

National Adaptation Forum - Tribal and Indigenous Peoples sessions

Click on the Session Title to view the session abstract and speakers

| Tuesday, April 23, 2019 | | | |
|--|---------------------|------------------------------------|--|
| Session Title | Time | Location | Tags |
| Climate Change at the Intersections: Addressing Cross-Sectoral Concerns in Indian Country | 11:00 am - 12:30 pm | Hall of Ideas I | Tribal, Adaptation planning, cross-sectoral, NCA4 |
| People in Fire-Prone Landscapes — Rethinking How We Adapt and Mitigate Risk from Extreme Wildfire | 11:00 am - 12:30 pm | Madison Ballroom C | Extreme events, Rising temperatures, Wildfires, Adaptation, Mitigation |
| Conducting a Tribal/Indigenous Climate Change Vulnerability Assessment and Developing a Tribal Adaptation Plan <i>Indigenuity Session 1</i> | 2:00pm - 3:30pm | Hall of Ideas I | Tribal, Vulnerability Assessment, Adaptation planning, cultural resources |
| Moving from Planning to Implementation: How Indigenous communities are acting to build resilience <i>Indigenuity Session 2</i> | 4:00pm - 5:30pm | Hall of Ideas J | Planning, Implementation, Indigenous Resilience, Community Preparedness, Adaptation |
| Wednesday, April 24, 2019 | | | |
| How to Incorporate Human Health Exposures, Impacts, and Strategies into Adaptation Planning for Tribal Communities | 8:00am - 10:30am | Hall of Ideas J | Climate Change Impacts, Public Health, Tribal, Community Building, Adaptation |
| Cultural Competency, Collaboration & Environmental Equity in Adaptation: Island and Sea Living Examples of the Gullah/Geechee | 8:00am - 10:30am | Hall of Ideas E | Collaboration, Environmental Equity, Adaptation, TK, Community Resilience |
| Sailing the Resilience Seas – Hands-on Training with New Tools for Every Step of the Resilience Journey <i>Indigenuity Session 3</i> | 8:00am - 10:30am | Hall of Ideas F | Resiliency Training, Climate Change, Assessment and Planning, Cross Sectoral Adaptation |
| Oral Presentations 6: Climate Adaptation in Indigenous lands | 12:40pm - 1:40pm | Hall of Ideas J | Cross-sectoral, Resilience, Just Transition, Economy, Indigenous lands |
| A Tribal Adaptation Menu for Indigenous-led Climate Adaptation, including Background and Case Studies | 2:00pm - 3:30pm | Hall of Ideas G | Communication, engagement, climate adaptation, relationship building, Tribal Forest Adaptation, Resilience |
| Utilizing Partnerships to Enhance Climate Monitoring and Drought Management on Tribal Lands | 4:00pm - 5:30pm | Hall of Ideas H | Drought Management, Tribal Lands, Emergency Response, Facilitation, Relationship Building |
| Rights, Resilience and Community-led Relocation | 4:00pm - 5:30pm | Hall of Ideas I | Community building, relocation, monitoring, health and wellbeing, mitigation, Alaska |
| Thursday, April 25, 2019 | | | |
| Cross-Cultural Scientific Investigation: Connecting Indigenous Knowledge with Satellites | 8:00am - 10:30am | Madison Ballroom B | Indigenous Knowledge Systems, natural resource management, adaptation, Earth observation, Collaboration |
| Resilience Now, Resilience Tomorrow: Tribal/Indigenous Community Emergency Preparedness | 8:00am - 10:30am | Hall of Ideas I | Emergency Preparedness, Tribal, Community Building, Resiliency |
| Collaborative Climate Adaptation Planning: Next Steps for Indigenous Training, Policy and Programming | 11:00am - 12:30pm | Hall of Ideas J | TK, Collaboration, Climate Adaptation, Planning, Indigenous, Policy |
| Oral Presentation 13: Planning for Resilience in Tribal Lands | 12:40pm - 1:40pm | Hall of Ideas H | Tribal, Indigenous, Adaptation, TK, Restoration, Resiliency, Planning |
| Oral Presentations 14: Traditional knowledge in adaptation | 2:00pm - 3:00pm | Hall of Ideas H | TK, Makah Tribe, Climate Change Planning, Community Adaptation |

