Present a Poster					
Travis Anklam	Collaborative Learning Program Director				
Center For Natural Resources & Environmental Policy, University of Montana	Missoula	MT	nited States		
travis.anklam@umt.edu					
Co-Producing the Department of Interior's Bison	Shared Stewardship Strategy				
One-sentence summary					
Participants will explore an innovative approach to country with Tribes and Federal agencies.	o-producing a wildlife conservat	ion strategy v	via partnership		
Abstract					
The Department of the Interior (DOI) has made a commitment to shared stewardship of wild bison in cooperation with states, Tribes, and other stakeholders. In 2023, the DOI assembled a group of Federal and Tribe-nominated co-authors to co-produce a Bison Shared Stewardship Strategy, establishing a comprehensive framework and strategic directions to advance partnerships key to ecocultural restoration of bison across the country. This innovative co-production process strengthened relationships among Federal agencies and Tribes, established a broadly applicable strategy for bison restoration partnerships and actions to support place-based efforts, and yielded valuable lessons that can inform efforts by Tribes, agencies, and others working together to advance wildlife restoration through collaboration across scales.					
Additional people involved in the presentation, if any					

Present a Poster						
Adam	erbach	Institutional Knowledge Projec	t Fellow			
Next Interior		Boulder	CO	US		
adam.r.auerbach@g	mail.com					
Getting Managed A	ccess Right: Equitable Design	n of Visitor Use Management Sy	ystems			
One-sentence summa	ary					
	members will better understand features to mitigate them.	d equity concerns associated with	n manage	d access		
Abstract						
Managed access systems are becoming more popular to modulate visitation to our parks. Associated planning documents tend to conclude that managed access will not impact social equity outcomes regarding visitation. However, existing research is inadequate to support this conclusion across contexts. In particular, managed access systems may have differential social equity outcomes in remote versus urban-proximate parks, which is a consideration that should inform planning processes and future research. Otherwise, managed access systems may inadvertently change the demographics of park visitors and in turn supporters, which could lead to unacceptable advocacy and political outcomes around support for parks. This poster will also share design features that promote equity in managed access systems.						
Additional people invo	olved in the presentation, if any					
Cassidy Jones, Seni	or Visitation Program Manager,	National Parks Conservation Ass	sociation			

Present a Paper					
Adam Auerbach		Institutional Knowledge Project	t Fellow		
Next Interior		Boulder	СО	US	
adam.r.auerbach@gmail.co	om				
Getting Managed Access	Right: Planning for Equ	itable Design of Visitor Use Ma	anageme	nt Systems	
One-sentence summary					
Attendees/audience members systems and design feature		d equity concerns associated with	h manage	ed access	
Abstract					
Managed access systems are becoming more popular to modulate visitation to our parks. Associated planning documents tend to conclude that managed access will not impact social equity outcomes regarding visitation. However, existing research is inadequate to support this conclusion across contexts. In particular, managed access systems may have differential social equity outcomes in remote versus urban-proximate parks, which is a consideration that should inform planning processes and future research. Otherwise, managed access systems may inadvertently change the demographics of park visitors and in turn supporters, which could lead to unacceptable advocacy and political outcomes around support for parks. This presentation will conclude with an overview of design features that promote equity in managed access systems.					
Additional people involved in the presentation, if any					
Cassidy Jones, Senior Visi	tation Program Manager,	National Parks Conservation Ass	sociation		

Present a Paper						
Anna Baize	Master's Student					
Human Dimensions Lab, Montana Cooperative Wildlife Research Unit, Wildlife Biology Program,	Missoula	MT	United States			
anna1.baize@umconnect.umt.edu						
Reducing Bear Conflicts Through Attractant Prio	ritization					
One-sentence summary						
Attendees/audience members will better understand bear conflicts using a data-driven approach.	d how to prioritize attractant mitig	gation to r	educe human-			
Abstract						
Black and grizzly bear encounters with people raise the risk of conflict. Unsecured attractants like garbage, fruit trees, and poultry are key drivers. Communities often rely on informal observations to guide attractant securing efforts or attempt to address all attractants, stretching resources and reducing efficacy. We adapted a Community-Based Social Marketing model to identify attractants with the greatest potential to reduce conflicts. Using expert elicitation in Montana's Bitterroot Valley, we assessed characteristics of different attractants and prioritized using our adapted model. Our findings highlight key attractants that, if secured, could most significantly reduce conflicts. More broadly, this framework offers a widely applicable tool to efficiently allocate limited resources for reducing human-wildlife conflicts.						
Additional people involved in the presentation, if any						
Co-authors: - Brianna P. Lipp, Human Dimensions Lab, Wildlife E - Alexander L. Metcalf, Human Dimensions Lab, Wildlife E 59812 - Sarah N. Sells, U.S. Geological Survey, Montana C Program, Ecology & Evolution Program, University of	dlife Biology Program, University Cooperative Wildlife Research Ur	of Monta	na, Missoula MT			

Present a Paper					
Elizabeth Baldwin	Associate Professor				
Clemson University	Clemson	SC	United States		
ebaldwn@clemson.edu					
Learning From Burning: Connecting Fire Manage	rs and Fire Scientists				
One-sentence summary					
Attendees/audience members will learn about a specimanagement and science.	cific leaning exchange network f	ocused or	n fire		
Abstract					
The fire community is one of transparency and learning, and embedded in its culture is an openness of sharing successes and failures in order to learn and adapt. United by a shared desire to effectively understand and utilize controlled burns to successfully extinguish wildfires and research their lasting effects, fire managers and fire scientists coexist in partnerships commonly referred to as knowledge exchange networks. This research examines one such network, the Consortium of Appalachian Fire Managers and Scientists (CAFMS). Interviews with CAFMS members were analyzed, and the coding of salient statements. The effectiveness of this consortium is due to virtual connections but mainly stems from face-to-face engagement.					
Additional people involved in the presentation, if any					
Taylor Parker will present for Dr. Baldwin, who cannot Coleman Little, co-author Helen Mohr, co-author Jen Bunty, co-author Matt Brownlee, co-author Bob Brookover, co-author	ot attend.				

Present a Pape	r					
Josh	Beisel	PhD Student				
University of Mo Conservation)	ontana (College of Forestry and	Missoula	MT	United States		
joshua1.beisel@	@umconnect.umt.edu					
Climate chang	ge and fire alter biotic interactions a	and tree growth in wilderness	treeline fo	orests		
One-sentence s	ummary					
Attendees will use forests.	understand the complex, interactive e	ffects that climate change is ha	ving on wi	Iderness treeline		
Abstract						
Climate change and shifting fire regimes are reshaping high-elevation forests, yet the role of biotic interactions in modulating these changes remains unclear. Many of these ecosystems in the western US fall within federally designated Wilderness areas, offering a unique opportunity to study treeline forest dynamics with minimal confounding factors. To investigate how global change affects climate-fire-vegetation interactions, we sampled tree growth and forest structure across treeline sites in the Selway-Bitterroot Wilderness. Our results indicate that current trends are rapidly altering both the structure and biotic interactions formerly characteristic of treeline forests. These findings underscore the value of Wilderness as a "natural laboratory" and will help guide future management of high-elevation forest ecosystems.						
Additional people involved in the presentation, if any						

Present a Paper						
Rajiv	Bhartari	Consultant				
n/a		Dehradun	Utta	India		
rajivbhartari@g	mail.com					
The Social and	d Political Impacts of Zoning in Pro	tected Areas - Case Study, Co	rbett Tige	er Reserve		
One-sentence s	ummary					
	ience members will better understand otected areas & tourism.	d the strengths and limitations of	zoning as	a management		
Abstract						
Zoning has become the sine qua non in protected areas and wilderness management worldwide. Yet zoning, as an assemblage of policies, practices, and especially politics, is poorly understood, particularly through a critical geographical and political ecology lens. In this qualitative study, I employed the concepts of territorialization, reterritorialization, and enclavization as a framework for examining the creation and impacts of zoning in the Corbett Tiger Reserve (CTR) landscape over the past five decades (1973-2023). This framework facilitated understanding successive phases of core, buffer, and tourism zone-making, as well as the proliferation of resort tourism and its negative implications for local communities. The politics of zoning in wilderness areas, with their uneven social and ecological impacts, requires further study.						
Additional peop	le involved in the presentation, if any					

Present a Paper						
Clara-Jane Blye	Assistant Professor					
University of Alberta	Sal Lake City	Uta	United States			
clara-jane.blye@utah.edu						
Parks and citizenship, access, and identity						
One-sentence summary						
Engage with responsive/representative park planning as both environmental and social commons	g, and discuss frameworks that	recognize	the role of parks			
Abstract						
This presentation explores the transformative potential of parks as inclusive leisure spaces for New Canadians navigating the intersection of cultural heritage and environmental engagement. As place-based conservation sites, parks are not only ecological preserves but also evolving cultural landscapes where questions of belonging, identity, and justice unfold. Drawing on interviews with 14New Canadians from diverse backgrounds this study examines how nature-based leisure functions as both a site of reconnection, with nature and cultural memory and a space of Canadian identity formation. Participants shared narratives of healing, community building, and emotional well-being through park visits, while also confronting challenges related to accessibility, cultural norms, and feelings of exclusion.						
Additional people involved in the presentation, if any						
Elizabeth Halpenny, University of Alberta						

Present a Poster						
Clara-Jane	Blye	Assistant Professor				
University of A	berta	salt lake city	utah	United States		
clara-jane.blye	@utah.edu					
The influence	of novel communication intervention	ons on overnight park visitors				
One-sentence s	ummary					
Attendees/aud of pledges.	lience members will better understand	d the role of multi media message	es and the	influential scope		
Abstract						
The Camper's Code Pledge, developed by a coalition of British Columbia organizations, promotes responsible recreation in parks and campgrounds. This two-phase quasi-experimental study tested the effects of communication tools—written messages, multimedia, and pledges—on visitor behavior. Phase one surveyed 769 overnight visitors, showing that multimedia messaging (video) followed by a pledge significantly increased pro-environmental behavioural intentions. Phase two follow-up surveys are ongoing to assess long-term behavior change. Results indicate that written communication is not the most effective tool in shifting behaviours, in addition pledges as a singular act of commitment do not appear as influential as pairing persuasive multi-media communication with public commitment.						
Additional peop	le involved in the presentation, if any					
Elizabeth Halp Mu He, Univers	enny, University of Alberta sity of Alberta					

Present a Poster		
Margaret Bogner	Master's Student / Summit St	eward
University of Maine / Friends of Acadia	Trenton	ME
margaret.bogner@maine.edu		
Exploring Visitor Perceptions of Summit Vegetation	on Restoration in Acadia Natio	onal Park
One-sentence summary		
Attendees will better understand visitor perceptions are to support the efforts.	of active vegetation restoration,	including how likely visitors
Abstract		
Acadia National Park (ANP), a federally protected are of restoring lost vegetation on Cadillac and Sargent I exploratory research study investigates how to best social science methods. The research aims to (1) and demographics between different summit visitors, (2) determine visitors' willingness to support restoration staff and team partners for the next phase of restoral management agencies looking to engage in summit	Mountains due to trampling from support the restoration efforts the alyze differences in motivations, examine spatial patterns of visit efforts. The results of this reseation. Likewise, the results are approximately	n high recreational use. This hrough the use of various behavioral intent, and tor movement, and (3) arch will help guide ANP's
Additional people involved in the presentation, if any		
Dr. Sandra De Urioste-Stone, Advisor, University of M Dr. John Daigle, Committee Member, University of M Dr. Adam Gibson, Committee Member, Acadia Natio Becca Stanley, Committee Member, Friends of Acad	laine nal Park	

Organize an Information-Sharing Session: Panel Discussion					
Michelle Bowden	Director, Conservation Program	ns Branch			
Parks Canada			Canada		
michelle.bowden@pc.gc.ca					
Indigenous Stewardship: Conservation Through R	Relationships				
One-sentence summary					
Audience members will have a deeper understanding Indigenous Stewardship Policy	g of how Parks Canada approach	nes implen	nentation of the		
Abstract					
Parks Canada has embarked on a process of organizal heritage area management and governance that is relands, water, and ice. At its core is the Indigenous Standards reconciliation and support implementation Leaders, the Indigenous Stewardship Policy (ISP) see advance how the priorities of First Nations, Métis, and accomplished together to advance environmental, exports the priorities of the Parks Canada and Indigenous perspectives of the priorities of the pr	espectfully aligned with Indigenous ewardship Framework and Police of the UNDRIP. Done in collaborates to support the continuity of light India peoples alongside Parks conomic and community well-being and community well-b	us ways of ry, which re ration with ndigenous Canada's ing. This se	stewarding espectfully Indigenous cultures and mandate can be ession will share		
Additional people involved in the presentation, if any					
Presenters are still to be determined, but if a placeho Ernie Gladstone, Executive Director, Indigenous Stew Cindy Boyko, Co-Chair, Indigenous Stewardship Circ Carla Morse, Manager of Indigenous Engagement on	vardship, Parks Canada cle, Parks Canada	imes can b	e added:		

Participate in the 3MR (Three-Minute Research Competition)						
Kika	Bradford	Social Scientist and Research Associate				
Institute for Too	urism and Recreation Research	Missoula	MT	United States		
kika1.bradford	@umontana.edu					
Beyond scien	ce and regulations: Hidden factors s	shaping recreation manageme	ent decisio	ons		
One-sentence s	ummary					
	understand that managing recreation vorkplace climate.	goes beyond science; it's shape	ed by peop	ole, beliefs,		
Abstract						
little is known a and past behave that managers supportive work enablers and be JEDI efforts). T	r outdoor recreation grows, land mana about the factors shaping their decision viors shape recreation decisions within are more likely to embrace recreation rk environment, and have prior experientariers to Brazilian recreation may also hese findings can inform conservation improving capacity and readiness to recreation may capacity and readiness to recreation may also improving the matter may be also improved the mat	ons. This study explores how be a Brazil's federal protected area when they see it as a conservation apply to other areas and issue a solutions by identifying pathwa	liefs, orgars agency. tion tool, prical and os (e.g., clirays to bridays to b	nizational climate, Findings show perceive a rganizational mate change and		
Additional peop	le involved in the presentation, if any					

