



Establishing the Tribal Mitigation Planning Framework

FEMA Region 10 🌐 Coffee Break Series
September 24, 2017

Brett Holt, FEMA Regional Mitigation Planning Program Manager
Aurora Lehr, FEMA Regional Tribal Liaison
Kathy Lynn, Coordinator, Pacific Northwest Tribal Climate Change Project
Amanda Siok, FEMA Mitigation Planner



Makah Nation

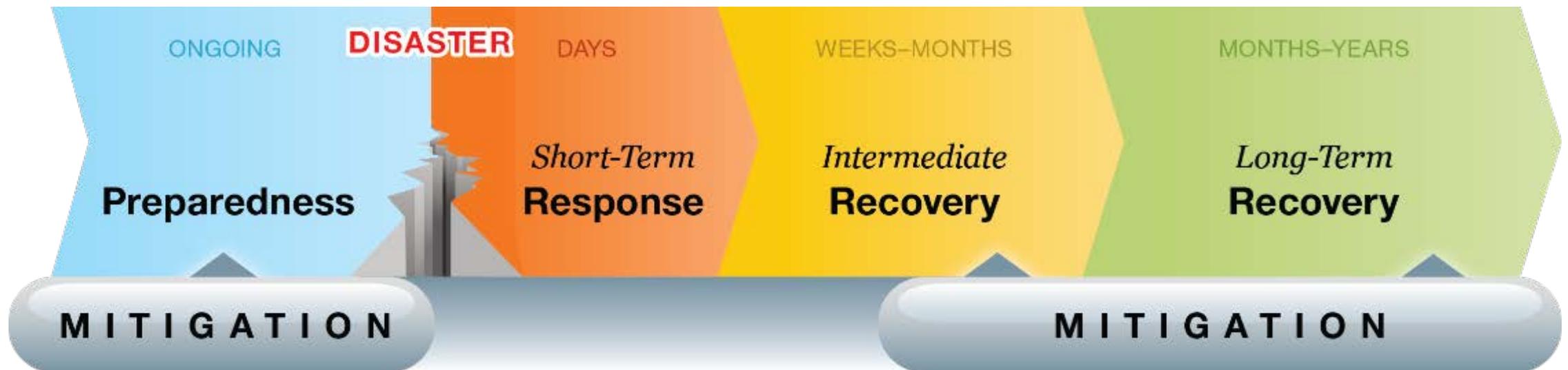
Review Learning Objectives

At the end of this webinar, participants will understand:

- 1. FEMA support to Tribal Nations**
- 2. Select tribal mitigation planning requirements**
- 3. FEMA programs supporting tribal mitigation**
- 4. How tribes are developing their respective mitigation planning framework**
- 5. Pacific Northwest Tribal Climate Change Project**

Mitigation

Mitigation is the reduction or elimination of long-term risk to human life and property from hazards



Emergency Management Activities

Mitigation Increases Resiliency



Poll #1

Are you involved in the development/update of a tribal mitigation plan?

1.Yes

2.No

3.Not sure

4.N/A

FEMA and Tribes

Aurora Lehr

Tribal Nations

- 567 Tribes and Alaska Native Villages, federally recognized
- Rural and urban locations
- Not all land-based
- Range from:
 - Predominantly traditional subsistence communities
 - to
 - Comprehensive commercial enterprises and governmental services in the communities
- Economical stability, from at-risk to thriving

	No. of Tribes	% of Tribes	% of Pop.*
Region 1	10	2%	1%
Region 2	8	1%	2%
Region 3	1	0%	0%
Region 4	6	1%	1%
Region 5	29	5%	6%
Region 6	68	12%	31%
Region 7	9	1%	1%
Region 8	28	5%	9%
Region 9	151	26%	29%
Region 10	271	47%	20%

* Population estimate based on BIA's 2013 American Indian Population and Labor Force Report, not a recognized statistics of tribal nations.

FEMA's Tribal Vision

Develop and strengthen relationships with tribal nations that are respectful of tribal sovereignty and supportive of tribal emergency management.

Priorities

- **Establish consistent FEMA-to-tribe protocols to enhance collaboration and coordination.**
- **Increase tribal nations' access to FEMA personnel and programs to expand emergency management capabilities and the capacity to build resiliency.**
- **Engage tribal nations on the options and the responsibilities to request and manage Stafford Act declarations.**

FEMA Region 10 Tribal Affairs

What is the role of Regional Tribal Affairs?

- Strengthen relationships (short- and long-term) with tribes and partners
- Advance readiness and training (for tribes and for FEMA staff working with tribes)
- Increase tribal access to FEMA programs and resources
- Facilitate effective consultations with tribal leadership

How do we do this?

- Steady State: office visits, program briefings, training and technical assistance coordination, updates about ongoing activities
- Disasters: immediate and regular updates, special events (tours, town hall meetings), coordinate with partners

List of FEMA Tribal Liaisons: <https://www.fema.gov/contact-fema-tribal-liaisons>

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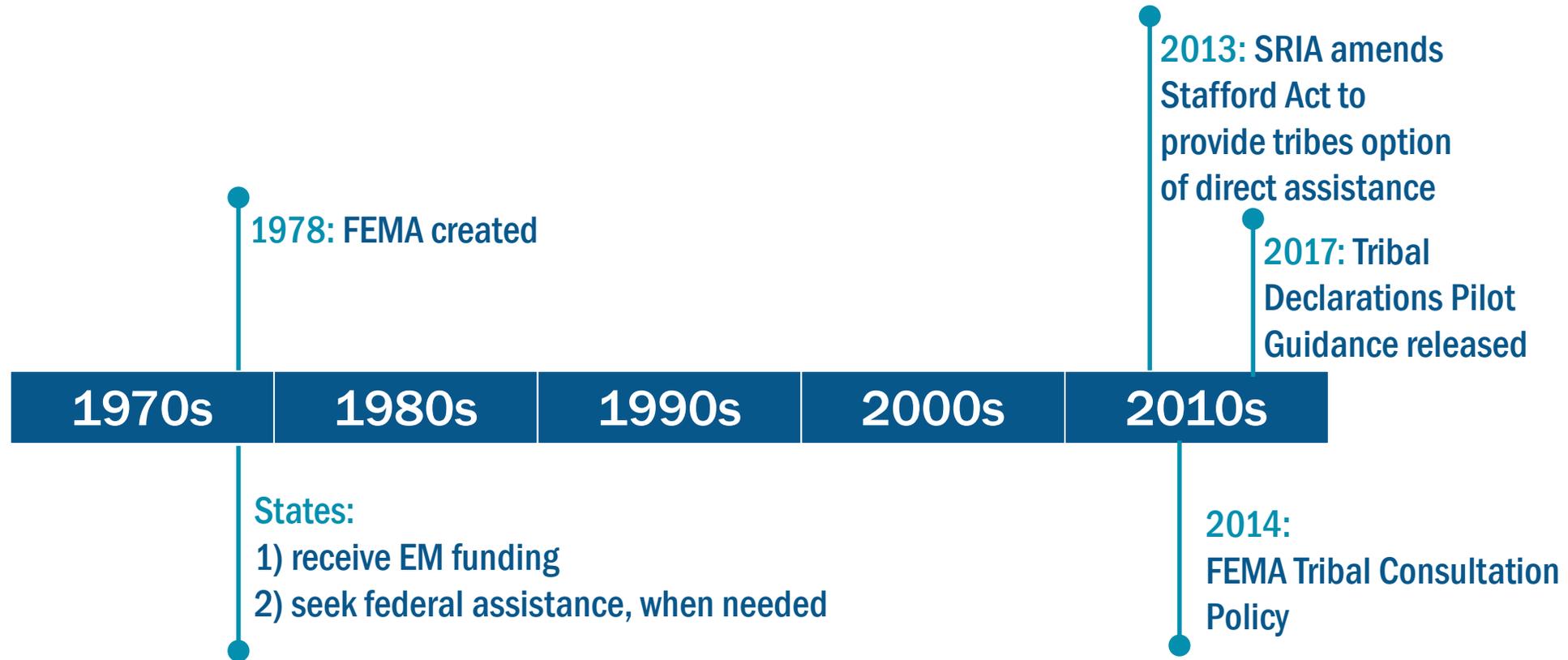
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Timeline of Emergency Management Engagement with States and Tribal Nations



