

16th Biennial Conference of Science and Management for the Colorado Plateau and Southwest Region

At-A-Glance Program

Time	Abinaiu	Doyle	Fremont	Rees	1899 Ballroom	Ponderosa (Boardroom)	Aspen
Monday, Sept. 12, 2022							
CLIENTS’S DAY & REGISTRATION: High Country Conference Center Lobby (8 AM to 5 PM)							
8 AM to 4 PM	FIELDTRIPS: Ponderosa pine ecology and management tour (Moser and Jackson) & Climate change and management in pinyon-juniper woodlands (McCormick & Cassady) Both field trips require pre-registration and an extra fee for lunch. Please meet in front of the High Country Conference Center at 7:45 AM to load the vehicles for departure at 8 AM.						
10:00 AM to 3:00 PM			Emory Oak (By invitation)				
11:30 AM to 5:00 PM	USGS/ITEP (By invitation)						
12:00 to 5:00 PM						Colorado Plateau CESU Partners Meeting (By invitation)	
1:00 to 3:00 PM		WORKSHOP: Biocrusts, soils, and restoration tools for a changing environment (Jech, Anenberg, Rakes & Bacovcin)		WORKSHOP: Venomous reptile ecology awareness and safe handling training (Nowak)			Speaker-ready Room
3:00 to 5:00 PM		USGS Terrestrial Drylands Ecosystems (By invitation)					Speaker-ready Room
5:30 to 7:00 PM	RECEPTION: 1899 Bar & Grill Ballroom & Patio - 307 W. Dupont Ave., Flagstaff, AZ - Parking in High Country Conference Center parking garage (Appetizers & no-host bar)						
7:00 to 8:30 PM	EVENING PUBLIC KEYNOTE: Dr. Stephen J. Pyne, Arizona State University, <i>The Pyrocene Comes to the Plateau</i> - Prochnow Auditorium - Parking in High Country Conference Center parking garage						

Time	Abinau	Doyle	Fremont	Rees	1899 Ballroom	Ponderosa (Boardroom)	Aspen
Tuesday, Sept. 13, 2022							
7 to 8 AM	REGISTRATION & MORNING REFRESHMENTS: Humphreys Ballroom						Speaker-ready Room
8 to 9 AM	WELCOME & SCIENCE KEYNOTE ADDRESS: Dr. Sasha C. Reed, U.S. Geological Survey, <i>Finding hope in times of change: How science and management can work together to face an uncertain future on the Colorado Plateau</i> - Prochnow Auditorium - Parking in High Country Conference Center parking garage						Speaker-ready Room
9 to 9:30 AM	BREAK: Humphreys Ballroom						Speaker-ready Room
9:30 to 11:30	Leaves to Landscapes-Part 1- Evapotranspiration: spatial models of ET at the landscape level (Nagler & Johnson)	Managing wildfires for forest restoration on the Colorado Plateau and Southwest Region (Colavito & Huffman)	Vulnerability of SW cultural resources to climate change (Hejl, Meyer, Benjamin & Oskierko-Jeznacki)	Visitor use management in an era of rapid change and dynamic futures (Miller)	Contributed: Grazing and Grasslands		Speaker-ready Room
11:30 AM to 1 PM	BUFFET LUNCH: Humphreys Ballroom						Speaker-ready Room
11:30 AM to 1 PM	WORKSHOP: Using PhenoCam to monitor dryland ecosystems (Post, Richardson & Zimmerman) (Doyle)						Speaker-ready Room
11:30 AM to 1 PM	WORKSHOP: Co-management of ancestral public lands (Armstrong, Lopez-Whiteskunk, Nickel & others) (Abinau)						Speaker-ready Room
11:30 AM to 1 PM	WORKING SESSION: Peer learning to co-develop fire and climate adaptation case studies (LeRoy, Chaudry, Aslan, Leger, & Thode) (Ponderosa)						Speaker-ready Room
1 to 3 PM	Leaves to Landscapes-Part 2- Tamarisk and tamarisk beetle impacts: habitat and policy (Nagler & Johnson)	Contributed: Drought and Climate Change	Integrating Indigenous Traditional Ecological Knowledge (Lyndon, Southern & Cooley)	Bison, the national mammal, in the SouthWest (Terwilliger & Holm)	Carbon and Water Responses to Drought and Aridification (Samuels-Crow, Reich & Ogle)		Speaker-ready Room
3:15 to 5:15 PM	Colorado River Basin Actionable & Strategic Integrated Science & Technology (ASIST) (Thomas & Dahm)	After fire; tools to empower our collective response and recovery (Bean & Evans)	Integrating Indigenous Traditional Ecological Knowledge (TEK) (Cont.)	Bison, the national mammal, in the SouthWest (Cont.)	Poster set up		Speaker-ready Room
5:30 to 7:30 PM	POSTER SESSION & RECEPTION: 1899 Bar & Grill Ballroom & Patio - 307 W. Dupont Ave., Flagstaff, AZ - Parking in High Country Conference Center parking garage (Appetizers & no-host bar)						