Organize a Core Workshop Session: Presentations + Audience Interaction						
Kika	Bradford	Social Scientist and Researh Associate				
Institute for Too	urism and Recreation Research	Missoula	MT	United States		
kika1.bradford	@umontana.edu					
GenAl for con	servation: Exploring opportunities a	and challenges in parks and re	ecreation			
One-sentence s	ummary					
	explore GenAl's opportunities and cha ecreation and conservation	allenges, gain hands-on experie	nce, and r	eflect on its		
Abstract						
reviews and student linestitute for Toward hands-on advance or him	and outdoor recreation. We'll break down udy design to data analysis and outreat urism and Recreation Research, this water activities to explore GenAl's potential, ader social and environmental justice. Note ask questions, try things out, and so	ach—and where it falls short. Us vorkshop will feature live demos limitations, and ethical dimensi Whether you're curious, cautiou	sing exam _l s, real-worl ons—such s, or alread	ples from the d case studies, as its power to dy experimenting,		
Additional peop	le involved in the presentation, if any					

Present a Poster	
Victoria	Scientist in Parks Postdoctoral Fellow
National Park Foundation	Greenville
tori.bugni@gmail.com	
Valuing Ecosystem Services to improve Place-bandational Parks	sed Conservation: A Study of Sagebrush Steppe in U.S.
One-sentence summary	
Attendees/audience members will better understand ecosystem service valuation methods.	d services provided by sagebrush ecosystems and
Abstract	
service valuation has the potential to inform planning watershed protection, and carbon storage helps par their conservation investments. We examine the spenational parks, Craters of the Moon, Curecanti, Blac work will document ecosystem services provided by	k managers achieve their management priorities and justify ecific case of Sagebrush Steppe Ecosystem across several k Canyon of the Gunnison, and Grand Teton. Our on-going
Additional people involved in the presentation, if any	
Would like to present as a Paper. This is a poster from team.	om the NPS/NPF/Scientists in Parks Fellow collaborative

Organize a Core Workshop Session: Hands-on Activity					
Rob Burrows		NPS Wilderness Training Manager			
Arthur Carhart National Wildern Center	ness Training	Missoula	MT	United States	
rob_burrows@nps.gov					
Evaluating Ecological Interve	ention Proposals in V	Vilderness			
One-sentence summary					
Attendees will be able to identi Wilderness Preservation Syste		sidering ecological intervention p	oroposals ir	n the National	
Abstract					
Climate change and expanding development causing landscape scale fragmentation pushes the perceived need for ecological interventions in Wilderness areas of the US. The Wilderness Act of 1964 mandates federal agencies preserve wilderness character, a holistic concept composed of 5 qualities. Across many landscapes the protected status and size of wilderness allows these areas to be the last and best refuge for many species and habitats. Interventions pose a conundrum because the untrammeled quality directly contributes to this refuge function of wilderness, yet interventions are a trammeling. Interventions are usually taken to preserve the natural quality. In small groups, attendees will explore factors to evaluate ecological interventions in wilderness through hands-on activity that helps point to conservation solutions and tradeoffs.					
Additional people involved in the	e presentation, if any				
Session co-organizers/co-pres Jimmy Gaudry, Director, Arthu Jaclyn Rushing, Social Scientis	r Carhart National Wil	<u> </u>			

Organize an Information-Sharing Session: Sharing C	ircle			
Rob Burrows	NPS Wilderness Training Manage			
Arthur Carhart National Wilderness Training Center	Missoula	MT	United States	
rob_burrows@nps.gov				
Exploring the Benefits of the National Wilderness	Preservation System			
One-sentence summary				
Attendees will identify personal values and biocentric designated Wilderness in the US.	c and anthropocentric benefits o	offered by v	vildlands and	
Abstract				
The National Wilderness Preservation System (NWPS Act, codifying the legal concept of designated wildernatural conditions, untrammeled ecosystems; provious unconfined recreation; and protect cultural, ecologic 111.8 million acres in 806 wilderness areas across thereby declared to be the policy of the Congress to generations the benefits of an enduring resource of wilderness values and benefits in the context of the visit of the second context of the visit of the second context of the visit of t	rness that reflects places to prest de outstanding opportunities for cal, and historical values. Today ne US and Puerto Rico. Section secure for the American people wilderness." This session will fa	serve under solitude an , the NWPS 2(a) of the of present	veloped and d primitive and S includes over Act states, "it is and future	
Additional people involved in the presentation, if any				
Session co-organizers/co-presenters: Jimmy Gaudry, Director, Arthur Carhart National Wild Jaclyn Rushing, Social Scientist, Aldo Leopold Wilde				

Present a Pape	r			
Xochizeltzin	Castaneda-Camacho	Assistant Professor of Environ	mental St	udies
St. Olaf College)	NORTHFIELD	MN	United States
xochi@stolaf.e	du			
Transdisciplin	ary Research for Biodiversity Cons	ervation in Protected Areas of	the Chih	uahuan Desert
One-sentence s	ummary			
	ience members will learn on the effectoration of Protected Areas.	tiveness of transdisciplinary rese	earch to as	ssist decision-
Abstract				
highly vulnerable change examined Biosphere Resultant These three Parabetween North level for restorations.	e is accelerating and diminishing the role to anthropogenic disturbance. This nes three Protected Areas (PAs) in the erve, 2) The Reserve of Real de Guadas are designated as biodiversity hots; and South America. The goal is to ideation. This work applies transdisciplinates in the workshop theme Responding	s study undertaken from the personal Chihuahuan Desert of northern alcazar, and 3) The Reserve of the pots in the world and align with entify the critical zones of habita ary research, mixed methods, ge	spective of Mexico: 1 ne Sacred migratory toss and	f landcover) The Mapimi Site of Huiricuta. bird corridors their potential
Additional peop	le involved in the presentation, if any			

Present a Post	er			
Mercy	Chepkwony	PhD Student		
The Pennsylva	nia State University	University Park	PA	United States
mcc6083@psu	ı.edu			
Predicting Pa	rk Conservation Support via Livelih	ood Security and Human-Wild	llife Conf	lict Assessment
One-sentence s	ummary			
Attendees/aud park conservat	lience will have an insight into the role tion dynamics	e of local socio-economic factor	s in shapi	ng wildlife and
Abstract				
goals alongsid continue to thr case of Maasa conflict influen Findings indica to-high conser	tion in the context of Africa presents of e local development needs. However reaten both conservation and local live is Mara National Reserve in Kenya, to ce local conservation support. Struct ate moderate livelihood security, high reation support. These factors are crush biodiversity conservation and local	elihoods. This cross-sectional quassess how livelihood security of ured survey data was gathered incidences of human-wildlife cocial to explore as they hold pote	numan-wi uantitative dynamics from 411 onflict (HW	Idlife conflict e study uses the and human wildlife households. /C), and moderate-
Additional peop	le involved in the presentation, if any			
Gasto Lyakurw	va, PhD Student, The Pennsylvania St	tate University		
Edwin Sabuho	ro, Assistant Professor, The Pennsylv	vania State University		

Present a Poster					
Lynne Cherchia	Graduate Student				
University of Southern California; Mount Wilson Bicycling Association	South Pasadena	CA	USA		
Icherchi@usc.edu					
Building the path forward: USFS partnership ena	bles post-fire restoration of So	oCal mul	ti-use trails		
One-sentence summary					
Attendees/audience members will better understand restoring trails on our public lands.	d the role of volunteer organization	ons in ad	lvocating for and		
Abstract					
Mount Wilson Bicycling Association (MWBA) has been advocating for, building, and stewarding multi-use trails on the Angeles National Forest (ANF) since 1986. The ANF spans over 700,000 acres and, as an urban national forest, provides backcountry access to the millions of diverse inhabitants of Los Angeles. As one of two non-profit, volunteer-led organizations primarily responsible for stewarding ANF front- and backcountry trails, MWBA partners with the USDA Forest Service to fund trail work. Here we present a case study of completed restoration on Valley Forge Trail following the 2020 Bobcat Fire. The restoration project utilized a Challenge Cost Share Agreement with the USFS and successfully restored the 3 miles of trail over a 27-month period, and this model is currently being deployed to restore trails impacted by the 2025 Eaton Fire.					
Additional people involved in the presentation, if any					
Carson Blaker, Board Director, Mount Wilson Bicycling Andrew Hunter, Board Director, Mount Wilson Bicycling Alex Keller, Board Secretary, Mount Wilson Bicycling Daniel Lichtenstein, Board Director, Mount Wilson Bicster Song, Board Vice President, Mount Wilson Bicycling Jay Marion, Board President, Mount Wilson Bicycling	ng Association cling Association g Association Bicycling Association cycling Association				

Present a Paper			
Michael Childers	Associate Professo	ır	
Colorado State University	Fort Collins	СО	United States
michael.childers@colostate.edu			
What is the Purpose of the National Parks?	Teaching History of Amer	rica's National Par	·ks
One-sentence summary			
Understand how we approach teaching about	the National Parks		
Abstract			
I begin my History of America's National Parks purpose of national parks? Students usually respreservation of natural resources. In my class I and other sources that present a range of perspondent and complicates student's understant the course's central question.	espond with answers center I guide them through a dive spectives on the purpose ar	red around conserverse set of historica and management of	ration or the I reports, articles, the parks. This
Additional people involved in the presentation, if	f any		
This paper is a part of the panel proposal organ About National Parks.	nized by Michael Pretes and	d Randal Wilson er	ntitled "Teaching

Present a Paper								
Madaline Cochrane		Post-doctoral researcher						
University of Montana		Missoula	MT					
madaline.cochrane@mso.umt.edu								
NPS-led amphibian monitoring evaluat	es respons	ses to climate and identifies re	efugia					
One-sentence summary								
Attendees will better understand how NP mitigate them.	S lands fac	ilitate our understanding of amp	hibians thr	reats and help				
Abstract								
Amphibians have declined dramatically in and identify key refugia to conserve amphinomitoring data from across the NPS Inventoring data from across the NPS Inventoring and 20+ year datasets, we can make NPS refugia given increasing drought intercommendations for how to improve efficient facilitate future continental-scale analyses	nibian biodi entory and l ake forecas ensity and fr iciency and	versity, we are synthesizing lon Monitoring Division. Using mult sts about future amphibian distr requency. This synthesis will als	g-term amp i-species o ributions and so provide	phibian eccupancy nd identify key				
Additional people involved in the presentat	tion, if any							
Andrew Ray, project manager/researcher Blake Hossack, project manager/research Lisa Eby, project manager/researcher (Un	her (USGS I	Research Zoologist)						

Present a Paper					
Regan	Volunteer and Program Development Lead				
University of Alberta	Edmonton	AB Canada			
coyne.r@hotmail.com					
Managing the Great Divide Trail					
One-sentence summary					
Attendees will learn about the challenges of the Great overcome jurisdictional boundaries.	at Divide Trail system and the ne	eed for collaboration to			
Abstract					
Land managers face significant challenges in balancing ecological integrity with recreational access. This is particularly evident along the Great Divide Trail (GDT), a long-distance backcountry hiking path that spans 24 jurisdictions across two provinces in Canada. Each agency involved has its own approach to managing ecological health and recreational use. Examining their strategies for conserving land, wildlife, and waterways along the Trail reveals how they navigate the dual goals of ecological protection and recreational support. Understanding these approaches can provide valuable lessons for optimizing both recreation and ecological outcomes, ultimately guiding efforts to harmonize the often competing demands of recreation and ecology in linear backcountry environments.					
Additional people involved in the presentation, if any					

Organize an Information-Sharing Session: Invited Papers					
Amanda	Cravens	Research Social Scientist			
U.S. Geologica Ecosystem Scientific	Survey, Forest and Rangeland ence Center	Corvallis	OR	United States	
aecravens@uso	gs.gov				
Navigating ecological transformations: Social Aspects of Resist-Accept-Direct (RAD) decisions					
One-sentence s	ummary				
	petter understand the RAD Framewor cological change.	k and how it is being used by ma	anagers to	o navigate	
Abstract					

The RAD framework helps managers respond to climate change and navigate transforming ecosystems by defining a broad decision space that includes resisting ecological trajectories, consciously accepting such change, and directing trajectories towards preferred new conditions. RAD is intended to help managers intentionally expand their thinking beyond traditional approaches. Recent interdisciplinary and cross-agency research has integrated social sciences to explore how and why managers are making RAD decisions. This session will highlight findings and implications from five papers at the forefront of RAD research, including how RAD: 1) fits within broader agency adaptation planning, 2) can inform wilderness management, 3) is being used by managers within and across jurisdictions, and 4) raises ethical questions.