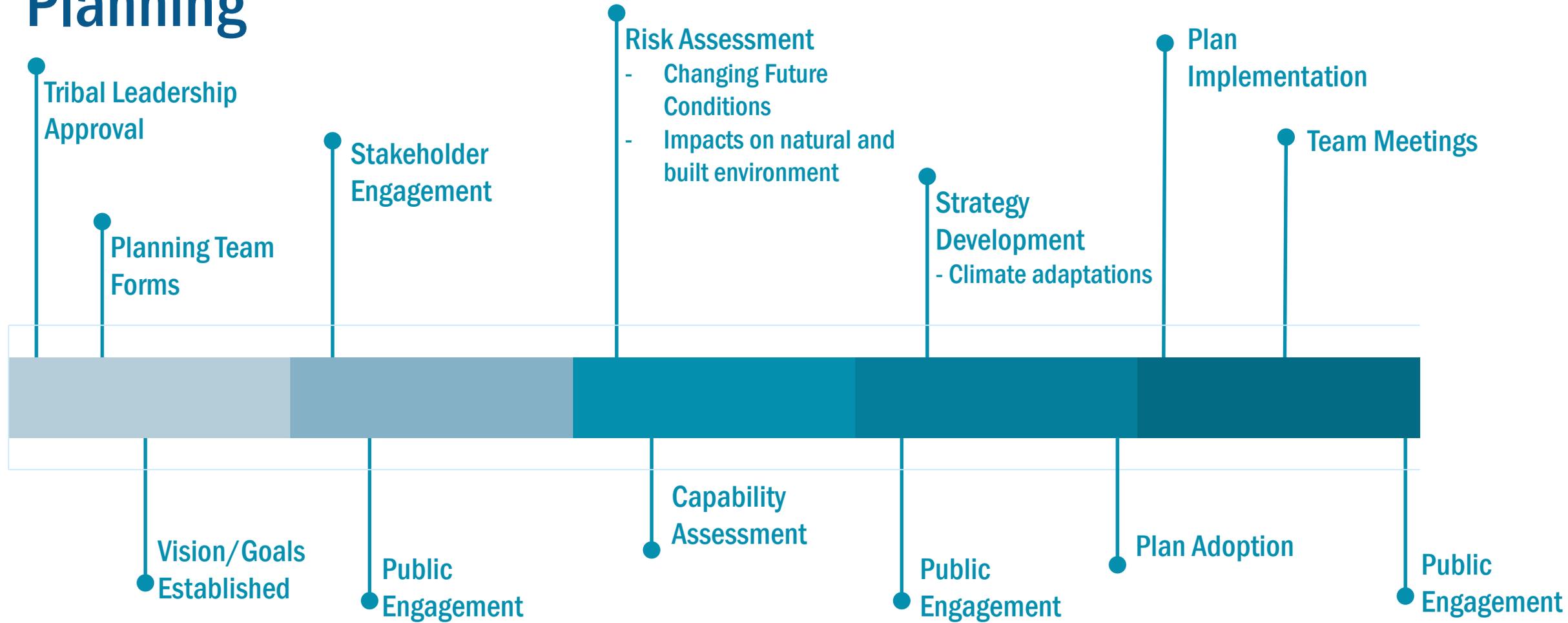
Tribal Emergency Management

- Formalized EM is relatively new to many tribes
- Lack of consistent funding from tribal or federal sources
- Participation in National Flood Insurance Program (NFIP) and Community Rating System (CRS)
- Development of approved Tribal Hazard Mitigation Plans
- Participation in Homeland Security Grants / THIRAs



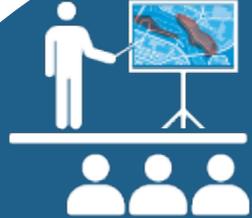
Mitigation Planning

Mitigation Planning Process – Similar to Local Mitigation Planning



Benefits of Mitigation Planning for Tribal Governments

Aligns Risk Reduction with Tribal Priorities



A Community-Driven, Living Document



- Self-Determination
- Funding Eligibility

Increases Awareness of Hazards and Risk



Identifies Financially and Culturally Feasible Actions for Risk Reduction



Promotes Partnership Building

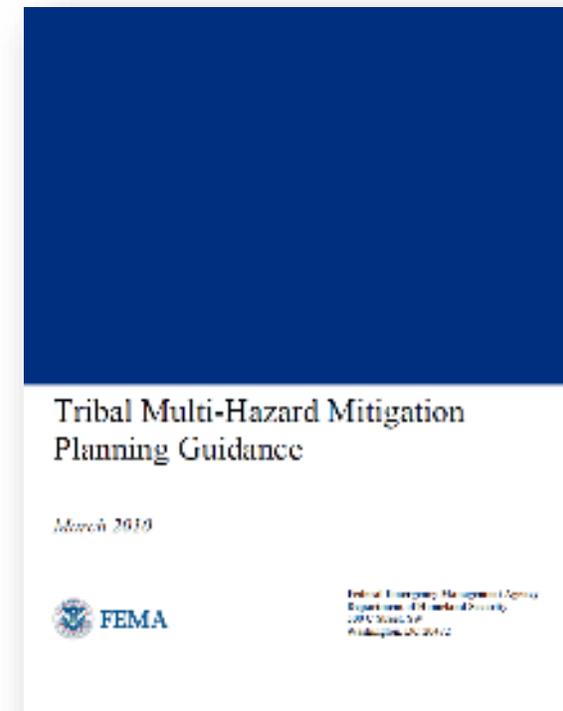


Focuses Resources on What is at Risk



Federal Planning Requirements

- **Disaster Mitigation Act of 2000**
 - Establishes eligibility for FEMA Hazard Mitigation Assistance (HMA)
 - Requires Tribal, State, and local governments to submit plans to FEMA for review
- **Title 44 Code of Federal Regulations (CFR) 201.7**
 - Publishes requirements for approval of a Tribal mitigation plan
- **Requires mitigation plan approved by FEMA for mitigation grant eligibility**
- **Requires plan update every five years**



