



SWAF

SOUTHWEST ADAPTATION FORUM

October 10-12, 2022
Albuquerque, New Mexico
Indian Pueblo Cultural Center
(2401 12th Street NW)

Co-hosted by:

Southwest CASC, South Central CASC, Southwest Climate Hub & Southwest Decision Resources

~Summary Agenda~

(note: a printed agenda will be provided)

Goals

- Strengthen adaptation practitioners' knowledge and skills
- Build resilience through effective collaboration among partners
- Catalyze connections, collaboration, and cultivate a dynamic and impactful adaptation community of practice in the region
- Advance transformative adaptation to accelerate and expand resilient outcomes across communities and landscapes in the Southwest and beyond

Participants: Natural resource managers, adaptation practitioners, researchers, emerging leaders, and others working on adaptation in the Southwest.

Forum Principles

- *Inclusive:* Strive for a forum that is inclusive, diverse and equitable
- *Peer-to-peer exchange:* Foster interactive learning and sharing, recognizing everyone has relevant experience and knowledge
- *Integration:* Ensure that diverse perspectives, including Tribal and local knowledges, are integrated throughout the forum
- *Sovereignty:* all forms of Tribal sovereignty are upheld, respected, and amplified
- *Community-building:* Strengthen relationships and build a sense of shared purpose and community

Working Agreements

- Treat each other with dignity and respect
- Participate with openness to learning, listen actively, and give everyone a chance to speak
- Respect different knowledges, expertise, and perspectives
- Be present (e.g., silence and store electronics)

Monday, October 10th (1:00 - 6:30pm) - Indigenous Peoples' Day

1:00-3:00pm	Arrivals and registration
Opening Session and Reception	
3:00pm	Welcome and Forum overview
3:30	Opening address - <i>Ann Marie Chischilly, Northern Arizona University</i> Participant introductions and table discussions
4:30-6:30pm	Networking Reception
6:30pm	Adjourn for dinner on your own with friends and colleagues

Tuesday, October 11th (8:30am - 7:00pm)

8:00am	Light breakfast and networking
The Big Picture	
8:30	Overview of Day Two
8:40	Climate Adaptation in the Southwest <i>Carolyn Enquist, Southwest CASC/USGS & Gregg Garfin, Southwest CASC/U Arizona</i>
9:00	Integrating all voices and knowledges into climate adaptation Panel presentation and table discussions Moderator: <i>Cynthia Naha, NM Tribal Resiliency Action Network and Picuris Pueblo</i> Panel: <i>Beth Rose Middleton, UC Davis</i> <i>Neha Gupta, University Climate Change Coalition, University of Arizona</i> <i>April Taylor, South Central CASC Tribal Liaison</i>
10:30	Break
Issues and Efforts	
10:45	Critical Issues: Drought and Aridification Status and trends overview - <i>Molly McCormick, USGS RAMPS</i> Current initiatives: - Drought Learning Network - <i>Emile Elias, USDA Southwest Climate Hub</i> - Participant sharing of relevant efforts Table discussions by resource area

12:00pm	Lunch Southwest Practitioners Adaptation Network - <i>Amanda Leinberger, U Arizona</i>
1:00	Critical Issues: Fire and Flood Status and trends overview - <i>Rachel Loehman, USGS & Jeannie Barlow, USGS New Mexico Water Science Center</i> Current initiatives: • SWFireCAP - <i>Sarah LeRoy, Southwest CASC</i> • Post-fire flooding - <i>Collin Haffee, New Mexico State Forestry Division</i> • Participant sharing of relevant efforts Table discussions by resource area
Adaptation Tools and Decision Support Approaches	
2:00	Adaptation Tools & Decision Support Approaches Overview - <i>Emile Elias, USDA Southwest Climate Hub</i> Resource collections, libraries and stories • Collaborative Conservation and Adaptation Strategy Toolbox – <i>Ariel Leger, University of Arizona</i> • Forest Resource Inventory - <i>Lauren Kramer, USDA Southwest Climate Hub</i> • Water Adaptation Techniques Atlas - <i>Noah Silber- Coats, USDA Southwest Climate Hub</i> • AfterFire Toolkit for the Southwest- <i>Megan Friggens, USFS Rocky Mountain Research Station</i> Data, projections, analyses • Grass-Cast – <i>Skye Aney, NM State University/USDA Southwest Climate Hub</i> • Landscape scale vulnerability assessment for the southwest - <i>Megan Friggens, USFS Rocky Mountain Research Station</i> • Climate Engine Research App – <i>Justin Huntington, Desert Research Institute</i> Decision processes • Sierra Nevada Climate Refugia and structured decision-making - <i>Carolyn Enquist, USGS/SWCASC & Claudia Mengelt, USGS</i> • Adaptation decision processes and menus ◦ Overview - <i>Lauren Kramer, USDA Southwest Climate Hub</i> ◦ Adaptation example - <i>Lindsey Quam, New Mexico Forestry Division</i>
3:00	Break
3:45	Integrating Science, Data and Knowledges Panel presentation and table discussions Moderator: • <i>Cynthia Naha, NM Tribal Resiliency Action Network and Picuris Pueblo</i> Panel: • Indigenous Data Sovereignty (CARE and FAIR) - <i>Sharon Hausam, South Central CASC</i> • A Sovereign Digital Network System for Environmental Monitoring on Tribal Lands -

	<i>Dennis Dye, SW Polytechnic Institute</i> SW Tribal Adaptation Menu - <i>Atherton Phleger, Rootstock Consulting</i>
Moving from Incremental to Transformative Adaptation	
4:45	Transformative Adaptation: Scaling and Accelerating Solutions <i>Carolyn Enquist, Southwest CASC/USGS</i>
Evening Program - Panel and Reception	
5:00	Courtyard Reception
6:00	Emerging Indigenous Leaders Panel on Cultural Fire Moderator: - Carolyn Enquist, SW CASC / USGS Panelists: <i>Melinda Adams, UC Davis, PhD Student, Native American Studies, Institute of the Environment</i> <i>Carlie Domingues, SW CASC, PhD Candidate, UC Davis</i> <i>Nina Fontana, SW CASC, Postdoctoral Researcher, UC Davis</i> <i>Deniss Martinez, UC Davis, PhD Student, Ecology</i> <i>Will Madrigal, Jr., Tribal Capacities and Partnerships Program Manager, Climate Science Alliance</i>
7:00pm	Adjourn for dinner on your own with friends and colleagues

Wednesday, October 12th (8:30am - 2:30pm)

8:00am	Light breakfast and networking
Toward Effective Adaptation Implementation	
8:30am	Overview of Day Three
8:45	Operationalizing Effective Adaptation Introduction - <i>Mike Langston, South Central CASC</i> Solutions Café - Small group work on scaling and accelerating adaptation solutions
11:00	Break
Moving Forward	
11:15	Planning Forward Action planning on key topics to move forward as a community of practice

12:00pm	Closing
12:30	Lunch
1:30pm	Adjourn