Additional people involved in the presentation, if any

Session co-organizers:

Jaclyn Rushing, Social Scientist, Aldo Leopold Wilderness Research Institute, Rocky Mountain Research Station, USDA Forest Service

Papers and Presenters:

Paper 1: Setting the stage: Putting RAD in the broader context of agency adaptation (based on paper under review at Frontiers in Ecology and the Environment) / Presenter TBA

Paper 2: Engaging with RAD across jurisdictions in the Missoula Valley

o Presenter(s): Caroline Bean, Ph.D. candidate, University of Montana and Laurie Yung, Professor of Natural Resource Social Science, University of Montana

Paper 3: RAD in Wilderness

o Presenter(s): Jaclyn Rushing and/or Kira Hefty (session co-organizers)

Paper 4: Psychological factors and emotions in RAD decision making

- o Presenter(s): Amanda Cravens (session organizer) and Julia Goolsby, Ph.D. student, Cornell University Paper 5: RAD Ethics (currently under review at People and Nature)
- o Presenter(s): Christopher Preston, Professor of Philosophy, University of Montana

Present a Paper					
Morgan	Postdoctoral Researcher				
University of Vermont	Athens	Geo	United States		
mccrump97@gmail.com					
Visitor Impacts and Experiences Related to Road	side Wildlife Viewing in Yellow	stone Nat	ional Park		
One-sentence summary					
Attendees will better understand wildlife viewer behamanagement for roadside wildlife encounters.	aviors in Yellowstone NP and ho	w they may	/ inform		
Abstract					
As visitation to national parks increases, so does interest in viewing wildlife, particularly in high-profile destinations like Yellowstone National Park. Encounters with charismatic megafauna are sought after and serve as motivators for visitors. This trend has brought increased attention to how visitor interactions impact wildlife behaviors and visitor experiences. As visitors flock to PPAs, the need to understand the effects of wildlife encounters on animal behavior and ecosystem health grows. This study draws on a 2025 roadside visitor study conducted at official and unofficial vehicle pull-offs in the Lamar Valley. We examine the perceptions and behaviors of visitors actively viewing wildlife. Findings aim to inform management strategies that support both wildlife protection and high-quality visitor experiences.					
Additional people involved in the presentation, if any					
Morgan Crump1,2, Derrick Taff2, Stephanie Freemar 1 Rubenstein School of the Environment and Natural 2 Department of Recreation, Park, and Tourism Man 3 South Dakota Game, Fish, and Parks 4 U.S. Fish and Wildlife Services	Resources, University of Vermo	ont			

Present a Paper		
Chloe	Big Sky Watershed Corps Me	mber
Flathead Lake Biological Station	Polson	Mo United States
chloe.czachor@flbs.umt.edu		
Protecting the waters of Montana through a Pesti	icide Stewardship Partnership	Program
One-sentence summary		
Attendees/audience members will gain a greater awasurface waters is crucial in Montana.	areness of why monitoring of pe	sticide concentrations in
Abstract		
Water quality monitoring is essential for assessing edeeping Montana's waters clean and clear for all. Perpopulated areas, agriculture, and other human source impacts on human and ecosystem health. However, concentrations in Montana's waters, so the magnitude Stewardship Partnership Program (MT PSPP) aims to water quality monitoring, community education and eupper Columbia River Basin (CRB). We will share our	sticide pollution of surface and ges is a threat to water quality are there is very little existing baselide of the problem is unknowable address that gap and reduce pengagement, and activities that	groundwaters from nd can have far reaching ine data on pesticide e. The Montana Pesticide pesticide pollution through improve water quality in the
Additional people involved in the presentation, if any		
Dr. Rachel Malison, Assistant Research Professor, P Partnership Program, Flathead Lake Biological Static	•	icide Stewardship
Janelle Groff, Research Coordinator for the Montana Lake Biological Station	Pesticide Stewardship Partners	ship Program, Flathead

Participate in the 3MR (Three-Minute Research Competition)				
Juia	Daniell	Master's Student		
University of M	ontana	Missoula	MT	United States
julia.daniell@ur	nontana.edu			
Proceeding w	ith Sound Judgment: Applied Sens	sory Biology and Wilderness Cl	naracter	
One-sentence s	ummary			
	have a more holistic understanding on a visitor experiences.	f the impacts of outdoor recreati	on and vis	sitation on
Abstract				
provide vital intities surrounding soundscapes the habituate to the sound-simulate aid land manager.	on explores the impacts of recreation formation for wildlife and humans aliked. Despite the growing number of visito wildlife and to visitors remains under ese sounds through experimental field ed "trails" and building on the method gers in making informed decisions on naintain the integrity and safety of the	te: every known vertebrate specilitors to U.S. parks and protected erstudied. This thesis examines had been dology of Zeller et al. (2024). The trail use, area closures, and perfections.	es utilizes d areas, th now mami on Nationa findings o	sound to survey e importance of mals may al Forest utilizing of this study may
Additional peop	le involved in the presentation, if any			

Organize an Information-Sharing Session: Invited Papers				
Juia	Daniell	Master's Student		
University of Mo	ontana	Missoula	MT	United States
julia.daniell@un	nontana.edu			
Wild, Bright, and Noisy: Exploring subtle "footprints" of recreation				
One-sentence su	ummary			
	nave a more holistic understanding of d visitor experiences.	the impacts of outdoor recreation	on and vis	itation on
Abstract				

This organized session explores the less obvious impacts of outdoor recreation on ecosystems, wildlife, and visitor experiences in the U.S. parks and protected areas. Through a mixture of methodologies and disciplines this session examines the effects of sensory pollutants—such as noise and light—and spatiotemporal recreation fluctuations on humans and wildlife. Dr. Newman will provide a synthesis of twenty years of research on sensory pollution in protected areas, while Dr. Taff and Dr. Crump focus on specific park units, Great Smoky Mountains and Acadia National Parks, respectively. Both Cronin and Daniell's work was conducted in the Greater Yellowstone Ecosystem. Together, these studies underscore the importance of developing effective strategies for balancing recreation with conservation.

Additional people involved in the presentation, if any

Julia Daniell, University of Montana. "Proceeding with Sound Judgment: Applied Sensory Biology and Wilderness Character." This study builds on previous research to examine how large mammals in Bridger-Teton National Forest may habituate to recreational sounds, offering insights for land management decisions to protect ecosystem integrity and visitor experiences.

Dr. Peter Newman, Pennsylvania State University, University of Vermont. "Sensory Pollutants in U.S. Parks and Protected Areas: A synthesis of visitor use management in relation to natural sounds and night skies."This presentation will be a review of research conducted in U.S. parks and protected areas over the last two decades with a focus on work conducted in collaboration with the National Park Service- Natural Sounds and Night Skies Division.

Morgan Crump, Pennsylvania State University, University of Vermont. "Exploring visitor support for management of artificial light and behavioral spillover in Acadia National Park and related ecological impacts." This project examines visitor perceptions, expectations, and support for natural night skies in Acadia National Park.

Dr. Derrick Taff, Pennsylvania State University. "Exploring NPS staff perceptions of artificial light in Great Smoky Mountains National Park- Functionality, Safety, and Conservation." This project focused on understanding National Park Service staff perceptions of artificial light at night in maintenance yards of Great Smoky Mountains National Park. (Presented by Morgan Crump)

Kelsey Cronin, University of Montana. "Managing Human Disturbance: Mandatory Closures and Loon Nest Success in the GYE. This presentation outlines preliminary investigation into recreational closures and loon nest success in the GYE.

Katherine Zeller, USFS

Present a Pape	r			
Curt	Davidson	Assistant Professor		
Utah State Univ	versity	Laramie	WY	United States
Curt.Davidson@	@usu.edu			
Urban Trails, V	Wild Spaces: A Model for Sustainal	ble Recreation in Redmond, Or	egon	
One-sentence se	ummary			
Attendees/audi	ience members will			
Abstract				
Redmond, Oregonal experiences rappreservation, a preferences, sa Master Plan, de	sents findings from a mixed-methods gon—a unique linear greenway integroid growth, this trail system is critical nd community well-being. Through 3 afety concerns, and infrastructure needs amonstrating how participatory research green spaces.	rating natural and urban environill in supporting active transportated as user surveys and interviews, eds. Results directly informed Re	ments. As tion, ecolo the study edmond's	Redmond ogical identifies user 2024 Parks
Additional peopl	le involved in the presentation, if any			
	D. Professor Emeritus, Indiana Unive Special Projects and Natural Resour	•	edmond, C	OR

Organize an Information-Sharing Session: Invited Pa	apers				
Shawn Davis	Associate Professor				
Slippery Rock University	Slippery Rock	PA	United States		
shawn.davis@sru.edu					
National Park and Wildlife Refuge Visitor Percept	tions of Climate Change				
One-sentence summary					
Attendees/audience members will better understand climate change.	d national park and wildlife refug	e visitors'	perceptions of		
Abstract					
National Park and Wildlife Refuge Visitor Perceptions of Climate Change will be an information sharing session based off of four related invited paper presentations. Based on the theme of responding to climate change, each of the four papers will cover a different aspect of a comprehensive survey effort of 20 different national parks and 12 different national wildlife refuges during the spring and summer of 2025. The survey investigated visitor's perceptions of climate change for use in designing interpretive/educational programs within these protected areas. Messaging and educational strategies, along with potential changes in visitation due to climate change, will be shared at both agency and regional levels.					
Additional people involved in the presentation, if any					
Co-organizer: Jessica Thompson, Professor, Northe	ern Michigan University				
Paper 1: The Six Americas of National Parks and Wi Rock University Paper 2: Climate Change Impacts, Adaptation, and Northern Michigan University Paper 3: Climate Change Messaging Strategies for Industrial University Paper 4: Visitors' Perceptions of Climate Change in Piette, Northern Michigan University	Visitor Behavior / Rosie Mousses Parks and Refuges / Mackenzie	au, Gradua Geary, No	ate Student, orthern Michigan		

Present a Poste	er						
Katie	Deuel	Senior Conservation Director					
Center for Larg	e Landscapes Conservation	Missoula	MT				
kdeuel@largela	kdeuel@largelandscapes.org						
	Through It: Assessing Road Mitigat Ecosystem, Zambia	ion Options for Wildlife in Kafu	e National P	ark and			
One-sentence s	ummary						
	ience members will learn about an un esults of the study.	ique and effective methodology	to study road	impacts and			
Abstract							
The M9 highway through Zambia's Kafue National Park is an important and busy roadway for motorists but for many animals, it's also a dangerous barrier. The Center for Large Landscape Conservation partnered with the Zambian Carnivore Programme on a road assessment to understand exactly where and how this road is putting wildlife at risk from collisions and habitat fragmentation. Our poster details the study and the results.							
Additional peop	le involved in the presentation, if any						

Present a Paper			
Mark Douglas	Assistant Professor of Outdoo	or Recreation Managem	ent
Davis & Elkins College	Elkins	WV United State	es
douglasm@dewv.edu			
Hyper Reality in Wall-E and Modern Life: Outdoor	Recreation Management Imp	lications	
One-sentence summary			
Attendees/audiences explore Wall-E's parallels with recreation management and outreach strategies.	modern society, gaining insights	s to enhance outdoor	
Abstract			
This paper examines the dynamics depicted in the a contemporary society, focusing on implications for of methodology and cultural touchstones, the study crotheories of hyper reality and the device paradigm. Ac escapism, efforts to colonize space, the role of Al in meaningful connections. The findings highlight the p dynamics and suggest strategies for leveraging cultuoutdoor activities.	outdoor recreation management. oss-references these dynamics we dditionally, the paper covers con overriding authority, and the important of outdoor recreation to	By employing existenti with Albert Borgmann's nections between pact of consumerism or counteract these negat	ial n tive
Additional people involved in the presentation, if any			
The lead author for this paper is myself, Mark L. Dous student at Davis & Elkins College.	iglas. The second author is Winit	fred Mayes, Undergrad	uate

Present a Paper			
Jazzelle Elias	Master's Student		
University of Montana	Missoula	Мо	United States
jazzelle.elias@umontana.edu			
Prescribed Fire Decision-Making: Implications for	r Parks and Protected Areas		
One-sentence summary			
Attendees/audience members will			
Abstract			
economies. Emerging work calls for a shift from wilds strategies like prescribed fire. Prescribed fire is a key and valued places. To understand how to increase presearch is needed on how decisions are made about managers in western Montana explored what constrative transcribed, coded, and analyzed. Findings should among organizations and agencies to increase the use	tool to reduce wildfire encroad rescribed fire use in and around ut when and where to burn. In-dains and supports decision-maked a desire and need for cross-k	hment and protected epth interving. Over boundary	d protect lives d areas, more views with fire 20 interviews
Additional people involved in the presentation, if any			

Present a Pape	r			
Mary	Engels	Assistant Professor		
University of Ida	aho	Moscow	Idah	United States
engels@uidaho	.edu			
The cleanup c	rew: valuing camp host litter interv	ventions in Northern Idaho recr	eation are	eas
One-sentence s	ummary			
	ience members will better understand camp hosts in managing that issue.	d the problem of litter in recreation	on areas, a	and the
Abstract				
outdoor recreation problems. Here Northern Idaho indicates that, a estimate that a in litter collection	tion opportunities, especially since the we present a study that characterized during the summer of 2021. Litter data a minimum, >50% of all litter gene cross 12 of the campgrounds in our son costs. Since this litter is dominant per experience but reduces environment.	ne COVID-19 pandemic, exacerbed litter from four State Parks an ata collected with the help of voluerated in the campgrounds is constudy, camp hosts saved managely composed of plastic (>75%), or	ates litter red one National value one National value on the little on t	management onal Forest in op hosts camp hosts. We re than \$50,000
Additional peopl	le involved in the presentation, if any			

Present a Paper					
Hilary Faxon	Assistant Professor of Environmental Social Science				
University of Montana	Missoula	MT United	States		
hilary.faxon@umontana.edu					
Global Biodiversity Data for Place-Based Conservation	vation				
One-sentence summary					
Attendees/audience members will better understand and the consequences for conservation.	I how social factors shape open	-source biodiversit	y data,		
Abstract					
With over 2 billion species observations, the Global Biodiversity Information Facility (GBIF) increasingly influences understanding of the natural world and guides conservation planning. But the data in this repository reveal more than biodiversity distributions: they reflect the legacies of colonial collecting, the infrastructures of international development, and contemporary cultures of political freedom. This paper draws on ongoing mixed methods research, including quantitative and spatial analysis of GBIF data and interviews with staff and data publishers around the world, to highlight key findings with relevance to parks stewardship. These include the drivers and consequences of private companies as contributors of open-source biodiversity data and the challenges and opportunities of GBIF data for subnational conservation planning.					
Additional people involved in the presentation, if any					
Ande Peersen, Masters's student, University of Mon Kyle Barbian, Undergraduate student, University of Melissa Chapman, Assistant Professor of Environment	Montana				