Mitigation Plan Requirement for FEMA Grants

FEMA Assistance Program		Is a Mitigation Plan Required?	
		Tribal Applicant to FEMA	Tribal Sub-applicant through State
<u>Individual Assistance (IA)</u>		No	No
<u>Public Assistance (PA)</u>	Categories A and B (e.g., debris removal, emergency protective measures)	No	No
	Categories C through G (e.g., repairs to damaged infrastructure, publically owned buildings)	Yes	No
<u>Fire Mitigation Assistance Grants (FMAG)</u>		Yes	No
<u>Hazard Mitigation Grant Program (HMGP)</u>	Planning grant	Yes	No
	Project grant	Yes	Yes
<u>Pre-Disaster Mitigation (PDM)</u>	Planning grant	No	No
	Project grant	Yes	Yes
<u>Flood Mitigation Assistance (FMA)</u>	Planning grant	Yes	No
	Project grant	Yes	Yes

Updated Tribal Mitigation Planning Guidance

- Final Review – release Fall 2017
- High-Level Changes
 - Focus the policy on requirements
 - Introduce Guiding Principles
 - Clarify the probability of future hazard events
 - Interpret enhanced plan requirements for tribes
 - Document submission and review procedures
 - Updated plan review tool
- Webinars



Tribal Mitigation Plan Review Guide DRAFT

June 2017



Tribal Mitigation Planning Requirements (Select)

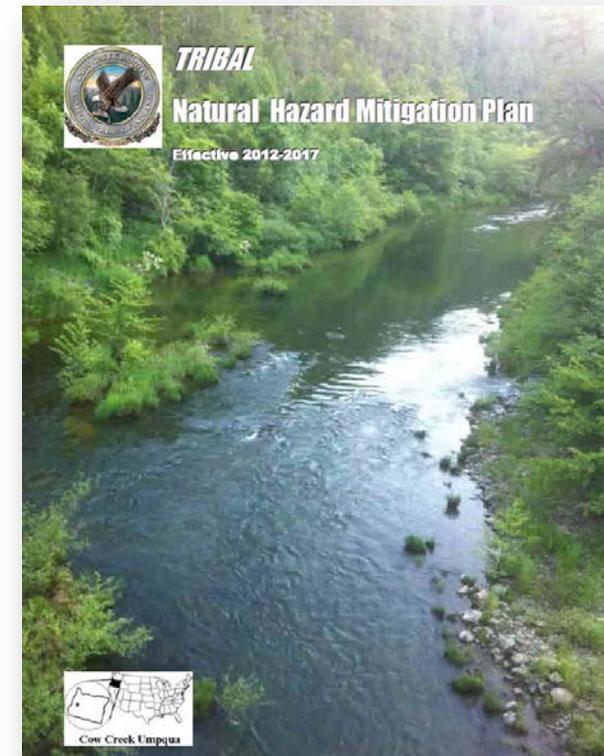
- **Goals**
- **Establishing the Planning Area**
- **Planning Teams**
- **Define the Public**
- **Capabilities**
- **Vulnerability Assessment**
- **Monitoring**

Goals

Requirement 201.7(c)(3)(i): [The mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

The Tribe intends to stay true to its Mission Statement while accomplishing the following goals in developing its Plan:

- to protect its people, property, natural environment, natural resources and economic vitality while upholding its sovereignty, identity and self-governance;
- to identify and recommend future projects and programs for the Tribe that, upon implementation, would eliminate, reduce or otherwise mitigate the vulnerability of the Tribe's people, property, natural resources and economic vitality which may result from impacts of future disasters;
- to guide future economic planning and development to include natural hazard risk assessment as a component of future economic planning and development; and
- to promote a disaster resilient community.



Establishing the Planning Area

Requirement 201.7(c)(2)(i): [The risk assessment **shall** include a] description of the type ... of all natural hazards that can affect the tribal planning area.

1. What geographic area will it cover?

- Tribal Lands (reservation, trust land, non-Indian fee lands)

2. What jurisdictions will participate?

- Single Tribal Mitigation Plan
 - Standard
 - Enhanced
- Multi-jurisdictional Local / Tribal Mitigation Plan

Establishing the Planning Area

Requirement 201.7(c)(2)(i): [The risk assessment shall include a] description of the type ... of all natural hazards that can affect the tribal planning area.

“This hazard mitigation plan is a single-jurisdiction plan covering the entire Reservation and areas defined as having cultural and historic significance to the Tribe. This includes all of the people, property, infrastructure and natural environment within the boundaries of the Makah Reservation—as established by the Treaty of Neah Bay (January 31, 1855, by Proclamation dated April 18, 1859; see Appendix B)—and also any property owned by the Makah Nation outside this area, such as the Makah Nation’s Usual and Accustomed Fishing Areas as determined in *United States of America et. al., Plaintiffs, vs. State of Washington, et al., Defendants.*”

- Makah Nation

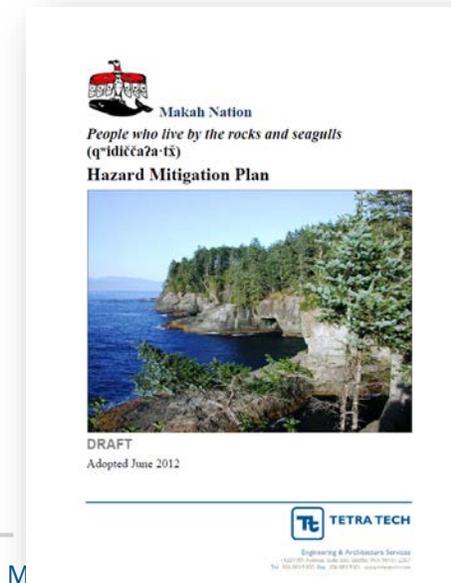


Figure 2-1. Makah Nation Planning Area

Establishing the Planning Area

City of Eagle
Native Village of Eagle
DRAFT Hazard Mitigation Plan



Prepared Jointly by
The City & Village of Eagle
Hazard Mitigation Planning Team
May 2014

SKAGIT COUNTY NATURAL HAZARD MITIGATION PLAN

A multi-jurisdictional plan developed for the benefit of all governmental jurisdictions within Skagit County, as well as the Samish Indian Nation, the Swinomish Indian Tribal Community and the Upper Skagit Indian Tribe



Skagit County Natural Hazard Mitigation Plan

1



Shoshone Bannock Tribes All Hazard Mitigation Plan

July 2014

Poll #2

What stakeholders do you involve in the tribal mitigation planning process? (Multiple choice)

- Tribal Leaders
- Community Planners
- Engineering
- Public Works
- Emergency Managers
- Health specialists
- Natural Resources specialists
- Housing Authority
- Fire officials
- Police officials
- Tribal Members (public)
- Adjacent counties/cities
- Other tribes
- Business Owners
- Academic Institutions
- Non-profit Organizations
- Federal agencies
- State agencies

Planning Committee

Requirement 201.7(c)(1): [The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was defined and involved.