Time	Abinau	Doyle	Fremont	Rees	1899 Ballroom	Ponderosa (Boardroom)	Aspen
Wednesday, Sept. 14, 2022							
7 to 8 AM	REGISTRATION & MORNING REFRESHMENTS: Humphreys Ballroom						Speaker-ready Room
8 to 10 AM	Contributed: Resilience and Restoration	Culturally responsive and inclusive teaching in natural resource management (Kim, Antoninka, Fulé)	Advancing Solutions: San Francisco Peaks Traditional Cultural Property (Gitlin)	Threats, research, and conservation of SW succulents (Thomas & Crawford)	Addressing data gaps related to the effects of mining breccia-pipe uranium deposits in the Grand Canyon Region (Walton-Day)	SWEDR planning meeting (By invitation)	Speaker-ready Room
10:00 to 10:15 AM	BREAK: Humphreys Ballroom						Speaker-ready Room
10:15 AM to 12:15 PM	Climate Change Adaptation in the NPS (Reynolds)	Culturally responsive and inclusive teaching in natural resource management (Cont.)	Advancing Solutions: San Francisco Peaks Traditional Cultural Property (Cont.)	Threats, research, and conservation of southwestern succulents (Cont.)	Interacting effects of fire and warming in pinyon-juniper woodlands of the Southwest (Reed, Lauria, & Phillips)		Speaker-ready Room
12:15 to 1:15 PM	BUFFET LUNCH: Humphreys Ballroom						Speaker-ready Room
1:00 to 1:15 PM	DOCUMENTARY: Re-greening a dryland watershed, U.S. Geological Survey (Norman) Humphreys Ballroom					USGS Women's Lunch	Speaker-ready Room
1:15 to 3:15 PM	Demystifying climate adaptation planning: frameworks, partnerships, and case studies from diverse perspectives (McCormick, Munson, Aslan & Thode)	Contributed: Conservation Science and Management	Striving for equity in science communication (Hinck)	A Macrosystems Approach to Managing Southwestern Riparian Ecosystems Facing Climate Change & Exotic Species Invasion (Allan)	Colorado River Natural Resources in an Era of Uncertainty: Using Science to Inform River Management (Eppheimer, Grams & Palmquist)		Speaker-ready Room
3:15 to 3:30 PM	BREAK: Humphreys Ballroom						Speaker-ready Room

Time	Abinau	Doyle	Fremont	Rees	1899 Ballroom	Ponderosa (Boardroom)	Aspen
3:30 to 5:30 PM	Demystifying climate adaptation planning: frameworks, partnerships, and case studies from diverse perspectives (Cont.)	Contributed: Plant and Animal Ecology, Conservation, and Management	Striving for equity in science communication (Cont.)	Biodiversity counts: does long-term monitoring lead to effective conservation outcomes? (Rowe)	Colorado River Natural Resources in an Era of Uncertainty (Cont.)		
5:30 to 7:00 PM	RECEPTION: ITEP 30 th Anniversary Celebration, 1899 Bar & Grill Ballroom & Patio - 307 W. Dupont Ave., Flagstaff, AZ - Parking in High Country Conference Center parking garage (Appetizers & no-host bar)						
7:00 to 8:30 PM	KEYNOTE SPEAKER: Nicole Horseherder, Diné, Executive Director, Tó Nizhóní Ání - Prochnow Auditorium - Parking in High Country Conference Center parking garage						
Time	Abinau	Doyle	Fremont	Rees	1899 Ballroom	Ponderosa (Boardroom)	Aspen
Thursday, Sept. 15, 2022							
7 to 8 AM	REGISTRATION & MORNING REFRESHMENTS: Humphreys Ballroom						Speaker-ready Room
8 to 10 AM	Emerging management challenges and research priorities for Southwestern pinyon-juniper woodlands (McCormick, Swan & Gehring)	Considering host-microbial interactions in ecosystem restoration (Bock & Markovchick)	Using Natural Infrastructure as Nature-Based Solutions to Heal the Planet (Norman)	Remote Sensing on the Colorado Plateau and Southwest Region (Durning, J. Sankey, T. Sankey, Sensie, and Norris)			Speaker-ready Room
10:00 to 10:15 AM	BREAK: Humphreys Ballroom						
10:15 AM to 12:15 PM	Emerging management challenges and research priorities for Southwestern pinyon-juniper woodlands (Cont.)	Contributed: Fire and Fire Responses	Science and Restoration of Biological Soil Crusts in a Changing Environment (Jech, Anenberg, Rakes & Bacovcin)	Remote Sensing on the Colorado Plateau and Southwest Region (Cont.)			
12:15 to 1:15 PM	BUFFET LUNCH: Humphreys Ballroom						
ADJOURN: Thank you and safe travels!							

POST-CONFERENCE MEETING

Time	Abinau	Doyle	Fremont	Rees	1899 Ballroom	Ponderosa (Boardroom)	Aspen
1:15 to 3:15 PM						PJ management workshop (Barger) (By invitation)	