Present a Poster		
Paige Fery	PhD Candidate	
University of Utah	Salt Lake City	UT
paige.fery@utah.edu		
Connections to Nature and Knowledge: An Ecofe	minist Analysis of Fly-Fishing	Guiding
One-sentence summary		
Attendees/audience members will better understand shape outdoor recreation.	how colonial, patriarchal, and o	capitalistic power structures
Abstract		
Nature is political. The ways in which we have concessystems of power such as capitalism, colonialism, are outdoor recreation experiences, a feminist embodied subjective experiences of fly-fishing guides (n=6) and analyzed through a two-phased approach including scheme developed from ecofeminism. Initial findings how guides gain knowledge and connect with others in which societal power structures are mirrored in na	nd patriarchy. To explore how poly approach to narrative inquiry well their connections with nature at the application of thematic analyst reveal that knowledge sharing and nature. This research proves	ower structures shape vas utilized to explore the and knowledge. Data were ysis and an a priori coding is a critical component for
Additional people involved in the presentation, if any		
Jeff Rose, University of Utah		

Organize a Core Workshop Session: Presentations +	Audience Interaction
Nicholas Fisichelli	President & CEO
Schoodic Institute	Winter Harbor ME United States
NFisichelli@SchoodicInstitute.org	
Adapting to rapid change – on the ground and in	the water
One-sentence summary	
Attendees/audience members will learn from panelis management into the response to rapid change.	ts and one another on how to integrate science and
Abstract	
been a proliferation of decision support tools, framed rapid change. Yet, empirical evidence for on-the-ground the pace of change in parks is outpacing the abstrom leading scientists and practitioners who are test	nge is a critical conservation challenge today. There has works, and associated best practices for responding to und and in-the-water adaptation solutions is sorely lacking, ility of managers and scientists to respond. Come hear ting the solutions and advancing the leading edge of and questions in this interactive session and build your
Additional people involved in the presentation, if any	
Presenters/Panelists: Chris Nadeau, PhD Senior Scientist Schoodic Institute Mark J. Biel Natural Resources Program Manager National Park Service, Glacier National Park	

Organize an Information-Sharing Session: Sharing Circle				
Brian	Forist	Senior Lecturer-Parks, Recreation, & the Outdoors		
Indiana Univers	ity	Bloomington	IN	United States
bforist@iu.edu				
LGBTQIA2S+ S	Stories and Experiences in Place: C	Creating a Virtual Community f	or Learni	ng & Support
One-sentence su	ımmary			
	olks will leave knowing they are part on a support.	of and a potential designer of a s	supportive	e community
Abstract				
We are living through extraordinary and trying times in the U. S. and beyond. A variety of conditions pose significant challenges to LGBTQIA2S+ folks involved in place-based conservation and adjacent fields. By federal executive orders, discriminatory laws, internal policies, and actions taken by states, municipalities, non-governmental organizations, and businesses there has been a calculated and deliberate marginalization and disappearing of LGBTQIA2S+ voices and experience. To counter this, a virtual community for Queer folks in the field is proposed. Participants in this sharing circle will be asked to articulate their needs in the intersecting arenas of learning and support. Initial plans for this virtual community will be shared and thoughts on its future format, content, and individual roles in its design will be discussed by all.				
Additional peopl	e involved in the presentation, if any			

Organize an Information-Sharing Session: Sharing Ci	rcle		
Miranda	Graduate Research Assistant		
University of Montana	Missoula	MT	United States
miranda.foster@umconnect.umt.edu			
Focus Group for Updates to Digital Wilderness Ma	anagement Educational Resou	ırces	
One-sentence summary			
Attendees will learn about Wilderness Connect and it going efforts to improve the resource.	ts Toolboxes for wilderness man	agement	and assist on-
Abstract			
This sharing session will present Wilderness Connect, an interagency website and an authority for wilderness-related information. The site hosts a variety of toolboxes aimed at supporting practitioners and serves as a virtual repository for information sharing, skills, and practices related to various dimensions of wilderness management such as fire management, cultural resources, soundscapes, and partnerships. Through active audience feedback and guided discussion, this session seeks to identify any needs, limitations, and opportunities to improve the format, content, and breadth of the Wilderness Connect toolboxes. The insight gained will inform further applied research aimed to improve the existing toolboxes to best serve interagency wilderness managers and stewards amidst the evolving dynamics of federal land administration.			
Additional people involved in the presentation, if any			
Session Co-Organizers: Jaclyn Rushing, Heidi Blair, A	Andrew Larson, Miranda Foster		

Participate in the 3MR (Three-Minute Research Comp	petition)		
Miranda Foster	Graduate Research Assistant		
University of Montana	Missoula Mo United States		
miranda.foster@umconnect.umt.edu			
Visual Semiotics in Parks: Assessing Pictorial Syr	mbol Effectiveness in Outdoor Recreation Settings		
One-sentence summary			
The audience will gain insight into the power and lim recreation settings.	itations of symbol-based communication in outdoor		
Abstract			
areas. With this comes a challenge: how do we ensure the accessibility and safety of these spaces for everyone through clear, effective communication? One path for achieving this is through design. Symbol signs are meant to communicate across language barriers, but their effectiveness in outdoor recreation settings is understudied. Using mixed methodology, this research evaluated the comprehensibility and strength of design characteristics for symbol signs used in campground settings. Results informed an iterative redesign process to improve the effectiveness of symbols with evidenced low comprehension. This project aims to assist land managers in operationalizing access through evidence-based visual communication tools.			
Additional people involved in the presentation, if any			

Present a Pape	er			
Jaclyn	Fox Rushing	Affiliate Faculty		
University of M	lontana	Missoula	MT	United States
jaclyn.rushing@	@umontana.edu			
"It's a differer	nt culture here": Fostering inclusive	recreation through affinity saf	e spaces	
One-sentence s	summary			
Attendees/aud	lience members will better understand	d ways to enhance recreation rel	evance ar	nd inclusivity.
Abstract				
foster a more interviews with perceive the dominant recreenses engaging in co	—grassroots organizations created to inclusive way to engage in outdoor red affinity group participants across the ominant recreation culture as raced, geation culture, affinity groups act as sammunity-based recreation. Findings to viders who seek to foster inclusive spans	creation. Data were collected thre Northwestern U.S. Results indicated and exclusive. Through afe spaces that support diverse from this research have important	rough seme cate that possible some se and auther ant implicat	ni-structured participants paration from the entic ways of tions for
Additional peop	ple involved in the presentation, if any			

Participate in the 3MR (Three-Minute Research Competition)			
Abigail Fuesler	Ph.D. Student		
University of Montana	MISSOULA	MT United States	
abigail.fuesler@umontana.edu			
Electrifying Perspectives: Cyclist Perspectives Co	oncerning E-Bikes on Multi-U	se Singletrack	
One-sentence summary			
Attendees/audience members will learn about percep	ptions held toward e-bikes in M	lissoula, MT.	
Abstract			
Electric mountain bikes are increasingly popular among cyclists, yet, given federal and state policy restrictions on these bikes, they are rarely permitted on singletrack trails. Recognizing this opportunity, a multi-use trail network in Missoula, MT conducted a visitor use survey to gauge e-bike sentiment and determine whether to pilot e-bike access. This presentation will contain preliminary results, recommendations to policymakers and land managers, and suggested directions for future research.			
Additional people involved in the presentation, if any			

Present a Paper			
Seth Gibbons	STEAM Director NC State Museum		
NC Museums	Mt Airy	NC	United States
smgibbons@northcarolinamuseum.org			
Building a Community of Conservation: Inviting the	he Public to Participate in Wilc	dlife Resea	nrch
One-sentence summary			
Attendees/audience members will understand the di wildlife research, and potential outcomes.	ifference between citizen scienc	e and parti	cipation with
Abstract			
Wildlife research may have the potential to build publication. In the Spring of 2019, a research project was which involved the capturing barred owls and attach facilitate their presence in developed areas. The project capturing the owls on private property and inviting observe and interact with the owls. In 2023 semi-struproject to understand how their participation affected Results indicated a continued research community of	as conducted by a Clemson Uniting GPS transmitters in order to ject had a public involvement cog landowners and other member uctured interviews were performed their feelings of connection to	investigat omponent vers of the content with the content of the content of the content of the content of the owls for the owls for the content of the conten	e what features which consisted ommunity to articipants in the our years later.
Additional people involved in the presentation, if any			
Elizabeth D. Baldwin, co-author, co-presenter Kyle Barrett, co-author Aby Sene-Harper, co-author Corliss Outlley, co-author			

Present a Paper		
Devin Goodson	PhD Student	
Program in Ecology, Evolution, and Conservation Biology, University of Illinois at Urbana-	Urbana	Illin United States
devinjg3@illinois.edu		
Friend or Foe? Understanding the Spatial Distribu	ution of Benefits and Burdens	Provided by Urban Birds
One-sentence summary		
Attendees/audience members will better understand to foster coexistence in urban greenspaces.	I human-bird interactions and se	ocial-ecological strategies
Abstract		
Managing public urban greenspaces to foster coexist decision-makers to understand nature's diverse ben perceived qualities and impacts of urban birds, (2) explored burdens for residents, and (3) identify spatially explicated and a household survey, we engaged diverse resident generated from residents were modeled with landco social-ecological analysis, we identified high and low Our findings aim to guide local management decision	efits and burdens. Therefore, we valuate the importance of bird-coit places for human-bird interactions across twin cities in the Midwer, distance to public lands, and veriority greenspaces to promo	e aimed to (1) explore the derived benefits and ctions. Using focus groups western USA. Spatial data and bird diversity. From our ote positive coexistence.
Additional people involved in the presentation, if any		
Carena J. van Riper 1, 2 Henry Pollock 3 Mark E. Hauber 1,4		
1 Program in Ecology, Evolution, and Conservation I IL 61801, USA	Biology, University of Illinois at U	Jrbana-Champaign, Urbana,
2 Department of Natural Resources and Environmen Urbana, IL 61801, USA	ital Sciences, University of Illino	is at Urbana-Champaign,
3 Southern Plains Land Trust, Lamar, Colorado, USA	A	
4 Advanced Science Research Center and Programs University of New York, New York, NY 10031, USA	s in Biology and in Psychology,	Graduate Center of the City

Present a Poste	er			
Tabitha	Graves	Research Ecologist		
U.S. Geological	Survey	West Glacier	MT	
tgraves@usgs.g	gov			
Assessing poll	inator communities in national parl	ks		
One-sentence su	ummary			
	ence members will learn how effective information on pollinators.	e multiple potential approaches	are for gaining baseline	
Abstract				

Biologists struggle to achieve multiple research goals given limited time and budgets. We evaluated field and analytical tools to improve efficiency of surveys for insect community diversity and species of concern, which would allow managers to meet multiple goals with less field effort. Our team has assessed techniques including using photographs, visual-only surveys, eDNA from flowers, and a range of statistical designs to obtain robust assessments using minimally invasive approaches. Such approaches can be used to provide basic status information, inform ecological questions useful for conservation, and evaluate effects of management actions. These options provide managers with tools suited for engaging community scientists, require limited training, and simultaneously meet multiple goals efficiently.

Additional people involved in the presentation, if any

Eliza Stein, Contractor to the U.S. Geological Survey Gavin Cotterill, U.S. Geological Survey Will Janousek, U.S. Geological Survey Annie Colgan, University of Washington Erica Gustilo, University of Washington Michaela Grossklaus, U.S. Geological Survey Marissa Kaminski, U.S. Geological Survey Yer Lor, U.S. Geological Survey Stephen Spear, U.S. Geological Survey Clint Otto, U.S. Geological Survey Ralph Grundel, U.S. Geological Survey Amy Dolan, Xerces Society Rich Hatfield, Xerces Society Tara Carolin, Glacier National Park David Pilliod, U.S. Geological Survey

Present a Paper			
Amber Hawes	MS student (current) / PhD student (fall)		
University of Idaho	Central	SC	United States
amberkylahawes@gmail.com			
Do Themes Improve Visitor Outcomes In Interpre	tive Programs?		
One-sentence summary			
Attendees/audience members will be able to better estewardship intentions, and more.	enhance visitor satisfaction, app	reciation, r	elevance,
Abstract			
Thematic interpretation is widely promoted as being have suggested it may enhance visitor outcomes; ho changed over the past decade. In this study, we syst National Parks across the US, monitored the extent a The results suggest that programs with a clearly-comsatisfaction, appreciation, personal and societal relevinterpersonal relationships. These results have implied deliver interpretive programs to maximize visitor outcomes; ho changed over the past decade. In this study, we syst National Parks across the US, monitored the extent a Theorem 1997 that the past decade. In this study, we syst National Parks across the US, monitored the extent a three results suggest that programs with a clearly-comsatisfaction, appreciation, personal and societal relevant to the past decade.	owever, park visitor demographi tematically observed live interprand qualities of theme usage, and nmunicated and well-developed vance, stewardship intentions, reations for training and how inte	cs and experted and collected theme ender the collected theme ender the collected are the collected and the collected are the collected ar	ectations have ams at 331 d visitor surveys. ance others, and velop and
Additional people involved in the presentation, if any			
Robert B. Powell, Ph.D. (Clemson University) - author Marc Stern, Ph.D. (Virginia Tech) - author, but not att Kelley Anderson, Ph.D. (Virginia Tech) - author, but not attended to the state of the stat	tending		

Present a Poster			
Tom Heinlein			
Bureau of Land Management	Grand Junction	CO	United States
Multiple Use and Sustained Yield and the BLM's	National Landscape Conserva	tion Syster	n
One-sentence summary			
Attendees will understand core facts, purpose, scop System during its 25th anniversary year.	oe and scale of BLM's National L	andscape (Conservation
Abstract			
The Bureau of Land Management's multiple use and sustained yield mission, as defined in the Federal Land Policy and Management Act, was an important consideration when the National Landscape Conservation System was established. These BLM conservation areas that are designated by Congress or the President, allow for a wide range of uses—including recreation, grazing, scientific research, active habitat restoration, and other activities associated with working lands—to continue so long as they are consistent with the specific uses found in the legislation or proclamation establishing the unit. For ranchers, recreationists, and others, the NLCS offers a reimagined approach to collaborative conservation. This poster will highlight examples of how the Bureau melds conservation designations with its multiple use and sustained yield mission.			
Additional people involved in the presentation, if any			
 Fritz Klasner Suzanne Copping James Sippel Britta Nelson Matt Magaletti Peter Keller 			