- Tribal Council
- Tribal Elders
- Natural Resource Specialists
- Community Planners
- Public works/Engineering Staff
- Emergency Managers
- Elected and Executive Officials
- Floodplain Administrator
- Fire Specialists
- Community Members
- Housing Authorities
- Public Information Officer
- Public Health
- Building Department/Code Enforcement
- Business Leaders

Planning Committee

Name
Mila Bernethy, Housing Manager and Emergency Management Director* ^a
Maria Lopez, Tribal Councilwoman* ^b
Bob Smith, Public Works Director*
Kelly Rosales, Council Member
Phil Dreher, Council Member
Steve Allison, Natural Resources Director*
Warren Scarlett, Water Quality
Bob Howell, Timber, Fisheries & Wildlife
Joe Gilbertson, Manager/Biologist
Ernie Penn, Fish & Wildlife
Lorraine Cress
Herb Westmoreland, BIA



Hob Indian Tribe
Chai'wat: People of the Hob River
 Hazard Mitigation Plan



December 2011



Engineering & Architecture Services
 142155 Avenue, Suite 400, Seattle, WA 98144-1421
 Tel: 206.461.0100 Fax: 206.461.0101 www.tetrattech.com

Table 2-1 Hazard Mitigation Planning Team

Name	Title	Organization	Key Input
March Runner	Administrator	Louden	Planning Team Lead, HMP review.
Jenny Pelkola	First Chief	Louden	Planning Team Member, data input and HMP review.
Erica L. Frankson	Second Chief	Louden	Planning Team Member, data input and HMP review.
Harriet C. Carlo	Council Member	Louden	Planning Team Member, data input and HMP review.
Marjorie Attla	Council Member	Louden	Planning Team Member, data input and HMP review
Jennal Burgett	Council Member	Louden	Planning Team Member, data input and HMP review
Joyce Huntington	Council Member	Louden	Planning Team Member, data input a
Scott Nelsen	Mitigation Planner	Alaska DHS&EM	P
Ann Gravier	Mitigation Officer	Alaska DHS&EM	T
Brent Nichols	HMGP Manager	Alaska DHS&EM	T

Louden Tribal Council, Alaska
 Hazard Mitigation Plan



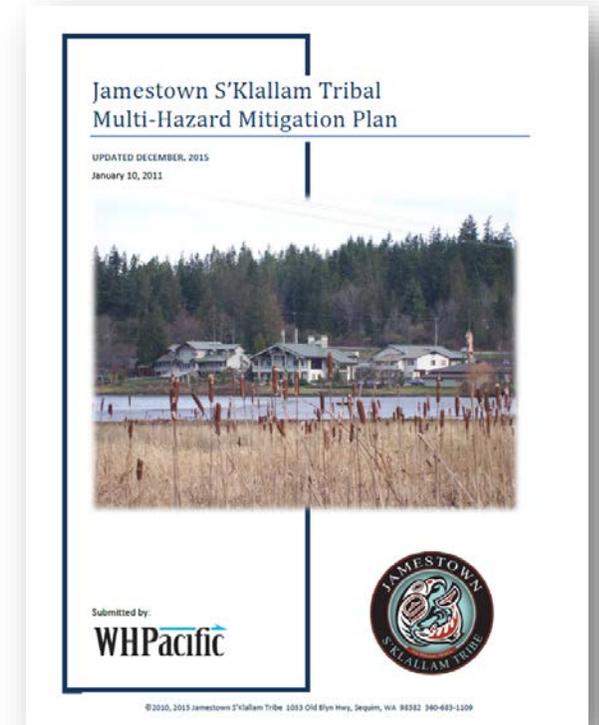
Galena Flood, June 4, 2013
 September 10, 2014
 Prepared by: Louden Tribal Council

Define the Public

Requirement 201.7(c)(1): [The plan shall document] the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how the public was defined and involved.

- “Public” is sometimes defined as including only tribal membership, or it might also be identified as those living on tribal land or in the tribal service area.

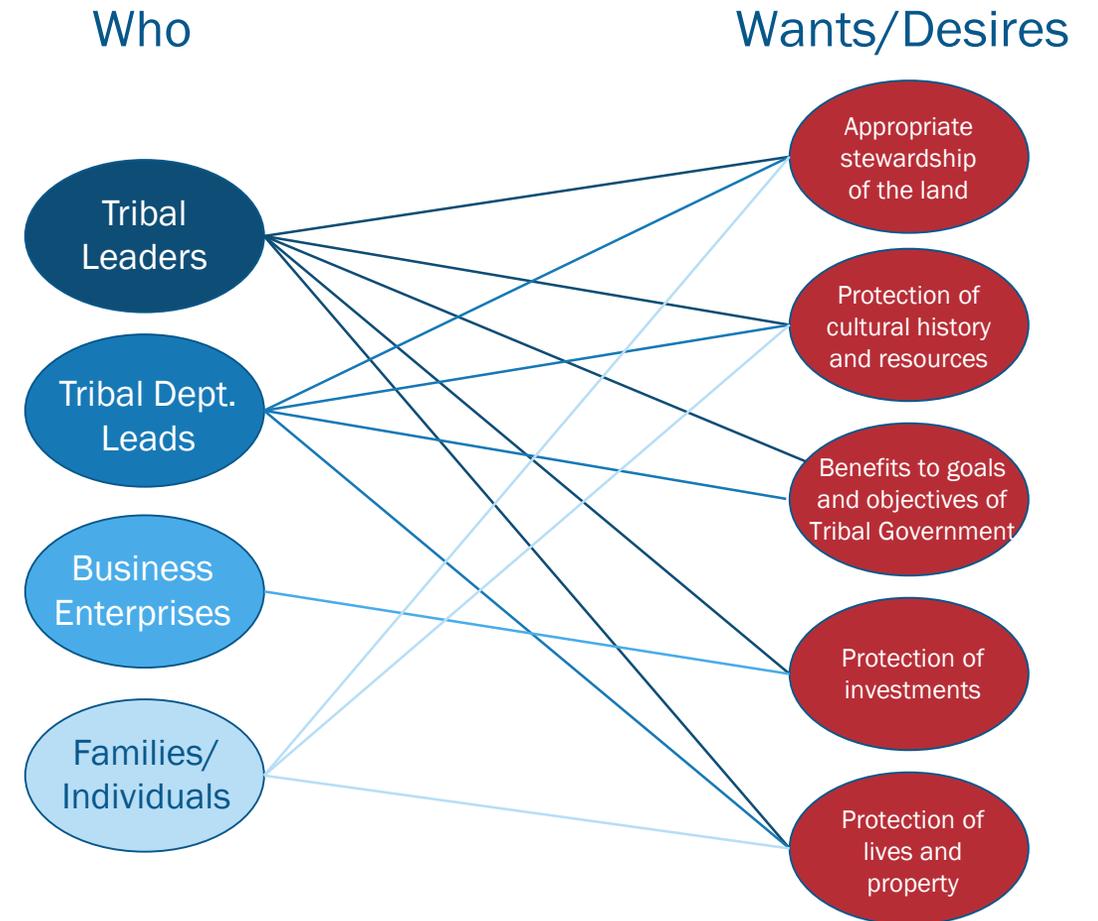
Input into the Jamestown S’Klallam Tribe’s MHMP was solicited from Tribal citizens and non-Tribal citizens alike. Although emphasis in outreach was naturally on the Tribe, the “public” is considered in the plan to be all interested parties and not only the Tribal citizens.



