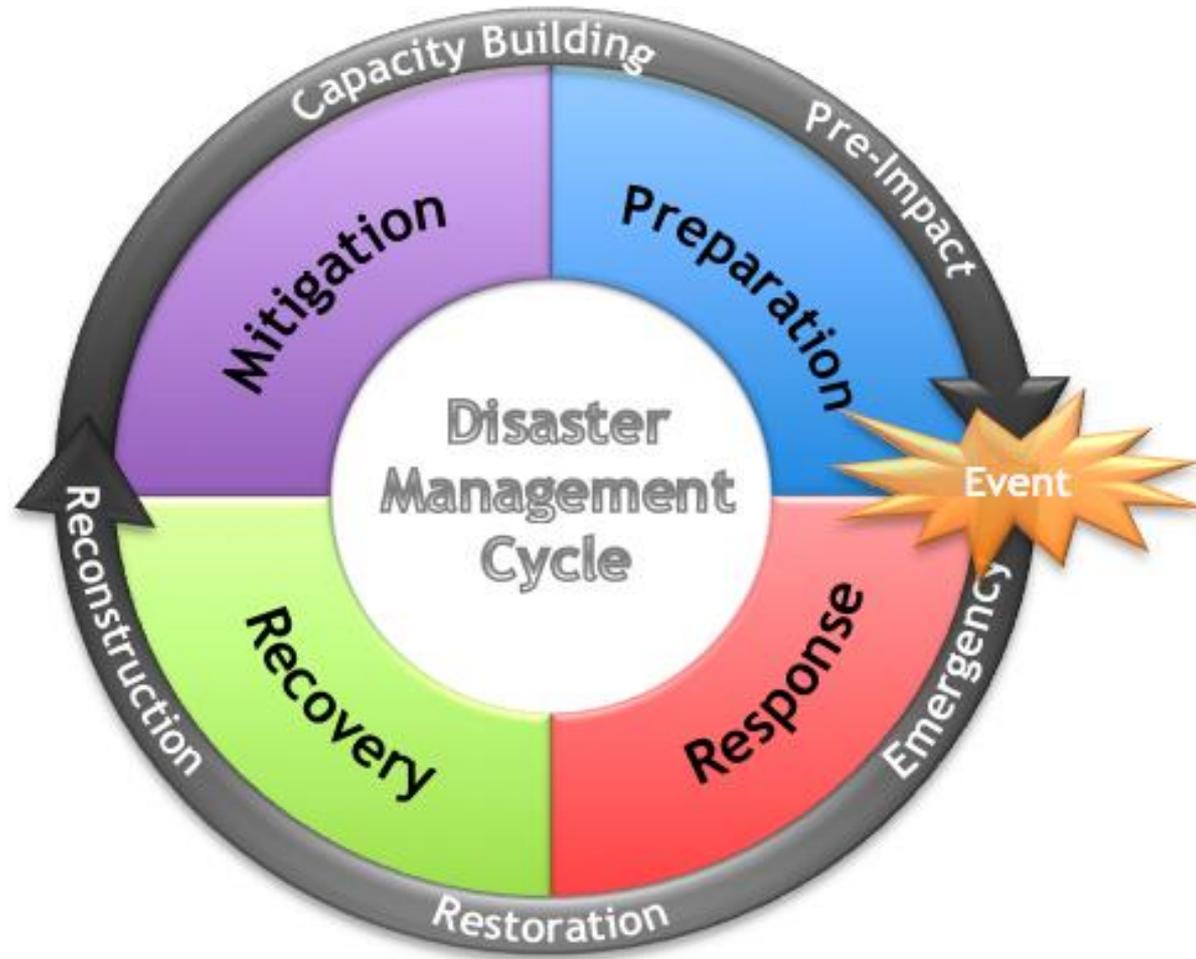
- Assist in the development of a Non-Profit Community Land Trust to retain affordable permanent housing for displaced Kilauea eruption survivors
- Federal Government has neutral role and is facilitating stakeholder meetings
- Provide data and analysis to support informed decision making from all parties

Project Funding: Direct Staff Support



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Disaster Cycle



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