Present a Paper			
Paul Heintzman	Professor		
University of Ottawa	Ottawa	Ont Canada	
pheintzm@uottawa.ca			
An Updated Model of Park Experience and Spirit	ual Outcomes		
One-sentence summary			
Attendees will learn about the spiritual outcomes of the implications for park management.	park experience, the factors that	contribute to them, and	
Abstract			
In recent years there has been increasing research on the spiritual outcomes of park experience. This presentation updates a decade-old model that summarizes and synthesizes extant empirical research on these outcomes. Antecedent conditions (personal history, current circumstances, attitude, motivation, socio-demographic characteristics, spiritual tradition), setting components (being in nature, being away to a different environment, place processes such as place attachment and place meanings) and recreation components (activity, free time, solitude, group experiences, facilitation) together lead to outcomes of spiritual experiences, spiritual well-being, and leisure spiritual coping. This up-to-date model describes the complexity of the park experience and spirituality relationship. Implications for park management are discussed.			
Additional people involved in the presentation, if any			

Present a Pape	r				
Greta	Helfenstein		Recent graduate of Eastern W Historical Research Assistant		_
Historical Proje	cts LLC		Newman Lake	Was	United States
gretahelfenstei	n123@gmail.com				
Planting the S	eeds: The Roots of Modern Forest	t C	Conservation in Colonial Ame	rica	
One-sentence su	ummary				
	bers will learn about the origins of fo conservation ethic.	ore	est preservation law in the Unite	ed States a	and the history of
Abstract					
centuries, arou conservation et viewed resource encountered. Preventing exce	s of forest conservation law in the Unnel Ind the founding of our first National Inthic existed much earlier. Contrary to see as limitless, many colonies were only the Colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and Pennsylvessive cutting and unauthorized burnation by balancing resource use and particular the colony (1626) and Pennsylvessive cutting and particular the colony (1626) and Pennsylvessive cutting and particular the colony (1626) and Pennsylvessive cutting and particular the colony (1626) and particular the co	Pa o tl co vai vai nin	arks. However, there is evidence he perceptions of Colonial Ame oncerned about protecting the r nia (1681) both wrote laws to p ng. These colonial policies set t	e that a werica as a resources rotect the	ilderness time when people they ir forests,
Additional people	le involved in the presentation, if any	,			

Organize an Information-Sharing Session: Affinity Group Meeting				
Cait		Associate Researcher		
Michigan State University		East Lansing	MI	United States
Henryca8@msu.edu				
LGBTQIA+: Fostering Commun	ity by Sharing Fac	ed Challenges and Successes	-Workin	ng Group soft
One-sentence summary				
Attendees will (re)build an inspire heterogeneous, cisgender identit		een like-minded individuals who	exist ou	tside the dominant
Abstract				
The LGBTQIA+ Experiences and Stewardship Forum inspired the George Meléndez Wright Society for safe spaces for queer folks w federal institutions. Although the participants have expressed internetworking. This is especially crit Meeting is that it would become	creation of both this y, which will be softly ho are passionate a LGBT Outdoor Sun rest in continued co tical in a time under	s affinity meeting and a LGBTQIA y launched at this affinity meeting about public lands conservation nmit has witnessed five success ommunity connections that also the current U.S. administration.	A+ working. There that is no ful events offer a wi	ng group within the is a growing need to directly tied to s, multiple der scope of
Additional people involved in the p	presentation, if any			
Dr. Brian Forist of Indiana University	sity is the co-lead o	f the GWS LGBTQIA2S+ workin	g group	

Present a Poste	ər			
Cait	Henry	Associate Researcher		
Michigan State	University	East Lansing	MI	
Henryca8@msi	J.edu			
Loved to Deat	h: Evaluating degraded areas alon	g the Manistee River Trail		
One-sentence s	ummary			
	d degraded areas require high levels future generations.	of management action to ensure	e sustainable	trail systems
Abstract				
Trail within the like informal ca final stages of	f this poster is to share findings of the Huron-Manistee National Forest Train mpsites and trails, eroded trail sections technical report writing and will provious ther highly degraded trail sections.	I System. Findings include myria ons, and other general problem a	d areas of high areas. This pr	gh degradation oject is in its
Additional peop	le involved in the presentation, if any			
	iversity of Tennessee (M.S.)			

Present a Paper				
Cait	Henry	Associate Researcher		
Michigan State Un	niversity	East Lansing	MI	United States
Henryca8@msu.e	edu			
Repetitive Comp	oulsions of Trauma: Perpetuating	White Masculinity at U.S. Civil	War Bat	ttlefields
One-sentence sum	nmary			
	embers will better understand why taluated for ethical use.	raditional battlefield interpretatio	n in the L	Jnited States
Abstract				
memories of the looperationalizing to violence partially those which celebratery at looperation at looperation.	o critically analyze the confluence but U.S. Civil War through Manassas Natrauma as repeated violent acts with stems from the glorification of herebrate the Confederacy. International MANA to foster narratives of empathe. Visitors do not leave MANA with the tools for championing their own	lational Battlefield Park (MANA) in this public spaces, we posit that bic white masculinity at Civil War all battlefields are utilized as example and responsibility within an interpolation and managers about the social and managers.	interpreta the normal battlefield aples for e acreasingla noral impli	ation. alization of d sites—especially expanding ly contentious ications of the U.
Additional people	involved in the presentation, if any			
Sarah Jackson at	t Kansas State University is the co-	author of this paper presentation		

Present a Paper			
Cait M. Henry	Associate Researcher		
Michigan State University	East Lansing	MI	United States
henryca8@msu.edu			
Companion displacement as a novel social dimen	sion of recreation adaptation	coping r	mechanisms
One-sentence summary			
Attendees/audience members will explore a social coprotected area relevance and stewardship.	omponent to displacement and	its implic	ations for
Abstract			
Encountering undesirable site conditions may imped leading to coping behaviors including displacement. social conditions yet in notably asocial terms: spatial evidence across multiple, diverse protected areas stradaptations: companion displacement or changing gopportunity to examine how group composition may correspondingly influence decisions about providing characteristics (who, where, when, what, and with where	Displacement has been studied, temporal, activity, and total displace udies for a fifth type of displace group composition in response to change or otherwise influence site information, understanding	d in relations in relations in relations in the color of	ent to influential site ent. We present eaking to social nditions. There is ment types and ement
Additional people involved in the presentation, if any			
Elizabeth Perry, Michigan State University			

Organize a Core Workshop Session: Presentations +	Audience Interaction			
Fred Herling	Retired; currently on the GWS Board (and serving as GWS President)			
George Wright Society	Virginia Beach	VA United States		
fherling@georgewright.org				
Strengthening the partnership between GWS and	students/young professionals	s in 2025 and beyond		
One-sentence summary				
Session outcome: develop priority actions to advance professionals involved in conservation.	e GWS improvements that supp	port students/young		
Abstract				
The George Wright Society is re-evaluating its progracareers. This listening and discussion session will plate the GWS can best support students and young professpecially important in light of the many unprecedent administration. GWS and session participants can plasolutions with a wide range of partners.	ay an important role in the mean essionals. Developing and taking ted, harmful actions of the curre	ningful refocusing of how g action on strategies is ent US federal		
Additional people involved in the presentation, if any				
Session Leaders: Fred Herling, GWS Caitlin Henry, GWS Board Member and Michigan State Evelyn Peat, MS Student, Kansas State University	ate University			

Participate in the 3MR (Three-Minute Research Competition)				
Elizabeth	Himschoot	PhD Candidate		
Penn State		State College	PA	United States
eah5993@psu.	edu			
Caring for Tho	ose Who Care for Parks: Exploring I	Mental Health Resource availa	bility acr	oss the NPS
One-sentence s	ummary			
	ience members will better understand across NPS roles.	the importance of access to me	ental heal	Ith resources and
Abstract				
underappreciation National Parlaccess and aw of current and national and parlacement from looking be	enough park rangers to meet global content and under-equipped. In the United ks, among rangers, as they are conting areness of mental health resources are retired rangers allow for an explorationark specific program development. Im eyond what is provided to examine the how that varies across roles and expense.	d States we have seen increasing ually asked to "do more with less cross park ranger roles in company of trends and will be connected proving the mental health of Native level of awareness and perceive	g rates of ss". This sarison with the interior of the the interior of the inte	f crime and suicide study looks at the stigma. Surveys mplementation of the rangers comes
Additional people	le involved in the presentation, if any			

Present a Poster			
Elizabeth Himschoot	PhD Candidate		
Penn State	State College	PA	United States
eah5993@psu.edu			
Conservation Behind the Scenes: Stress, Interper	rsonal Relationships, and Job	Satisfact	tion in the NPS
One-sentence summary			
Attendees/audience members will better understand satisfaction across different NPS roles.	how stress and interpersonal re	elationshi	ps influence job
Abstract			
National Park Rangers have a variety of different role conditions and stress experienced by rangers has in rangers face precarious working conditions, includin Calls have been made to help better understand mental than the survey examines how workplace culture, define workers, influences stress levels, access to mental hin the National Park Service. The results of this study individuals responsible for preserving natural and culture.	creased significantly over the lage "income inadequacy" and "lage ntal health, well-being, and worked by interpersonal relationships lealth resources, and job satisfage can be used to evaluate the health resources.	st five yeack of right king cond with supe ction acre	ars. Internationally ts and protection." litions for rangers. ervisors and co-
Additional people involved in the presentation, if any			

Present a Paper			
Vivian Hulugh	Master's Student		
South Dakota State University	Brookings	SD	United States
vivian.hulugh@jacks.sdstate.edu			
Assessment of Conservation Planning in South Da	akota: Challenges and Opport	tunities	
One-sentence summary			
Attendees/audience members will understand the ch	allenges and oportunities in cor	nservation p	olanning.
Abstract			
Natural resource managers are expected to make so social-ecological interests. However, they face challed public participation, and the application of climate in approach, including 35 expert interviews and content absence of complementary goals between federal, strengagement methods often resulting in low engagement data. Conservation outcomes can be more sustainable perspectives are incorporated, and clear guidance experts a superior of the public participation of climate in approach, including 35 expert interviews and content absence of complementary goals between federal, strengagement methods often resulting in low engagement data. Conservation outcomes can be more sustainable perspectives are incorporated, and clear guidance experience.	enges related to effective collaboration. We used an inductive translysis of 53 conservation plates, and nonprofit organizations nent; and limited understanding ole when collaborative efforts are	oration, rep e, qualitative ans. Our stu s; inadequa and applica	resentation in e research Idy identified the te public ation of climate
Additional people involved in the presentation, if any			
Jennifer Zavaleta-Cheek Assistant Professor, South Dakota State University			
2. Lauren Redmore Research Social Scientist, Aldo Leopold Wilderness	Research Institute		

Present a Paper			
William Janousek	Biologist		
U.S. Geological Survey	West Glacier	MT	United States
wjanousek@usgs.gov			
Climate-driven factors and mountain goat declin	nes in Glacier National Park		
One-sentence summary			
Attendees/audience members will leave with a bette population trends, and what the future holds.	er understanding of the ecology of	of mountai	in goats,
Abstract			
Mountain goats are an iconic species of Glacier Nationary of the millions of visitors to the park each y species like mountain goats. We used a 12-year citi mountain goats in Glacier National Park. Median go 77.8 (95% CRI = 64.4, 95.1) in 2008 to 42.3 (95% CI classifying a population as vulnerable (>30% declin mechanisms of declines and ongoing research to exknowledge for conserving this species at the souther	vear. However, a shifting climate izen science dataset to estimate pats per site declined by 45% (98 RI = 34.3, 52.2) in 2019, exceeding over only 2 generations). We want to be stimate population size and generated	threatens population % CRI = % ng IUCN cr will discuss etic structu	alpine-adapted n trend of 32%, 57%) from riteria for s the ire - crucial
Additional people involved in the presentation, if any			
Co-authors			
Tabitha A. Graves - U.S. Geological Survey, Northe West Glacier, Montana, 59936.	rn Rocky Mountain Science Cent	ter, Glacie	r Field Station,
Michael J. Yarnall, Montana Fish, Wildlife, and Park	s, Livingston, MT, 59047		
Jami Belt - National Park Service, Glacier National	Park, West Glacier, Montana 599	936.	