National Adaptation Forum – Tribal Resilience Liaisons’ Booth Schedule

BIA’s Tribal Resilience Program booth will be located at the top of the hall between the “Hall of Ideas” and the “Madison Ballroom”. Schedule for Tribal Liaisons and the CASC Region they support as follows:

| Tuesday, April 23, 2019 | | |
|----------------------------------|------------------------------|--|
| Time | Tribal Liaison | CASC Region |
| 8am-10:30am | TBD | |
| 9:00-11am | Rachael Novak | Tribal Resilience Program Nationwide |
| 11am-12:30pm | Stefan Tangen | North Central |
| 12:30pm-2pm | Malinda Chase | Alaska |
| 2pm-3:30pm | Sara Smith | Midwest |
| 3:30pm-4pm | Althea Walker | Southwest |
| 4pm-5:30pm | Casey Thornbrugh | Northeast and Southeast |
| Wednesday, April 24, 2019 | | |
| 8am-10:30am | David O’Donnell/Alyssa Samoy | Tribal Resilience Program Nationwide and GIS Support |
| 10:30am-11am | Chas Jones | Northwest |
| 11am-12:30pm | Casey Thornbrugh | Northeast and Southeast |
| 12:30pm-2pm | Althea Walker/Chas Jones | Southwest/Northwest |
| 2pm-3:30pm | Malinda Chase | Alaska |
| 3:30pm-4pm | Alyssa Samoy | Tribal Resilience Program Nationwide Support |
| 4pm-5:30pm | Stefan Tangen/Althea Walker | North Central/Southwest |
| Thursday, April 25, 2019 | | |
| 8am-10:30am | Sara Smith | Midwest |
| 10:30am-11am | Rachael Novak | Tribal Resilience Program Nationwide |
| 11am-12:30pm | TBD | |
| 12:30pm-2pm | TBD | |
| 2pm-3:30pm | David O’Donnell | Tribal Resilience Program Nationwide and GIS Support |
| 3:30pm-4pm | TBD | |
| 4pm-5:30pm | TBD | |

National Adaptation Forum – Tribal Resilience Program’s Talking Circle

BIA’s Tribal Resilience Program will be hosting a Talking Circle series where ideas and information regarding pressing adaptation topics can be communicated in an inclusive setting. Topics, location, and schedule to be determined.

National Adaptation Forum - Tribal and Indigenous Peoples sessions

This two-page version includes speaker names. Click on the Session Title to view the session abstract.

Tuesday, April 23, 2019

| Session Title | Time | Location | Tags | Speakers |
|--|-------------------|------------------------------------|---|--|
| Climate Change at the Intersections: Addressing Cross-Sectoral Concerns in Indian Country | 11:00 am-12:30 pm | Hall of Ideas I | Tribal, Adaptation planning, cross-sectoral, NCA4 | <ul style="list-style-type: none"> • Shasta Gaughen, Pala Band of Mission Indians • Caitriana Steele, USDA Southwest Climate Hub • Rachael Novak, Bureau of Indian Affairs and Lesley Jantarasami, Oregon Department of Energy • Christopher Swanston, Northern Institute of Applied Climate Science and Rob Croll, Great Lakes Indian Fish and Wildlife Commission |
| People in Fire-Prone Landscapes — Rethinking How We Adapt and Mitigate Risk from Extreme Wildfire | 11:00 am-12:30 pm | Madison Ballroom C | Extreme events, Rising temperatures, Wildfires, Adaptation, Mitigation | <ul style="list-style-type: none"> • Thomas H. Beery, University of Minnesota Sea Grant • Britt-Anne A Parker, NOAA National Integrated Drought Information System/University of Colorado (CIRES) • Tamara Wall and Daniel McEvoy, Western Regional Climate Center/Desert Research Institute • James Webster, Wildfire Partners • Richard Everett, Salish Kootenai College |
| Conducting a Tribal/Indigenous Climate Change Vulnerability Assessment and Developing a Tribal Adaptation Plan <i>Indigenuity Session 1</i> | 2:00pm - 3:30pm | Hall of Ideas I | Tribal, Vulnerability Assessment, Adaptation planning, cultural resources | <ul style="list-style-type: none"> • Shannon McNeeley, Colorado State University and Chas Jones, Northwest Climate Adaptation Science Center • Joe Hostler, Yurok Tribe • Stefanie Krantz, Nez Perce Tribe • Eric Chapman, Lac du Flambeau • Genelle Winter, Metlakatla Indian Community |
| Moving from Planning to Implementation: How Indigenous communities are acting to build resilience <i>Indigenuity Session 2</i> | 4:00pm - 5:30pm | Hall of Ideas J | Planning, Implementation, Indigenous Resilience, Community Preparedness, Adaptation | <ul style="list-style-type: none"> • Shannon McNeeley, Colorado State University • Michael Durglo, Confederated Salish and Kootenai Tribes • Tansey Smith, 1854 Treaty Authority • Scott Hauser, Upper Snake River Tribes Foundation • Jeff Grignon, Menominee Tribal Enterprises • Carol Oliver, Chinik Eskimo Community |