Public Engagement and Messaging



Quinault Indian Nation Mitigation Planning Workshops



Capability Assessment

1. Planning and Regulatory

- Natural or cultural resource conservation plans, floodplain management ordinances, and building codes.
- Emergency Operations Plans
- Long-term Recovery Plans

2. Administrative and Technical

- Grants Manager
- Emergency Manager
- Civil Engineer

3. Financial

- Local business revenues (gaming revenue, enterprise revenues)
- Fees from festivals, campsites, and/or recreational areas
- Capital improvements funding

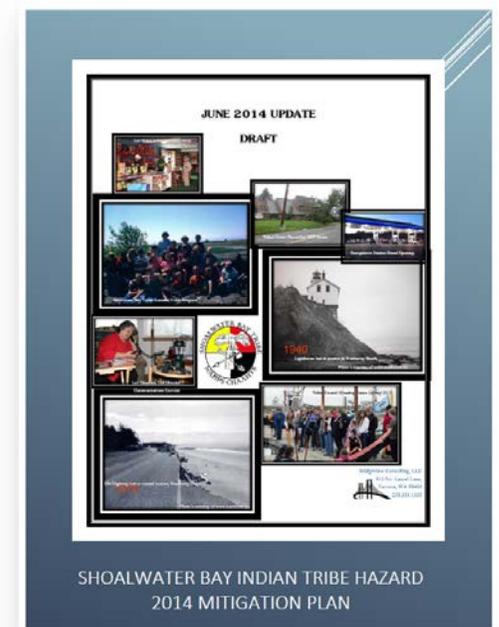
4. Education and Outreach

- Firewise
- Tsunami Ready

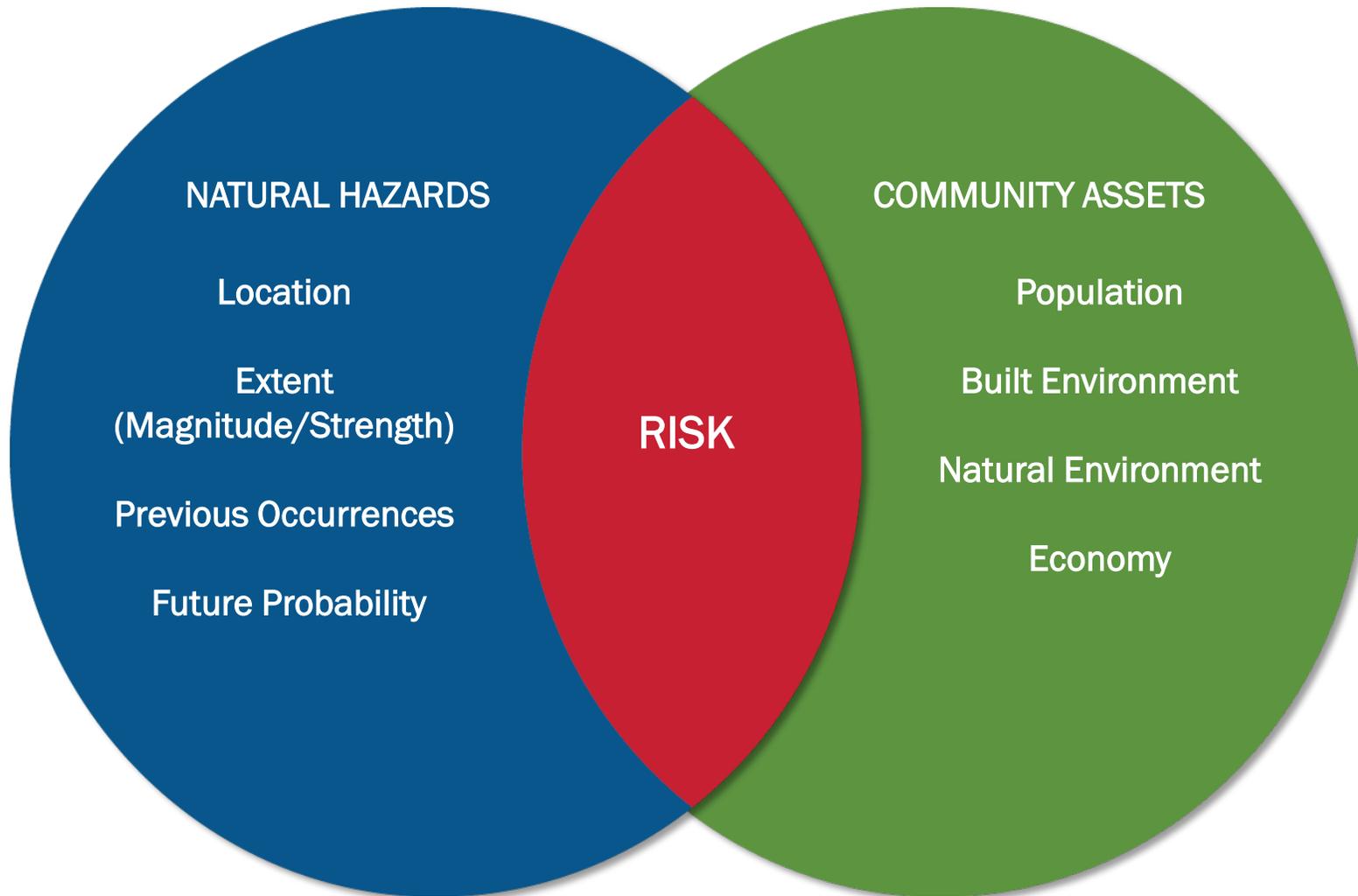
Requirement 201.7(c)(3)(iv): [The mitigation strategy shall include a] discussion of the Indian Tribal government's pre- and post-disaster hazard management policies, programs, and capabilities to mitigate the hazards in the area, including: An evaluation of tribal laws, regulations, policies, and programs related to hazard mitigation as well as to development in hazard-prone areas; and a discussion of tribal funding capabilities for hazard mitigation projects.