Present a Poster			
Natalia Jaramillo	PhD Student		
UNiversity of Idaho	Moscow	Idah	United States
nataliajm@uidaho.edu			
Harnessing Remote Sensing Technologies to Mor	nitor Tourism Impacts in the A	intarctic P	eninsula
One-sentence summary			
Attendees will understand how remote sensing enhances ecosystems and informs environmental management	· ·	acts on Ant	tarctic
Abstract			
The rapid expansion of tourism in the Antarctic Penir strategies remain insufficient. This research explores tourism-related changes in the Antarctic landscape. multispectral sensors, it aims to develop a methodole and composition in key tourism "hotspots." Remote studying sparse Antarctic vegetation and broader land NDVI, this study will assess the feasibility of using highlinked to seasonal human activity, informing long-term	the application of remote sensi Using drones equipped with hypogy for detecting changes in vegoensing offers a non-invasive, so analyzing gh-resolution spectral data to transport the sension of the sen	ng technologerspectral getation he calable appropries	ogies to evaluate and alth, distribution, oroach to nindices like
Additional people involved in the presentation, if any			
Paul Gessler, PhD, Professor of Remote Sensing, Ge College of Natural Resources, University of Idaho.	eoEcology, and Environmental S	cience	
Chris Zajchowski, PhD, Assistant Professor; Parks, T College of Natural Resources, University of Idaho.	ourism, and Recreation Ecology	Y	

Present a Paper			
Jeffrey	Associate Professor		
University of California, Merced	Mariposa	CA	United States
jjenkins8@ucmerced.edu			
Assessing the efficacy of reservation systems and	d effects of climate extremes	on recrea	tional access
One-sentence summary			
Attendees/audience members will better understand extremes have on visitation trends.	the different effects that reserva	ation syste	ems and climate
Abstract			
Reservations systems can have varying effects on data adjust their trip planning. Climate change extremes a ways. Managerial and climatic systems exhibit different attempted to compare the effects among a population reservation system in place at Yosemite with recording higher elevations, led to higher use, but spatially contant traffic congestion. We compare 2023 with other and climate conditions on park visitation, overnight uses	and associated hazards limit and ent influences on visitor access, on of visitors. In 2023, the comb wet conditions and road closure strained mobility, resulting in my years to assess the influence of	d enable ad however to however to however to however to how the however to how the how	ccess in different few studies have no day-use ing access to ed conditions
Additional people involved in the presentation, if any			
Managed access/reservation systems as additional to	heme		

Participate in the 3MR (Three-Minute Research Competition)					
Hayley	Research Assistant				
University of Montana	Missoula	Мо	United States		
hayley.johnson@umconnect.umt.edu					
Pathways to Camping Access in the Rural America	can West: An Application of Ac	ccess The	eory		
One-sentence summary					
Attendees will understand the pathways to public calleisure constraints theory and access theory.	mping access and key distinction	ons betwe	en traditional		
Abstract					
On public lands, everyone has equal rights to particip camping. Access to camping in North America, hower White and relatively wealthy. Through a unique appropriate traditional leisure constraints theory to further examinances to camping in rural the American West. Result capital, knowledge, and rights-based access as six in and environmental justice, this study is key for public facilitating inclusive and equitable access to camping	ever, has historically been prefer bach, this study applied access he who has access to camping lts identified technology, social important pathways to accessing cland managers striving serve the	rential to t theory rat and how c relations, s g camping	hose who are her than campers gain social identity, g. In light of social		
Additional people involved in the presentation, if any					

Organize an Information-Sharing Session: Invited Papers					
Hayley	Johnson	Research Assistant			
University of M	ontana	Missoula	Мо	United States	
hayley.johnson	@umconnect.umt.edu				
Taking Stock During a Watershed Moment in Recreation Allocation					
One-sentence se	ummary				
Attendees will l	petter understand the nuances and ir	npacts of recreation allocation d	esign and	planning.	
Abstract					

This session will include four complementary paper presentations focused on recreation allocation. The first assesses the influence of managed access and climate conditions on overall Yosemite NP visitation, overnight use types, and vehicle counts in 2023. The second assesses the effects of allocation mechanisms and use types on racial and income diversity using 2022 RIDB reservation records and U.S. census data. The third focuses on a 2024 study that examined access to front-country camping in rural western US and compares enabling pathways of camping access across campsite allocation methods. The final focuses on a study to be undertaken in 2025 in two urban-proximate national forests to understand visitor allocation system preferences towards fees, permit distributions, and communication strategies.

Additional people involved in the presentation, if any

Session co-organizers: Hayley A. Johnson, William L. Rice, Abigail Fuesler

- 1. Assessing the efficacy of reservation systems and effects of climate extremes on recreational access presented by Jeffrey Jenkins, University of California, Merced; Adrienne Marshall, CO School of Mines; Sheri Shiflett & Rachel Mattos, National Park Service; Isaac Sanchez, University of California, Merced; Nicole Athearn, National Park Service
- 2. Diversity in the rationing outcomes of U.S. recreation resources: A decision tree analysis presented by Yaqi Gong, Pennsylvania State University; Haiyan Wang, Hainan Normal University; Bing Pan, Pennsylvania State University; William L. Rice, University of Montana
- 3. Investigating recreation rationing and camping access through the lens of access theory: A case study in the rural American West presented by Hayley A. Johnson, William L. Rice, Hilary O. Faxon, & Ethan S. Walker, University of Montana
- 4. Visitor preferences regarding allocation of day-use wilderness permits in two national forests presented by Abigail Fuesler, William L. Rice, & Kelsey E. Phillips, University of Montana; Christopher A. Armatas, Aldo Leopold Wilderness Research Institute

Organize an In	formation-Sharing Session: Sharing C	ircle		
Shawn	Johnson	Director		
UM Center for Environmental	Natural Resources and Policy	Missoula	MT	United States
shawn.johnsor	n@mso.umt.edu			
Connecting P	eople and Place			
One-sentence s	summary			
Attendees will engagement.	share insights, build connections, and	d explore strategies for inclusive,	meaningf	ful community
Abstract				
Yet, implement relationships, a shapes complete with others wh	ment is vital for conservation, climate ting meaningful initiatives can feel darend overcome participation barriers? ex decisions? This sharing circle is for are. Through participatory discussion are. Through participatory discussion pactful, inclusive engagement. Attendideas.	unting. How do you build trust, for How do you welcome conflict and those actively engaging the pubon, we'll explore experiences, ch	oster long- d ensure o blic or seel allenges, a	term community input king to connect and best
Additional peop	ole involved in the presentation, if any			
* Richard Forb * Alexis Gibsor * Nick Maya - o	n - co-organizer - UM Center for Natues - co-organizer - UM Center for Natues - co-organizer - UM Center for Natuco-organizer - UM Center for Natural ses - co-organizer - UM Center for Na	tural Resources and Environmental Resources and Environmental Resources and Environmental Po	tal Policy I Policy olicy	

Organize a Core Workshop Session: Presentations +	Audience Interaction		
Shawn Johnson	Director		
UM Center for Natural Resources and Environmental Policy	Missoula	MT	United States
shawn.johnson@mso.umt.edu			
Engagement Best Practices for Place-Based Con	servation, Adaptation, and Inc	lusion	
One-sentence summary			
Attendees will gain tools to enhance inclusive engage effective conservation solutions.	ement, overcome barriers to par	ticipation,	and co-develop
Abstract			
Effective engagement is key to conservation success heritage, fostering economic development, and integration interactive workshop will equip participants with ecological viewpoints into engagement strategies the Case studies at local, regional, and national scales will dialogue. Participants will then explore strategies for conservation solutions and leave with practical tools.	grating diverse perspectives into n best practices for weaving cult at enhance resilience, equity, an will showcase approaches for fos r engaging diverse stakeholders	managemural, econo d connecti stering incl in co-deve	ent decisions. omic, and ion to place. usive, informed
Additional people involved in the presentation, if any			
* Travis Anklam, Collaborative Learning Program Directory - co-organizer/co-presenter * Heather Stokes, Director of Practice, UM Center for organizer/co-presenter * Jennifer Thomsen, Program Director, UM Parks, To * Alexis Gibson, Sr. Project Manager, UM Center for the story of the second seco	r Natural Resources and Enviror ourism, and Recreation Manager	nmental Po ment - co-p	olicy, co- oresenter

Present a Paper					
Glenys	Specialist (Evaluation), Tasmania Parks & Wildlife Servic (Australia)				
n/a	Blackmans Bay	Tas Australia			
glenys.jones@outlook.com					
Demonstrated success stories in protected area a (Australia)	and conservation managemen	nt from Tasmania			
One-sentence summary					
Attendees/audience members will see demonstrated management from Tasmania Australia.	case studies of effective protec	cted area and conservation			
Abstract					
This paper showcases selected case studies of effect Tasmania (Australia). The case studies are [to be] feat being produced and expected to be completed by M protected area managers, practitioners, stewards, expressions in effective protected areas management.	tured in an open-access online lay 2025] that will serve as mode ducators, students and everyone	training resource [currently el and inspiration to			
Additional people involved in the presentation, if any					
Title: "Case studies in effective parks management from This proposal is for a paper/presentation describing a Protected Areas Collaboration. Partners in the project Tasmania, Parks and Wildlife Service Tasmania, and I represent PWS on the project team; however I would personal capacity.	a collaborative project undertake et are the Tasmanian Land Cons Conservation Management.	servancy, University of			

Present a Pape	r			
Kate	Jones	Research Scholar		
North Carolina	State University	Cary	Nort	United States
kejones8@ncsi	u.edu			
Geospatial too	ols for collaborative climate adapta	tion planning at NPS mid-Atlan	tic battle	field parks
One-sentence s	ummary			
Attendees will to climate char	better understand how the National P nge.	Park Service is assessing cultural	landscape	e vulnerabilities
Abstract				
composed of N Center for Land we are 1) comp 2) developing a scenarios and designed to be	ping a cultural landscape climate char NPS Climate Response Program staff, dscape Preservation, and a multidisci ciling geospatial databases that addre a geospatial interface that allows the of guide place-based adaptation strateg e scalable to parks across the region. The and "Integrating Natural and Cultural"	, resource managers from NPS poliplinary team from North Carolinaless data gaps and inform cultural CCVA to be assessed under multiplies. The geospatial tools and the Our paper presentation connects	ark units, State Units I landscap iple climate CCVA fractions with the	the Olmsted versity. Together e conditions, and te change mework are
Additional peop	le involved in the presentation, if any			
Kate Jones, Je Kate Dean-Mc	elena Vukomanovic, Rachel Layko, Ko Kinney	ofi Boone, John Millhauser, Erin S	eekamp, (Garrett Silliman,

Present a Pape	r			
Seth	Kannarr	PhD Candidate		
University of Te	ennessee	Knoxville	TN	United States
stjkannarr@gm	ail.com			
What's In a Na	ame? Reimagining the Geography o	of Naming Designations in the	U.S. N.P.	S. System
One-sentence su	ummary			
	learn about the critical importance of f my dissertation work.	place naming and naming desig	nations to	o parks/protected
Abstract				
known and high many NPS unit many visitors we intend to addres oriented criteria 433 NPS units	nal Park Service (NPS) manages 433 hly visited 'National Parks'. The criter is have naming designations that do right unfulfilled expectations that diminess this issue by collaborating with keat to better classify these NPS sites. Twith the new criteria, explore the geoal opportunity for policy intervention.	ria for these naming designations not align with their characteristics hish their experiences. As part of by stakeholders to create a new so his work will carry out a systematic graphic context of each potential	are vagues. This dis my disse set of des atic reclas	ue at best, and sconnect provides ertation work, I scriptive, objectivessification of all
Additional peopl	le involved in the presentation, if any			

Participate in the 3MR (Three-Minute Research Competition)					
Seth Kannarr	PhD Candidate				
University of Tennessee	Knoxville	TN	United States		
stjkannarr@gmail.com					
What's In a Name? Reimagining the Geography of	f Naming Designations in the	U.S. N.P.S	5. System		
One-sentence summary					
Attendees/audience members will learn about my disnaming designations within the NPS system.	ssertation research into the geo	graphy of p	place naming and		
Abstract					
The U.S. National Park Service (NPS) manages 433 uprovided by the NPS for these naming designations a have naming designations that do not align with their to unpack the complex history that has led to the curdesignations to place naming scholarship. To critical experts/stakeholders to create a new set of description parameters, uses legacy NPS terminology, and is aligned. NPS sites.	are vague at best, and many No characteristics. In my disserta crent state of NPS system and t ly address this systemic issue, ve, objective-oriented criteria the	PS units action researd the importal am collab	ross the system ch, I have begun noce of naming orating with tes geographic		
Additional people involved in the presentation, if any					

Participate in the 3MR (Three-Minute Research Competition)								
Emma Keinath-Lopez	Research Assistant							
University of Montana	Missoula	MT	United States					
emma.keinath-lopez@umconnect.umt.edu								
Motivations behind social trail usage at Delta Lak	e in Grand Teton National Par	k						
One-sentence summary								
Attendees/audience members will understand social Parks.	trail usage in relation to sustain	able touris	m in National					
Abstract								
With increased visitation to National Parks combined leading to the "destination social trail." Social trails he concerns, while also highlighting a unique way in whit understand the "why" behind social trail usage to hele safety, preserve and protect park resources, and ada approach of digital media discourse analysis, interview supplemental participant observation - data will be coinsight into understanding their visitors, which offers	ave been found to have environich visitors interact with parks. The park management understant their management strategies was with social trail users and intellected and analyzed to help parts.	mental and This study of d visitor news. Through formed pa ark manag	d safety aims to eds, ensure a qualitative rk staff, and ement gain					
Additional people involved in the presentation, if any								
N/A								

Present a Pape	r			
Sam	Kellogg	Postdoctoral Fellow		
University of Mo	ontana	Missoula	MT	United States
sam.kellogg@u	montana.edu			
Fear of a Digit	al Planet: Wireless Politics in U.S.	National Parks		
One-sentence s	ummary			
	ience members will understand with of the least section of the least sec	greater nuance recent conflicts a	around ce	ellular connectivity
Abstract				
lands, particula —a digital bligh expanding cove and budget cut debates, identi- the ways that b	ave seen a rash of controversies surrarly in U.S. National Parks. Digital controversing wilderness character or disterage as an element of safety, a drivents, or as a method to improve access fies some of the political, economic, pattles over digital infrastructures both forms of environmental relation.	nnectivity is experienced by some squieting nature's solitude—while er of rural economic growth, a so sibility. This presentation maps the and ideological stakes which un-	e as intru e others a plution to ne contou derpin the	sive and polluting argue in favor of labor shortages are of these em, and assesses
Additional peopl	le involved in the presentation, if any			

Present a Paper					
Lydia Kiewra	PhD Candidate & Graduate Re	hD Candidate & Graduate Research Assistant			
Michigan State University	East Lansing	MI	United States		
kiewraly@msu.edu					
Scaling up and scaling out: engaging wildlife man	nagers in system-wide visitor i	use thinki	ng		
One-sentence summary					
Attendees will feel empowered to apply collaborative studies.	e approaches for selecting sites	for visitor	use management		
Abstract					
Across the U.S., public land managers must balance challenge necessitates the use of recreation frameworks require prior site knowledge and are often managers must assess entire public land systems, a can help by analyzing visitor patterns across systems highlighting a Michigan case where wildlife managers Integrated Recreation Amenities Framework to select	orks and collaboration to upholo en applied to individual or simila complex task given agency cor s. Our research enhances site s s and social scientists used the	d agency or sites. Inconstraints. Selection for the delayer of the	goals. However, creasingly, Social scientists or visitor studies, ethod and		
Additional people involved in the presentation, if any					
Other authors: Elizabeth E. Perry (Department of Cor Lansing, USA), Emily F. Pomeranz (Department of Fis Lansing, USA), and Melissa J. Nichols (Michigan Dep USA)	sheries and Wildlife, Michigan S	tate Unive	ersity, East		