Wednesday, April 24, 2019

| Session Title | Time | Location | Tags | Speakers |
|---|------------------|---------------------------------|---|--|
| How to Incorporate Human Health Exposures, Impacts, and Strategies into Adaptation Planning for Tribal Communities | 8:00am - 10:30am | Hall of Ideas J | Climate Change Impacts, Public Health, Tribal, Community Building, Adaptation | Shasta Gaughen , Pala Band of Mission Indians Josh Simmons , Prosper Sustainably |
| Cultural Competency, Collaboration & Environmental Equity in Adaptation: Island and Sea Living Examples of the Gullah/Geechee | 8:00am-10:30am | Hall of Ideas E | Collaboration, Environmental Equity, Adaptation, TK, Community Resilience | Queen Quet Marquette L Goodwine , Gullah/Geechee Sea Island Coalition and Glenda Simmons-Jenkins , Gullah/Geechee Cultural Heritage Committee of Northeast Florida Kate Cell , Union of Concerned Scientists Kate Derickson , University of Minnesota Dan Rizza , Climate Central Annette Watson , College of Charleston |
| Sailing the Resilience Seas – Hands-on Training with New Tools for Every Step of the Resilience Journey <i>Indigenuity Session 3</i> | 8:00am-10:30am | Hall of Ideas F | Resiliency Training, Climate Change, Assessment and Planning, Cross Sectoral Adaptation | Nikki Cooley , Institute for Tribal Environmental Professionals Sascha Petersen , Adaptation International.com Joe Hostler , Yurok Tribe Meade Krosby , University of Washington Kyle Powys Whyte , Michigan State University |

| Session Title | Time | Location | Tags | Speakers |
|--|----------------|-----------------|--|---|
| Oral Presentations 6: Climate Adaptation in Indigenous lands | 12:40pm-1:40pm | Hall of Ideas J | Cross-sectoral, Resilience, Just Transition, Economy, Indigenous lands | Michael Chacon , Pueblo de San Ildefonso David Narum , Blue Lake Rancheria Tribe Pah-tu Pitt , Na'ah Illahee Fund |
| A Tribal Adaptation Menu for Indigenous-led Climate Adaptation, including Background and Case Studies | 2:00pm-3:30pm | Hall of Ideas G | Communication, engagement, climate adaptation, relationship building, Tribal Forest Adaptation, Resilience | Stephen Handler , Northern Institute of Applied Climate Science Melonee Montano , Great Lakes Indian Fish & Wildlife Commission Katy Bresette , Red Cliff Band of Lake Superior Ojibwe Gerald Jondreau , Michigan Tech, School of Forest Resources and Environmental Science Emily Martin , Bay Mills Indian Community Christopher Caldwell , College of Menominee Nation, Sustainable Development Institute |
| Utilizing Partnerships to Enhance Climate Monitoring and Drought Management on Tribal Lands | 4:00pm-5:30pm | Hall of Ideas H | Drought Management, Tribal Lands, Emergency Response, Facilitation, Relationship Building | Crystal J Stiles , High Plains Regional Climate Center James Rattling Leaf, Sr , Great Plains Tribal Water Alliance Derek Kauneckis and Miles Gordon , Voinovich School of Leadership and Public Affairs, Ohio University Anna Palmer , Desert Research Institute Cody Knutson , National Drought Mitigation Center, University of Nebraska-Lincoln |
| Rights, Resilience and Community-led Relocation | 4:00pm-5:30pm | Hall of Ideas I | Community building, relocation, monitoring, mitigation, Alaska | Robin Bronen , Alaska Institute for Justice Denise Annauk Pollock , Alaska Institute for Justice Adelaine Ahmasuk , Alaska Institute for Justice |

