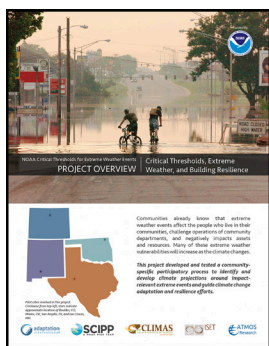




Climate Smart Hazard Planning



Critical Thresholds, Extreme Weather, and Building Resilience

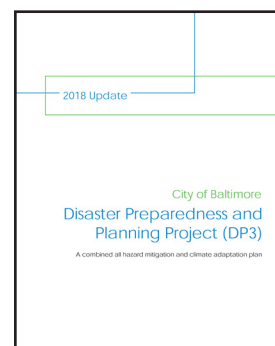
<http://www.adaptationinternational.com/success-stories>

This NOAA funded research project looking at the value of using community defined extreme weather thresholds to help make climate change both locally relevant and motivate action found that co-defining and using thresholds has the potential to broaden the discussion and provide an entry point to climate conversations. Successful co-production of actionable science, based on the extreme weather events thresholds concept, shows potential to bridge the gap between climate science and on-the-ground action to build resilience.

Baltimore Disaster Preparedness and Planning Project (DP3)

<https://www.baltimoresustainability.org/plans/disaster-preparedness-plan/>

Originally developed in 2013 and updated in 2018, the DP3 project was one of the first in the nation to full integrate climate change preparedness and hazard mitigation into a single planning effort. Utilizing some innovative community engagement techniques such as Resilience Hubs, Baltimore's effort brought many of the under-served and traditionally under-represented segments of the community into the planning process. It remains a model for integrating climate change and hazard mitigation and won the 2015 Prize for Progress from the American Society of Adaptation Professionals.



Lac du Flambeau Tribal Resilience Initiative

<http://www.adaptationinternational.com/success-stories>

In 2018, the Lac du Flambeau Band of the Lake Superior Chippewa Indians began a combined climate adaptation and hazard mitigation project. While funded by two separate grants, they collaborated with Adaptation International, GLISA, Bullock and Haddow, and ICLEI and merged the projects together in order to make the best use of community engagement and staff planning efforts. They also incorporated the locally specific climate projections into the hazard risk assessment process.

New FEMA pre-Disaster Mitigation Funding

<https://www.fema.gov/pre-disaster-mitigation-grant-program>

Starting in 2020, recent changes to the pre-disaster mitigation funding program will mean that FEMA will be providing \$400 million to \$600 million a year in funding to expand the program and invest in projects that build the resilience of communities across the country. This is a significant change from the \$50 million that has previously provided annually to support the development of pre-hazard mitigation plans.



FEMA



Examples of Integrating Hazard Mitigation and Climate Change Adaptation Plans

Massachusetts State Hazard Mitigation and Climate Adaptation Plan (2018)

<https://www.mass.gov/service-details/massachusetts-integrated-state-hazard-mitigation-and-climate-adaptation-plan>

Delaware City Hazard Mitigation and Climate Adaptation Action Plan (2014)

https://delawarecity.delaware.gov/files/2014/12/Delaware-City-Hazard-Climate-Action-Plan_no-appendices_January-20141.pdf

City of Lewes Hazard Mitigation and Climate Adaptation Plan (2011)

https://mostcenter.org/sites/default/files/city_of_lewes_hazard_mitigation_climate_adaptation_action_plan.pdf

City of Santa Cruz Climate Adaptation Plan (2012)

<http://www.cityofsantacruz.com/home/showdocument?id=23644>

Snohomish County Multi-Jurisdictional Hazard Mitigation Plan (2015)

<https://cig.uw.edu/resources/tribal-vulnerability-assessment-resources/>

City of Seattle, WA

- The Seattle Hazard Identification & Vulnerability Analysis (2014)
<http://www.seattle.gov/Documents/Departments/Emergency/PlansOEM/SHIVA/SHIVAv6.3Final.pdf>
- Hazard Mitigation Plan (2014)
<http://www.seattle.gov/Documents/Departments/Emergency/PlansOEM/HazardMitigation/SeattleMitigationPlan.pdf>

City of Olympia, WA

- Hazard Mitigation Plan Annex (2016)
https://www.trpc.org/DocumentCenter/View/6152/ANNEX_Oly
- Thurston County Multi-Jurisdictional Hazard Mitigation Plan (2017)
<https://www.trpc.org/160/Hazards-Mitigation-Plan>
- Sea Level Rise Response Plan (2019)
<http://olympiawa.gov/city-utilities/storm-and-surface-water/sea-level-rise.aspx>

Other Relevant Resources

44CFR Part 201 - Mitigation Planning - <https://www.ecfr.gov/cgi-bin/text-idx?rgn=div5&node=44:1.0.1.4.53>

FEMA Hazard Mitigation Planning resources - <https://www.fema.gov/hazard-mitigation-planning>

Association of Bay Area Governments Resilience Program - Local Hazard Mitigation and Climate Adaptation Plans resources - http://resilience.abag.ca.gov/wp-content/documents/mitigation_adaptation/

44th Annual Natural Hazards Research and Applications Workshop - <https://hazards.colorado.edu/workshop/2019>

Get in-touch with the presenters

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