Present a Poster			
Min Kook Kim	Assistant Professor		
Stockton University	Galloway	NJ	United States
mkkim2@gmail.com			
Lessons from the Summits: Evaluating Vegetation	n Management Effectiveness l	Using Re	mote Sensing
One-sentence summary			
Attendees will gain insights into the effectiveness of using remote sensing technology.	management strategies for pror	noting ve	getation recovery
Abstract			
Effective management strategies to mitigate visitor in recreational areas. This study evaluates management Mountain Summits in Acadia National Park, utilizing assess changes in vegetation cover. Findings show ecological restoration at Cadillac, improved vegetation and Sargent led to declines in vegetation. The study promoting vegetation health and demonstrates how recreation ecology.	nent approaches at Cadillac, Per remote sensing data from 2010 that intensive management, suc on cover, whereas less intensive highlights the importance of eff	nobscot, a -2018 and th as physe strategie ective ma	and Sargent d 2001-2021 to sical barriers and es at Penobscot anagement in
Additional people involved in the presentation, if any			
John Daigle, co-author			

Present a Paper			
Min Kook Kim	Assistant Professor		
Stockton University	Galloway	NJ	United States
mkkim2@gmail.com			
Lessons from the Summits: Evaluating Vegetation	n Management Effectiveness I	Jsing Rer	note Sensing
One-sentence summary			
Attendees will gain insights into the effectiveness of using remote sensing technology.	management strategies for pror	noting vec	etation recovery
Abstract			
Effective management strategies to mitigate visitor in recreational areas. This study evaluates managem Mountain Summits in Acadia National Park, utilizing assess changes in vegetation cover. Findings show the ecological restoration at Cadillac, improved vegetation and Sargent led to declines in vegetation. The study promoting vegetation health and demonstrates how recreation ecology.	ent approaches at Cadillac, Per remote sensing data from 2010- that intensive management, suc on cover, whereas less intensive highlights the importance of eff	nobscot, a -2018 and th as physi e strategies ective mar	nd Sargent 2001-2021 to cal barriers and s at Penobscot nagement in
Additional people involved in the presentation, if any			
John Daigle, co-author			

Present a Poster				
Min Kook	Kim	Assistant Professor		
Stockton Unive	ersity	Galloway	NJ	United States
mkkim2@gmai	l.com			
Optimizing Ve	egetation Indices for Enhanced Mar	nagement of Parks and Protect	ed Areas	
One-sentence s	ummary			
	learn how different vegetation indices arks and protected areas.	s can improve vegetation monitor	ing and n	nanagement
Abstract				
This study compares top-of-atmosphere radiance (TOAR) and atmospherically corrected surface reflectance (SR) data for detecting vegetation cover changes in Acadia National Park. SR data typically requires more preprocessing and atmospheric correction, which can lead to over-correction and loss of key information. Using PlanetScope data, we applied pre-classification change detection with NDVI and ARVI indices to assess vegetation dynamics. Results show that modified ARVI indices from SR data, with controlled red or blue bands, achieved the highest accuracy (87.58% and 89.44%) compared to other combinations. These findings suggest SR data could offer better insights for monitoring vegetation changes, enhancing management strategies and improving monitoring techniques with new indices.				
Additional peop	le involved in the presentation, if any			
John Daigle, co	o-author, University of Maine			

Present a Poster				
Isabelle Kostelnick	Master's Student			
Oregon State University	Old Town	ME		
izzykostelnick@gmail.com				
Having Reservations? The Impact of Recreation.	Gov on Visitor Experiences at	Acadia National Park		
One-sentence summary				
Attendees/audience members will understand key fa Acadia National Park.	ctors influencing visitor percept	ions of Recreation.gov at		
Abstract				
Recreation.gov is an essential tool for National Park Service visitor use management, but visitor impressions to the platform are mixed. This study examined perceptions of Recreation.gov at Acadia National Park, focusing on how attitudes toward the platform relate to place attachment, trip intentions, and broader use limit preferences. Surveys were distributed via QR codes at reservation-required sites (Blackwoods Campground and Cadillac Mountain). Findings suggest visitors were generally neutral to somewhat favorable of the platform, with trends indicating that increased implementation was desired in certain areas of the park. Generally, stronger place attachment was linked to greater platform support. Results provide key insights aiding in efforts to improve Recreation.gov for both park managers and visitor stakeholders.				
Additional people involved in the presentation, if any				
Dr. Jessica Leahy, Professor in School of Forest Res	sources, University of Maine			

Present a Poster				
Sarah Krzemien	Master's Student			
Michigan State University	Waterford			
krzemie8@msu.edu				
Recreating Together: Displacement Types and He	ow they Vary in Multigenerational Househo	olds		
One-sentence summary				
Attendees/audience members will better understand independent factor and could be studied more	I that multigenerational households are a mea	aningful and		
Abstract				
Displacement is a coping mechanism or adjustment people can make when they encounter barriers to engagement, where they choose alternative experience conditions to still attain the outcomes they seek from their recreation pursuit. Displacement can occur spatially (site) and temporally (time), but it may also differ across demographics. Little is known about displacement across social identities based in race/ethnicity, household composition, and recency of family structure in the U.S. This research examines causes and types of displacement and how these may vary based on social identity. We surveyed Southern California residents who visited four national forests, on their visitor use patterns and displacement. Results imply that multigenerational households are more likely to have experienced and be impacted by displacement drivers.				
Additional people involved in the presentation, if any				
Erin Budzyn, Michigan State University Elizabeth Perry, Michigan State University Alyssa Thomas, U.S. Forest Service José J. Sánchez, U.S. Forest Service Brian A. Peterson, Kansas State University				

Organize an Information-Sharing Session: Presentations + Audience Interaction				
Seamus	Adjunct Professor			
University of Montana	Missoula	MT		
Seamus.Land@umt.edu				
Homelessness and nature across landscapes and	d disciplines			
One-sentence summary				
Attendees will better understand the interconnected in parks and protected area management.	social-ecological dynamics of u	nsheltered homelessness		
Abstract				
The social-ecological dynamics of homelessness in parks and protected areas have become increasingly apparent to land managers, conservationists, social workers, scholars, and members of many communities across the US. To help connect a fragmented dialogue across the academic literature, we present findings from a literature review we conducted across a broad range of disciplines. We observed an increasing focus on understanding homelessness drivers, impacts, and solutions through a coupled social-ecological systems lens. To help mobilize around needs and opportunities, we propose the development of a research agenda to identify priorities for better attending to the complex and contested challenges of homelessness across landscapes, and we invite audience insights on how to ensure social and environmental justice in this endeavor.				
Additional people involved in the presentation, if any				
Monika Derrien, PhD - Pacific Northwest Research S	etation, USDA			

Organize a Core Workshop Session: Presentations + Audience Interaction				
Benita Law-Diao	Commissioner			
Adirondack Park Agency	Latham	NY	United States	
cheinee@aol.com				
Accessibility for All on Forest Preserve Lands?				
One-sentence summary				
Attendees/audience members will learn about the iss access to Adirondack Park's forever preserve.	sues associated with granting po	eople with	n disabilities	
Abstract				
The NYS Adirondack Park Agency (APA) develops long-range land use plans for both public and private lands, within the boundary of the Adirondack Park. We are currently working on updating the NY State Land Master Plan (SLMP). The APA and NYS Department of Environmental Conservation (DEC) have a policy limiting the number of roads in the park's wild forest lands. The policy states that there should be no "material increase" in the number of miles of roads in the wild forest land. People with disabilities are pushing for accessibility to our forest preserve lands, while environmental groups are voicing concerns about wilderness preservation. Stakeholders concerned about "unprecedented changes" proposed to policies governing forest preserve lands will cause great harm.				
Additional people involved in the presentation, if any				
Not applicable				

Present a Paper					
Benita Law-Diao	Board Member, Board Member	nber and Trustee			
John Brown Lives!, Adirondack Park Agency and the Adirondack Experience Museum	Latham	Ne	United States		
cheinee@aol.com					
Adirondacks: We Were Here, We Are Here, We Ha	ave Every Right to Be Here				
One-sentence summary					
Attendees/audience members will understand that the right to access and protect.	ne Adirondacks is a major carbo	n sink tha	t everyone has a		
Abstract					
Black and Latino people often associate the Adirondack (ADK) State Park region with prisons, white people, wild animals, cold snowy weather, and harassment and injustice. They have been made to feel that they have no right to be in the Adirondacks, and they believe that no BIPOC exists there, other than in prisons. Black people have lived in the ADK since the 1800s, live and work there now, and have every right to live and recreate there. In order to protect and preserve the ADKs, everyone needs to understand the value the park and have access to this important 6.1+ million acre carbon sink, which is larger than 5 national parks (Yellowstone, Yosemite, Grand Canyon, Everglades, and Great Smoky National Parks combined.					
Additional people involved in the presentation, if any					
Not applicable					

Present a Paper			
Rachel	PhD Student		
North Carolina State University	Raleigh	Nort	United States
rblayko@ncsu.edu			
Drivers of Residential Development around U.S. F	Protected Areas		
One-sentence summary			
Attendees will better understand 1) the drivers of reshow these drivers vary spatially.	idential development around pu	ıblic lands	in the U.S. and 2)
Abstract			
Increasing low-density residential development around function within park boundaries. While rates and imperiore of development and their spatial variation are drivers of near-park development in the U.S. (2000-2 national scales. We examine the relationship betwee and impervious surface) and a suite of economic, so Our paper contributes to the theme, "Integrating Nat ecological systems approach to investigating land us	pacts of development around pacts of development around pace not well understood. Therefore 2020) and 2) determines how drien development (quantified as checial, and biophysical drivers with and Cultural Heritage Cons	rks have b , this stud vers differ nange in he hin census	peen studied, the y 1) identifies at regional and ousing density block groups.
Additional people involved in the presentation, if any			
Co-authors: Rachel Layko (PhD Student, North Carolina State University Center for North Carolina State University Center for Geospatia Carolina State University), Ross Meentemeyer (Direct Analytics)	Geospatial Analytics), John Vo Il Analytics), Alexander Yoshizur	gler (Reseant gler (PhD Ca	arch Scholar, andidate, North

Present a Paper					
Nari	_ee	Master's Student			
University of Mont	tana	Missoula	Мо	United States	
nari.lee@umontan	na.edu				
Gendered Barrie	ers to Working in Conservation: A	A Comparative Case Study in S	outh Kor	ea and Mongolia	
One-sentence sum	nmary				
	in insight into gender inequity in co ongolia and Korea.	onservation and strategies for fos	stering inc	lusive leadership	
Abstract					
This research examines how gender inequity in conservation leadership in Mongolia and South Korea limits effectiveness and inclusivity. Patriarchal norms create systemic barriers, sidelining women from decision-making roles. Using mixed ethnographic methods, including interviews and photovoice, this study explores both personal experiences and structural challenges. Findings will inform policy and organizational strategies to promote gender equity, aligning with the Social and Environmental Justice theme. By addressing these barriers, the research contributes to more inclusive conservation efforts, ensuring diverse leadership for sustainable environmental solutions.					
Additional people i	involved in the presentation, if any				

Present a Poster		
Kyle Lima	Data Analyst	
Schoodic Institute at Acadia National Park	Stillwater	ME
klima@schoodicinstitute.org		
A citizen science approach to early detection and	I monitoring	
One-sentence summary		
Attendees/audience members will come away with a leveraged for management and early detection.	better understanding of how c	itizen science data can be
Abstract		
This poster aims to convey 2 years of work in develor National Parks. We've developed a program that pull popular citizen science platforms: iNaturalist and eBi we compile lists of species of management interest (extirpated, invasive plants, forest insect pests, specielists). Each week, park staff and partners receive an einterest. Staff can then take appropriate action if necessis immediate control), or continue collecting data	Is recent observations submittering. Working with park manager i.e., rare species in decline or the state and federal thre email communicating the observation	ed to two of the most as and natural resource staff, nought to be locally eatened and endangered roations of species of of an invasive plant that
Additional people involved in the presentation, if any		
Chris Nadeau, Schoodic Institute Abraham Miller-Rushing, National Park Service Jesse Wheeler, National Park Service Nicholas Fisichelli, Schoodic Institute		

Present a Pape	r			
Jeremy	Linden	Consultant		
Linden Preserva	ation Services, Inc.	Brockport	NY	United States
jeremy@lindenp	oreservation.com			
Environmenta	I Assessments and Strategic Susta	inability Planning for Historic	Sites	
One-sentence sa	ummary			
	ental assessment case study will preson response to climate change.	ent non-mechanical strategies f	or preser\	vation
Abstract				
Environmental House at Rural mechanical interesults, which results control, light control	Assessment, focused on analyzing explains. A key concern was whether the ervention to create an appropriate present the ervention to create an appropriate presecommended against increased meaning through non-mechanical strategies on trol and interior heat gain reduction awing for continued interpretation and	xisting building infrastructure and the house, only capable of winter eservation environment. This paper thanization and provided strategies for environmental management, and changes in programmatic	d perform r heating, per presei lic guidan nt, includi usage ba	nance at Shelton required further nts the study ce for responding ng groundwater sed on outdoor
Additional peopl	le involved in the presentation, if any			

Present a Paper				
Brianna	Master's Student			
University of Montana	Missoula	MT	United States	
brianna1.lipp@umontana.edu				
A systematic scoping literature review of social id	dentity in wildlife research			
One-sentence summary				
Attendees/audience members will gain insights into understand human-wildlife relationships.	the past and future utility of soci	al identity	theory to	
Abstract				
Social identity theory explores how individuals form identities based on group membership, influencing their cognitions, emotions, and behavior. Existing scholarship in human dimensions of wildlife has predominately focused on attitude differences among static identity groups. However, social identity effects are multifaceted and dynamic, distorting perceptions, influencing preferences, and fostering in-group favoritism, out-group derogation, and intergroup conflict or cooperation. Here, we present a systematic scoping review across ~260 refereed articles to examine how social identity has been used to understand human relationships with wildlife. We also draw inspiration from social psychological research in other fields to suggest new approaches to integrate social identity perspectives into wildlife related research.				
Additional people involved in the presentation, if any				
Dr. Alexander L. Metcalf (Human Dimensions Lab, C	ollege of Forestry and Conservat	ion, Unive	ersity of Montana)	