Thursday, April 25, 2019

| Session Title | Time | Location | Tags | Speakers |
|--|-----------------|--------------------|---|--|
| Cross-Cultural Scientific Investigation: Connecting Indigenous Knowledge with Satellites | 8:00am-10:30am | Madison Ballroom B | Indigenous Knowledge Systems, natural resource mgmt, adaptation, Earth observation, | Bonnie Murray , NASA Cindy Schmidt , BAERI/NASA |
| Resilience Now, Resilience Tomorrow: Tribal/Indigenous Community Emergency Preparedness | 8:00am-10:30am | Hall of Ideas I | Emergency Preparedness, Tribal, Community Building, Resiliency | Nikki Cooley , Institute for Tribal Environmental Professionals-Climate Change Karen Cozzetto , ITEP: Climate Change Program Casey Thornbrugh , NE & SE Climate Adaptation Science Center |
| Collaborative Climate Adaptation Planning: Next Steps for Indigenous Training, Policy and Programming | 11:00am-12:30pm | Hall of Ideas J | TK, Collaboration, Climate Adaptation, Planning, Indigenous, Policy | Malinda Chase , Alaska Climate Adaptation Science Center/Aleutian Pribilof Island Association Robin Clark , Inter-Tribal Council of Michigan Julie Maldonado , Livelihoods Knowledge Exchange Network / Rising Voices Shannon McNeeley , Colorado State University / NC CASC Kyle Whyte , Michigan State University |
| Oral Presentation 13: Planning for Resilience in Tribal Lands | 12:40pm-1:40pm | Hall of Ideas H | Tribal, Indigenous, Adaptation, TK, Restoration, Resiliency, Planning | Patricia K. Schwalenberg , Chugach Regional Resources Commission Stefanie L Krantz , Nez Perce Tribe Cynthia Naha , Santo Domingo Tribe |
| Oral Presentations 14: Traditional knowledge in adaptation | 2:00pm-3:00pm | Hall of Ideas H | TK, Makah Tribe, Climate Change Planning, Community Adaptation | Gus Bisbal , National Climate Adaptation Science Center Anna Elisabeth Palmer , Ohio University Voinovich School of Leadership and Public Affairs Michael Chang , Makah Tribe Hannah Panci , Great Lakes Indian Fish and Wildlife Commission Linda E Kruger , USDA FS PNWRS |

Indigenuity Sessions

The 2019 National Adaptation Forum will feature three sessions focused on “Indigenuity” in climate change planning and provide an arc intended to build capacity among tribal leaders and staff attending the National Adaptation Forum to identify the resources, strategies and best practices in assessing climate change vulnerability, developing adaptation plans and implementing climate actions.

Indigenuity Session 1: [Conducting a Tribal/Indigenous Climate Change Vulnerability Assessment and Developing a Tribal Adaptation Plan](#)

Date and Location: Tuesday, April 23, 2019, [Hall of Ideas I](#)

Time: 2:00pm-3:30pm

This session will focus on indigenous approaches to climate change adaptation planning and vulnerability assessment. Tribes and indigenous peoples have a range of adaptation planning and management concerns for understudied species and cultural use resources. There is also a critical need to identify strategies that will leverage limited resources and capacity to ensure a holistic understanding of climate vulnerability, as well as existing data and information that will inform assessment and planning. This session will feature speakers with experience in tribal/indigenous climate change adaptation planning and vulnerability assessment.