Capability Assessment

ADMINISTRATIVE AND TECHNICAL CAPABILITY		
Staff/Personnel Resources	Available?	Department/Agency/Position
Planners, scientists or engineers with knowledge of land development and land management practices	Y	Land Use Planners (tribal and contracted), Environmental Planners (various types), Water Quality Assessors
Engineers or professionals trained in building or infrastructure construction practices	Y	The Tribe abides by Federal/County/State building codes. However, at present, it does not possess the manpower to staff an individual to inspect or enforce specific levels of construction practices
Planners or engineers with an understanding of natural hazards	Y	Land Use Planners, Environmental Planners (various types), Water and Air Quality Planners
Staff with training in benefit/cost analysis	Y	The Tribe does have the ability to conduct benefit-cost analysis through contracted personnel.
Floodplain Manager	N	At present, the Tribe is a member of the NFIP, but works under the Pacific County Floodplain Manager.
Surveyors (contracted)	Y	Surveyor list established.
Personnel skilled or trained in GIS applications	Y	The Tribe has GIS capabilities.
Scientist familiar with natural hazards in local area	Y	The Tribe has several departments which are specific to the impacts of natural hazards.
Emergency Manager	Y	The Tribe has various departments which include public safety components, including: emergency management (and CERT), law enforcement, and public health departments.
Grant Writers	Y	Several employees in various departments within Tribal Government are skilled grant writers. The Tribe also has the capabilities to contract this task out to various vendors.



Assess Existing and Future Vulnerabilities



*Requirement 201.7(c)(2)(ii): [The risk assessment **shall** include a] description of the Indian Tribal government's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description **shall** include an overall summary of each hazard and its impact on the tribe.*

Tribal Community Assets



People

Historical, Cultural, and Sacred Sites



Economy



Structures

Critical Facilities and Infrastructure

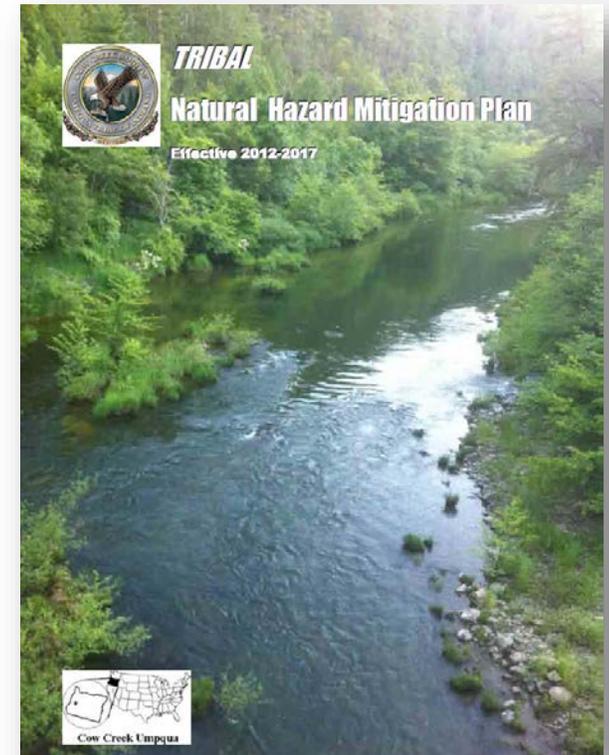


Natural Environment

Addressing Cultural Sites

For this Plan, specific cultural and historic sites were not identified or analyzed for hazard exposure and vulnerability, although certain locations, such as the 1853 Reservation site, Huckleberry Patch, South Umpqua Falls, family burial grounds and the Tiller Area, were mentioned during meetings and in the surveys as areas of concern.

The tribe's archeologist will continue to identify areas and locations of Tribal cultural and historic value and will identify, internally, any potential hazards exposure and vulnerability. In general, all historic and cultural sites are considered exposed and vulnerable to all of the hazards discussed in this Risk Assessment.



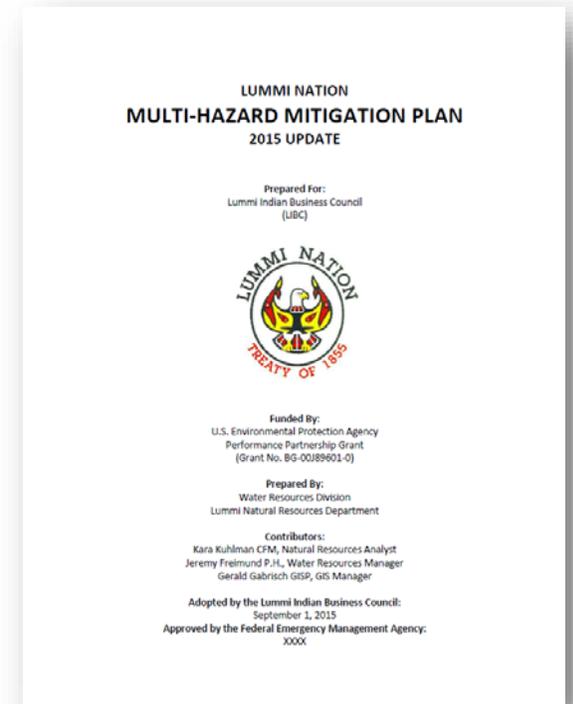
Project Monitoring

Requirement 201.7(c)(4)(ii): [The plan maintenance process shall include a] system for monitoring implementation of mitigation measures and project closeouts.

- The plan shall describe the system for tracking the implementation of the mitigation activities and projects identified in the mitigation strategy. This includes all mitigation activities, not just those funded by FEMA.
- The system shall include the following:
 - A schedule;
 - Department, agency or office responsible for coordination;
 - Role of the agencies/offices identified in the mitigation strategy as responsible for implementation of actions; and
 - Project closeout procedures.
- *An example of a system could include submittal of periodic reports, site visits, and invoices submitted by the persons responsible for implementing mitigation actions and/or project closeouts.*

Monitoring (Example)

The Lummi Water Resources Division (LWRD) served as the team coordinator and was the lead for applying for mitigation project grants, managing these grants, and providing information to the MHMT and General Council on project progress. For the three Pre-Disaster Mitigation-Competitive (PDM-C) project grants, the LWRD submitted the required quarterly financial and performance reports to FEMA through the e-Grants system.



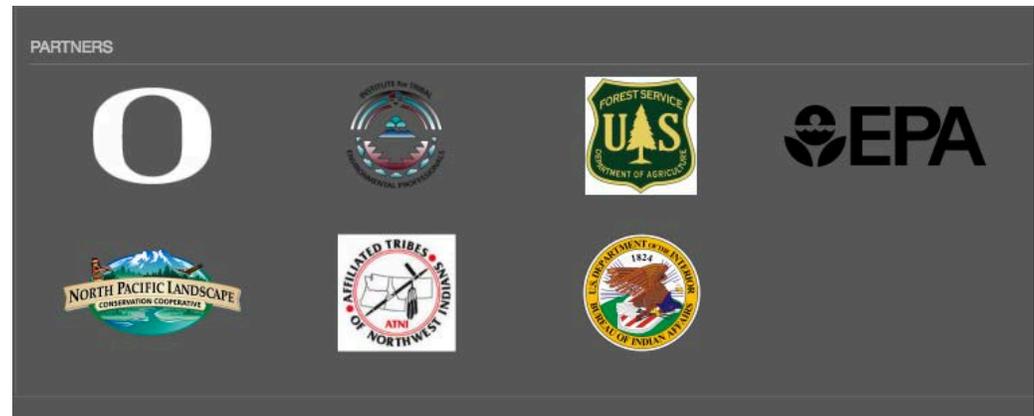
Pacific Northwest Tribal Climate Change Project

Kathy Lynn

Pacific Northwest Tribal Climate Change Project

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- Building an understanding the impacts of climate change on tribal culture and sovereignty and fostering opportunities for tribes to engage in regional and national climate initiatives.
- Pacific Northwest Tribal Climate Change Network:
 - ▣ Regular email bulletins with information on climate programs, policies and events
 - ▣ Monthly Network call on the third Wednesday of each month at 10 am Pacific.