Presentations will include:

- **Introduction to the Indigenuity Sessions**, *Shannon McNeeley, Colorado State University*
- **Introduction to Indigenous Vulnerability Assessment and Adaptation Planning Session**, *Chas Jones, Northwest Climate Adaptation Science Center*
- **Metlakatla Indian Community Climate Change Adaptation Plan**, *Genelle Winter, Metlakatla Indian Community*
- **The Nimípuu Climate Change Story**, *Stefanie Krantz, Nez Perce Tribe*
- **The Lac du Flambeau (Waswagoning) Climate Resilience Initiative**, *Eric Chapman, Lac du Flambeau*
- **Yurok Tribe’s Climate Change Adaptation Plan for Water and Aquatic Resources**, *Joe Hostler, Yurok Tribe*

Indigenuity Session 2: [Moving from Planning to Implementation: How Indigenous communities are acting to build resilience](#)

Date and Location: Tuesday, April 23, 2019, [Hall of Ideas J](#)

Time: 4:00pm-5:30pm

Come participate in a session that focuses specifically on implementation and hear directly from five different tribes on how they are turning adaptation plans into on the ground action. The session will start with a brief overview and engagement activity. That will be followed by short (8-10min) presentations by five different tribes and a moderated panel discussion highlighting opportunities for implementation, identifying and overcoming barriers to action, and how best to find funding and enhance community support for action. The session will conclude with 15 minutes of Q&A with the participants. We conducted a national survey through ITEP, Rising Voices, and other networks of the Indigenous peoples and climate change

community to ask what sessions they wanted for NAF2019, and this was one of the top requested sessions. All speakers are confirmed except one. Presentations will include:

- **Introduction to Moving from Planning to Implementation – How Indigenous communities are acting to build resilience**, *Shannon McNeeley, Colorado State University*
- **1854 Ceded Territory Putting Climate Adaptation Actions into Implementation**, *Tansey Smith, 1854 Treaty Authority*
- **Confederated Salish and Kootenai Tribes Adaptation Plan Implementation**, *Michael Durglo, Confederated Salish and Kootenai Tribes*
- **Climate Resilience and Implementation in the Upper Snake River Basin of the Intermountain West**, *Scott Hauser, Upper Snake River Tribes Foundation*
- **Menominee Oak Wilt Adaptation Project**, *Jeff Grignon, Menominee Tribal Enterprises*
- **Native Village of Napakiak Relocation Plan**, *Walter Nelson*

Indigenuity Session 3: [Sailing the Resilience Seas – Hands-on Training with New Tools for Every Step of the Resilience Journey](#)

Date and Location: Wednesday, April 24, 2019, [Hall of Ideas F](#)

Time: 8:00am-10:30am

When it comes to climate change vulnerability assessments and adaptation plans, you've seen the presentations and read the reports, but that isn't the same as getting your hands dirty and starting your own assessment. The session starts with an orientation to the steps for building resilience and resources designed specifically for and available to enhance tribal resilience. Goals and ground-round rules for the session. Speakers will lead a discussion and training session focused on each phase of the resilience process. Participants will work with their colleagues to go through a series of mini-workshops and receive individualized guidance on how to address common challenges and chart their own course forward. Each of the mini-workshops will include: *overview, hands-on exercise, cross-tribal sharing.*

- ***Getting Started*** - [Nikki Cooley, Institute for Tribal Environmental Professionals](#), will summarize how to get started in adaptation, identifying a vision and goals for the tribe's efforts, and highlighting ITEP's adaptation toolkit.
- ***Considering Integration of Traditional Knowledges*** - [Joe Hostler, Yurok Tribe](#), will provide an overview of the Guidelines for Considering Traditional Knowledges in Climate Change Initiatives.
- ***Gathering Information and Assessing Vulnerability*** - [Meade Krosby, University of Washington](#) will describe approaches and resources available to assess vulnerability.
- ***Plan for Action*** - [Sascha Petersen, Adaptation International](#), will highlight how to gather, assess, and prioritize adaptation actions.
- ***Taking Action*** - [Kyle Powys Whyte, Michigan State University](#), will describe what it takes to move into implementation and monitoring actions as well as in-person learning opportunities such as the Tribal Climate Camp.

The training session will end with cross-group sharing and discussion of key challenges and opportunities with different approaches to adaptation.