Online Tribal Climate Change Guide

<http://tribalclimateguide.uoregon.edu/>

UNIVERSITY OF OREGON

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Tribal Climate Change Guide

The Tribal Climate Change Guide is part of the Pacific Northwest Tribal Climate Change Project. For more information, visit: <http://tribalclimate.uoregon.edu/>. If you would like to add to or amend information included in this guide, please complete this [google form](#). *If you have additions or suggestions for this website, please email kathy@uoregon.edu*

Funding
Tribal Adaptation Plans
Climate Programs
Tribal Profiles
Scientists
Publications
Climate Education
Disaster Resources
Climate Jobs
Events

Funding

The Tribal Climate Change Funding Guide is intended to provide up-to-date information on grants, programs and plans that may assist tribes in addressing climate change through a broad range of sectors. We will update this guide regularly, so please check back often. If you have questions or updates for this guide, email: kathy@uoregon.edu. Please note that for entries that are **accepting applications continuously**, the grant deadline column will list "12/31/2017" as the grant deadline. This ensures that those grants will appear immediately after those grants with a set deadline.

Search by Keyword

Geography

- Any - ▾

Title	Organization	Grant Deadline	Description	Category	Funding Amount	Geography	Website
TRIBAL WASTE MANAGEMENT CAPACITY BUILDING TRAINING GRANT	EPA	06/15/2017	This notice announces the availability of funds and solicits proposals from eligible entities that will provide training, peer-to-peer technical assistance and travel scholarships to federally-recognized tribes in support of waste management capacity building on tribal lands. The recipient will conduct three training courses that will assist tribes in the development and implementation of sustainable waste management programs. The training will focus on implementing an Integrated Waste Management Plan (IWMP) through waste diversion programs such as recycling, composting, et al. The training courses should include tribal speakers that have developed and implemented successful waste diversion programs. In addition, the recipient will offer travel scholarships to support the trainings as well as provide travel scholarships to financially assist tribes that voluntarily participate in the EPA's National Tribal Waste Management Peer Matching Program.	pollution, human hazard, sustainability, conservation, planning, policy, management, waste, sanitation, infrastructure	Up to \$200,000.	National	Link

What is the nexus between climate adaptation and disaster mitigation

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Climate Adaptation

- Climate Vulnerability Assessments
- Climate-related hazards
- Community engagement
- Adaptation Planning
- Implementation`

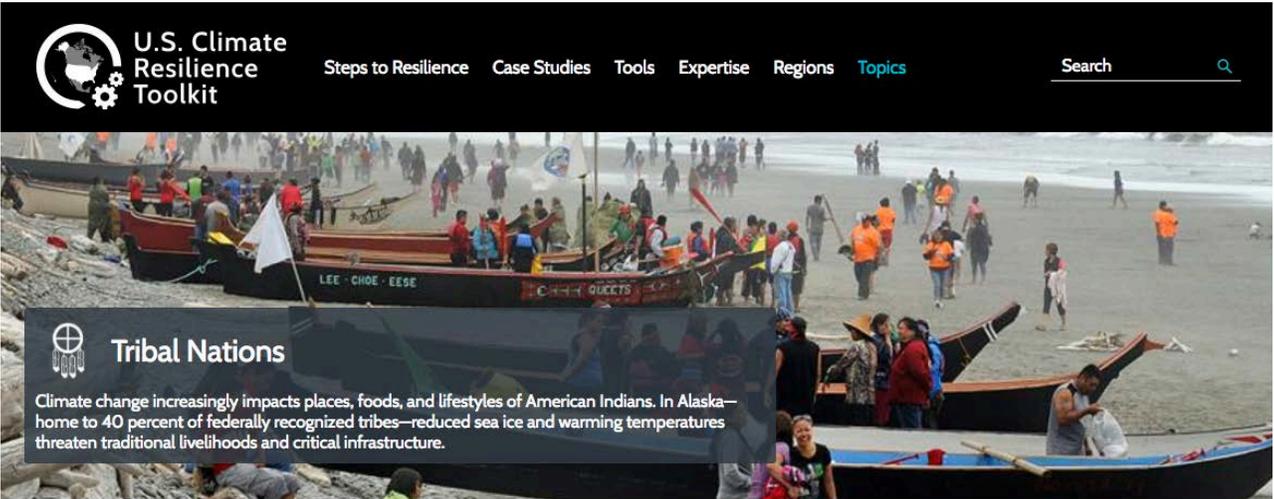
Disaster Mitigation

- Hazard Identification
- Vulnerability and Risk Assessments
- Community engagement
- Mitigation Priorities and Actions
- Implementation



Tribal Climate Change Profiles

- U.S. Climate Resilience Toolkit – Tribal Topics:
 - ▣ <https://toolkit.climate.gov/topics/tribal-nations>
- Tribal Climate Change Profiles
 - ▣ Pacific Northwest Tribal Climate Change Project:
<https://tribalclimate.uoregon.edu/tribal-profiles/>
 - ▣ Institute for Tribal Environmental Professionals:
<http://www7.nau.edu/itep/main/tcc/Tribes/>





For More Information

Pacific Northwest Tribal Climate Change Project:

<http://tribalclimate.uoregon.edu/>

Online Tribal Climate Change Guide:

<http://tribalclimateguide.uoregon.edu/>

Kathy Lynn, Coordinator, Pacific Northwest Tribal Climate Change Network

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Home

NEWS AND UPDATES

August 8, 2011: The USDA Forest Service Pacific Northwest Research Station published *Social Vulnerability and Equity in the United States in the Context of Climate Change: Synthesis of Literature* as a general technical report (<http://www.fs.fed.us/pnw/publications/gtrns.shtml>). This literature synthesis examines the effects of climate change, which are expected to be more severe for some segments of society than others because of geographic location, the degree of association with climate-sensitive environments, and unique cultural, economic, or political characteristics of particular landscapes and human populations. The synthesis reviews what available science says about social vulnerability and climate change and documents the emergence of issues not currently addressed in academic literature. In so doing, the synthesis identifies knowledge gaps and questions for future research. To download the brief, click here: [pnw_gtr838](#).

August 3, 2011: The National Wildlife Federation, in collaboration with numerous partners, released a report today on *Indian Tribes, Climate-Induced Weather Extremes, and the Future for Indian Country* (available at www.nwf.org/news). The report details how climate change is adversely and disproportionately affecting Indian Tribes in North America, people who rely on a healthy environment to sustain their economic, cultural and spiritual lives.

In June 2011, the Tribal Climate Change Project released the first iteration of [A Guide for Tribal Leaders on U.S. Climate Change Programs](#). This guide summarizes key U.S. government programs addressing climate change, opportunities for tribal engagement and contacts for each agency. In addition to its immediate value to tribes and their partners, this information will provide important groundwork for research on understanding and improving the tribal consultation processes in the context of climate change. This guide also begins to include tribal, academic and non-governmental agencies and programs to assist tribes in addressing climate change. To download the Guide, click here: [tribal_leaders_CC_guide_7-25-11](#).

Other FEMA Programs Supporting Mitigation



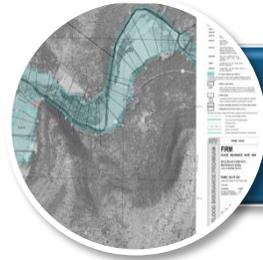
Risk MAP (Mapping, Assessment, Planning) Program



“Through collaboration with State, Local, and Tribal entities, Risk MAP will deliver **quality data** that increases **public awareness** and leads to **action** that reduces risk to life, property and natural resources.”

- Tribes may....
 - Request specific outreach materials and risk assessments
 - Request specific training and outreach support
 - Request Hazard Mitigation Planning technical support
 - Participate in meetings
 - CCO Meeting
 - Public Meeting
 - Resilience Workshop
 - Provide data
 - Communicate location of mitigation interest
 - Building specific
 - Event specific
 - Vulnerability identification

National Flood Insurance Program (NFIP)



Floodplain Mapping



Floodplain Management

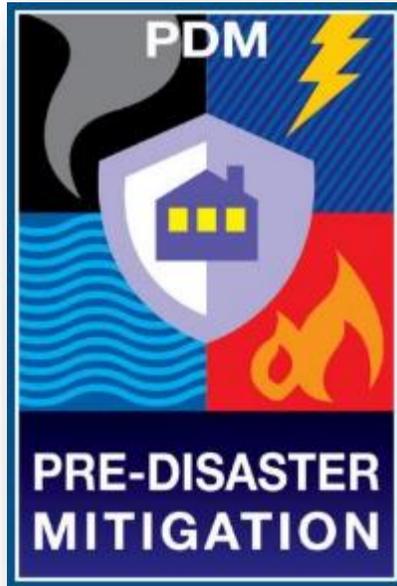


Flood Insurance

Earthquake And Tsunami Program Assistance

- **FEMA National Earthquake Technical Assistance Program**
(<https://www.fema.gov/medialibrary/assets/documents/24289>)
- **FEMA National Earthquake Hazard Reduction Program State Assistance**
 - Seismic mitigation planning,
 - Inventory and seismic inspection of critical structures and lifelines,
 - Update to local building and zoning codes, and ordinances to enhance seismic safety,
 - Earthquake education,
 - Development of multi-jurisdictional groups
- **National Tsunami Hazard Reduction Program**

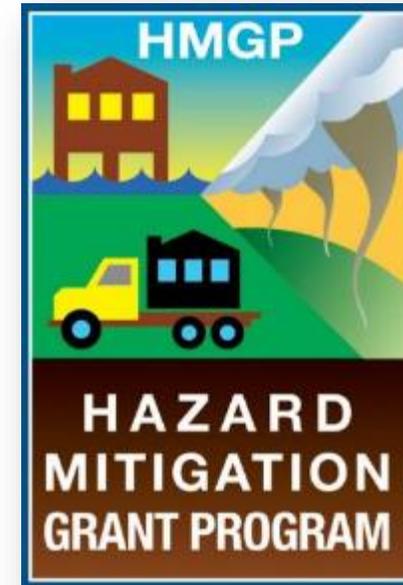
Hazard Mitigation Assistance (HMA)



Pre-Disaster
Annual
Nationally competitive
Natural Hazards



Pre-Disaster
Annual
Nationally competitive
NFIP participation
Flood Hazard



Post-Disaster
Statewide
Natural Hazards

HMA Pre-Disaster Mitigation Grants Webinars

Planning Grant	Project Selection	Project Development	eGrants
October 5 @ 10-11:30 am	Completed	Completed	October 12 @ 1:30-2:30 pm October 17 @ 10-11 am

Questions about the webinars?

Contact Jay LaPlante at 425.487.4540 or Jay.LaPlante@fema.dhs.gov



Plan Development Resources

- **Tribal Multi-Hazard Mitigation Planning Guidance (March 2010):**
<https://www.fema.gov/media-library/assets/documents/18355>
- **Mitigation Ideas:**
<https://www.fema.gov/media-library/assets/documents/30627>
- **IS-318 - Mitigation Planning for Local and Tribal Communities:**
<http://training.fema.gov/EMIWeb/IS/is318.asp>
- **FEMA Mitigation Planning Website:**
<http://www.fema.gov/hazard-mitigation-planning>
- **Emergency Management Institute – Tribal Curriculum**
<https://training.fema.gov/tribal/>

Review Learning Objectives

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- 1. FEMA support to Tribal Nations**
- 2. Select tribal mitigation planning requirements**
- 3. FEMA programs supporting tribal mitigation**
- 4. How tribes are developing their respective mitigation planning framework**
- 5. Pacific Northwest Tribal Climate Change Project**

Region 10 Mitigation Planning Training

Anchorage, Alaska

September 27-28

Hosted by Alaska Division of Homeland Security & Emergency Management

Camp Murray, Washington

November 1-2

Hosted by Washington Emergency Management Division



Register information on the Coffee Break website

Next Month



Addressing Social Equity through Natural Hazards Mitigation Planning

October 27, 2017

10am-11am PST

Throughout the development and implementation of a community's natural hazards mitigation plan, there are opportunities to recognize key equity issues. Planning teams are responsible for ensuring the public engagement process reaches all populations in the community and criteria is established so that mitigation strategies are designed to meet the needs of underserved populations. This webinar will provide examples and resources to improve your community's mitigation planning process.

- Jonna Papaefthimiou (AICP), Planning, Policy, and Communications Manager, Portland Bureau of Emergency Management
- Himanshu Grover (AICP), Co-Director of the Institute for Hazard Mitigation and Planning, University of Washington

2017 FEMA REGION 10 COFFEE BREAK CALEDAR



- January: Introduction to Mitigation Planning
- February: Building the Mitigation Planning Team
- March: Effective Public Engagement in Mitigation Planning
- April: Developing FEMA Mitigation Planning Grants
- May: Performing Natural Hazard Risk Assessments
- June: Integrating Natural Hazard Mitigation Plans and Community Wildfire Protection Plans
- July: Developing Natural Hazard Mitigation Strategies
- August: Climate Adaptation and Mitigation Planning
- September: Tribal Mitigation Planning
- October: Addressing Social Equity through Mitigation Planning
- November: Integrating Natural Hazard Mitigation Plans into Local Comprehensive Plans
- December: Mitigation and Recovery Planning (Change)

Contact

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