Present a Poster 1			
Rebecca	Director		
Joshua Tree Creative Lab	Joshua Tree	CA	United States
r.lowry@jtlab.info			
JTLab and Parks Modern			
One-sentence summary			
Attendees will learn about the creative resources that pursue their organization's mission.	t are available to public lands+c	culture stev	vards as they
Abstract			
(JTLab) and its Parks Modern (PMod) archive. We an presented with the poster set. The posters will be visusing words to supplement and clarify. JTLab is a 50 for national parks and affiliate organizations nationwing between the public lands+culture and creative communications in the posters with context. The Posters with present specific projects and collections items as expected with the projects and collections items.	sually engaging, saying as much 11c3 nonprofit whose purpose is ide. The Lab provides creative s nunities; and, through Parks Mo vill describe the work of the Lab	as possib to be a creervices; bredern, prote	le with images, reative resource ridges the gap ects NPS's own
Additional people involved in the presentation, if any			

Present a Poster 2			
Rebecca	Director		
Joshua Tree Creative Lab	Joshua Tree	CA	United States
r.lowry@jtlab.info			
JTLab and Parks Modern			
One-sentence summary			
Attendees will learn about the creative resources the pursue their organization's mission.	at are available to public lands+c	culture stev	wards as they
Abstract			
(JTLab) and its Parks Modern (PMod) archive. We are presented with the poster set. The posters will be visusing words to supplement and clarify. JTLab is a 50 for national parks and affiliate organizations nationwhetween the public lands+culture and creative communications items as expresent specific projects and collections items as expressions.	sually engaging, saying as much 01c3 nonprofit whose purpose is ide. The Lab provides creative s nunities; and, through Parks Mo will describe the work of the Lab	as possib to be a c ervices; be dern, prote	ole with images, reative resource ridges the gap ects NPS's own
Additional people involved in the presentation, if any			

Present a Poster 3			
Rebecca	Director		
Joshua Tree Creative Lab	Joshua Tree	CA	United States
r.lowry@jtlab.info			
JTLab and Parks Modern			
One-sentence summary			
Attendees will learn about the creative resources the pursue their organization's mission.	at are available to public lands+c	culture stev	wards as they
Abstract			
(JTLab) and its Parks Modern (PMod) archive. We are presented with the poster set. The posters will be visusing words to supplement and clarify. JTLab is a 50 for national parks and affiliate organizations nationwhetween the public lands+culture and creative communications items as expresent specific projects and collections items as expressions.	sually engaging, saying as much 01c3 nonprofit whose purpose is ide. The Lab provides creative s nunities; and, through Parks Mo will describe the work of the Lab	as possib to be a c ervices; budern, prote	ole with images, reative resource ridges the gap ects NPS's own
Additional people involved in the presentation, if any			

Present a Poster 4			
Rebecca	Director		
Joshua Tree Creative Lab	Joshua Tree	CA	United States
r.lowry@jtlab.info			
JTLab and Parks Modern			
One-sentence summary			
Attendees will learn about the creative resources the pursue their organization's mission.	at are available to public lands+c	culture stev	wards as they
Abstract			
(JTLab) and its Parks Modern (PMod) archive. We are presented with the poster set. The posters will be visusing words to supplement and clarify. JTLab is a 50 for national parks and affiliate organizations nationwhetween the public lands+culture and creative communications items as expresent specific projects and collections items as expressions.	sually engaging, saying as much 01c3 nonprofit whose purpose is ide. The Lab provides creative s nunities; and, through Parks Mo will describe the work of the Lab	as possib to be a c ervices; budern, prote	ole with images, reative resource ridges the gap ects NPS's own
Additional people involved in the presentation, if any			

Present a Poster				
Kole	Lundstrom	Master's Student		
University of All	berta	Edmonton	AB	Canada
klundstr@ualbe	erta.ca			
The Role of Ed	ducational Programming in Indigen	ous Peoples' Experiences in Pi	rotected	Areas
One-sentence s	ummary			
Attendees/audi programming.	ience members will understand how I	ndigenous peoples feel about Ind	digenous	interpretation
Abstract				
Protected area management agencies are faced with the challenge of addressing Indigenous peoples' histories and relationships with land that is now under park management. Interpretation programs are one of the ways park agencies are attempting to include Indigenous perspectives and histories in park spaces. However, little to no research has attempted to understand how Indigenous individuals' experiences in protected areas are influenced by interpretation programs. This research will include interviews with Indigenous park visitors to ask how their experiences in parks are influenced by interpretation programming. Indigenous methods and methodologies will be used to uphold social and environmental justice by enhancing Indigenous peoples' experiences and visibility, and contribute to overall reconciliation in outdoor spaces.				
Additional peopl	le involved in the presentation, if any			

Present a Poster
Sean MacDougall
Bureau of Land Management United States
The National Landscape Conservation System: An Overview
One-sentence summary
Attendees will better understand the purpose, scope and scale of BLM's National Conservation Lands during its 25th anniversary year.
Abstract
The National Landscape Conservation System, also referred to as National Conservation Lands or NLCS, was established by administrative order under the Bureau of Land Management in 2000 and codified by Congress in 2009. The NLCS conserves, protects, and restores nationally significant landscapes that have outstanding cultural, ecological, and scientific values for the benefit of current and future generations. It includes national monuments, national conservation areas, wilderness areas, wilderness study areas, national scenic trails or national historic trails, wild and scenic rivers, and any area designated by Congress to be administered for conservation purposes in the BLM. As the system celebrates 25 years since its creation, this poster provides an overview of the system, the values it stewards, and the types of uses allowed.
Additional people involved in the presentation, if any
 Suzanne Copping & Fritz Klasner James Sippel Barb Keleher Robin Lewis Karla Rogers

Organize an Information-Sharing Session: Sharing Circle			
Sarah Marks	Doctoral Student		
Rutgers University - Newark, School of Criminal Justice	Chatsworth	CA United States	
SM2478@scarletmail.rutgers.edu			
Crime and Public Safety on Public Lands			
One-sentence summary			
Attendees will expand their understanding of crime of to reduce crime on public lands.	n public lands, the impact of th	lese crimes, & interventions	
Abstract			
Crime and safety on public lands is a long-standing y occurring on public lands are unique as they impact to people. This information-sharing session will probe 1 impacts of crime on public lands, including social and of safety; and 3) successful strategies and ideas for reparticularly salient in the context of federal land manafreezes amid record levels of visitors in recent years, undoubtedly have ripple effects among state and loc	the environment, wildlife, culture) what types of crimes are occur d environmental justice, econor reducing crime and increasing pagement agencies experiencing Moreover, federal shifts in police	ral heritage, property, and urring on public lands; 2) the mic value, and perceptions public safety. The session is mass firings and hiring cy and funding will	
Additional people involved in the presentation, if any			

Present a Paper			
Shelby	Graduate Research Assistant, Master's Student		
Michigan State University	East Lansing	MI	United States
maroccos@msu.edu			
A Tale of Two Rivers: A decadal comparison of vi	sitor use at Sleeping Bear Du	nes Natior	nal Lakeshore
One-sentence summary			
Attendees/audience members will understand how v 2014 to 2024 at SLBE.	risitor use has shifted at the Cry	stal and Pl	atte rivers from
Abstract			
Sleeping Bear Dunes National Lakeshore in Michigar than \$200 million in tourism revenue (Moore, 2024). A visitor patterns and attitudes at the Platte and Crysta 2013. In 2024, a follow-up study was conducted at fil 12 weeks (May to August), with 1,360 surveys collect Rivers. A decadal comparison of visitor use, motivati statistical analysis and annual revenue data, was also managers support conservation, sustainability, and visitor use.	A 2014 study with the National Ral Rivers, surveying 1,044 people ive locations, including the Platted, over 40% of which were from and intended use of these oconducted. Understanding the	Park Service from May te and Crysom the Cryorivers, along the contractions and the contractions are services.	ce examined y to September stal Rivers, over estal and Platte ng with a
Additional people involved in the presentation, if any			
Dr. Robert Dvorak (Central Michigan University) Dr. Elizabeth Perry (Michigan State University)			

Present a Pape	r			
Joseph	Mbaiwa			
University of Bo Institute	otswana, Okavango Research	Maun North West		Botswana
JMbaiwa@ub.a	ac.bw			
Trophy Huntin	ng and Ecological Colonialism in Bo	tswana		
One-sentence s	ummary			
Abstract				
associated ten experiences of tourism while of wildlife populated describe the Grown and trous associated ten experiences of tourism and trous associated ten experiences of the experie	f ecological colonialism is used to ana sions between the Global North and Grural communities. Rural communities citizens in the Global North especially distinctions, increased poaching, illegal wildlobal North approach as a form ecologophy hunting are sustainable land use achieve wildlife conservation and improach as a form ecologophy hunting are sustainable land use	Global South in Botswana. The as in Botswana prefer both troph Animal rights group reject troph ife trade and the loose of biodividual colonialism. This paper are options that are complementar	analysis is only hunting a hunting continuous continuou	drawn from nd photographic iting decreased p-pastoralists notographic
Additional peop	le involved in the presentation, if any			

Organize an Information-Sharing Session: Panel Discussion				
Rebecca	Research Biologist			
US Geological Survey	Port Angeles	WA United States		
rmccaffery@usgs.gov				
Examining drivers and impacts of subalpine mead	dow change on wildlife specie	es in three national parks		
One-sentence summary				
Attendees will learn about research on mountain meaning and interactive format.	adow change and impacts to se	ensitive wildlife in an		
Abstract				
Our understanding of how mountain meadows are changing, how temperature and precipitation relate to those changes, and how this will impact sensitive wildlife species in park landscapes is limited. We examined these questions at Olympic, Mount Rainier, and Glacier National Parks. We used remote-sensing and statistical models to quantify loss and change in subalpine meadows and how water and climate relate to those changes. We are linking results of these models to distribution and dynamics of vulnerable wildlife species such as the Olympic marmot and several bumblebee species. We will present and discuss the results, uses, and implications of our interdisciplinary research, and how to apply this approach in other systems. This work can help parks prioritize conservation and management actions in the face of climate change.				
Additional people involved in the presentation, if any				
Panelists in a Panel Discussion information-sharing s	session:			
Dr. Tabitha Graves (research ecologist, USGS) Dr. T. Roy Sando (research physical scientist, USGS)				

Organize a Core Workshop Session: Presentations +	Audience Interaction		
Perri Meldon	National Coordinator		
NPS Mellon Humanities Postdoctoral Fellowship Program	Waynesboro	Virgi	United States
pmeldon@usaconservation.org			
Humanities as a Bridge: Lessons from the NPS M	ellon Program		
One-sentence summary			
Attendees will leave this session with creative, cost-crooted in public lands history.	effective methods for telling fulle	er, place-ba	ased stories
Abstract			
The National Park Service Mellon Humanities Postdo sites and programs across the agency. Over the countentors, scholars, and community partners to conduct educational products and programming. In this sessibridging enduring yet illusionary divisions between nathe importance of Tribal and community engagement research. After brief presentations, Mellon participant interpretation that addresses social, cultural, and economic participant interpretation that addresses social participant interpretation interpreta	rse of two-year fellowships, Me act original research and develo on, NPS Mellon participants sha atural and cultural heritage. The t as they explore interpretive ap ts will lead attendees in an activ	llon Fellow p new inte are their ex presenters proaches	s work with NPS rpretive and speriences will underscore so showcase their
Additional people involved in the presentation, if any			
Dr. Helen LaCroix, Communications Consultant, NPS Dr. Stephen Hausmann, Mellon Fellow, Mount Rushn Rylan Sprague, Integrated Resources Program Mana Dr. Rosie Sprague, Professor, Black Hills State Univer Dr. Meagan Harden, Mellon Fellow, Maritime Washin Perri Meldon, National Coordinator, NPS Mellon Program Regulation Consultant, NPS Mellon Program Mana Dr. Frank Schmitz, Mellon Fellow, NPS Midwest Regulation Regulation Regulation Program Mana Dr. Frank Schmitz, Mellon Fellow, NPS Midwest Regulation Re	nore National Memorial; ager, Mount Rushmore National ersity; gton National Heritage Area gram; ions Rivers Program;	Memorial;	

Present a Pape	er en			
Alexander	Metcalf	Associate Professor		
University of M	ontana Human Dimensions Lab	Missoula	MT	United States
alex.metcalf@u	ımontana.edu			
Social identity	activation contributes to unnecess	sary polarization of attitudes to	oward wo	olves
One-sentence s	ummary			
	lience members will better appreciate conservation issues.	how social identity activation ca	an unnece	essarily deepen
Abstract				
Polarization between groups can undermine durable conservation outcomes. Social identity activation can exacerbate conflict, especially when people hold inaccurate assumptions of others. The dynamic influence of social identity has been underexplored in conservation contexts. Across two randomly controlled experiments (total n = 2,296), we show how social identity activation and inaccurate metaperceptions distort attitudes toward gray wolves (Canis lupus) and unnecessarily deepen polarization. We provide evidence of a unique ingroup metaperception mechanism for this effect and, promisingly, find a simple in-group metaperception correction can attenuate it. We discuss the pernicious consequences of activating identities people incorrectly assume are polarized and recommend practical guidance for avoiding these tragically ironic outcomes.				
Additional people involved in the presentation, if any				
Justin W. Angle				

Present a Paper						
Nate	Moody	Instructor				
Natural Resourc University of Ida	es and Society Department, ho	Moscow	Idah	United States		
nmoody@uidaho	o.edu					
Outfitter percep	ptions of workforce development o	on the Middle Fork of the Salm	on River			
One-sentence su	mmary					
Attendees/audie outfitting.	ence members will better understand	I workforce development needs f	or wildern	ess river		
Abstract						
Commercial outfitting relies on inter-relations between owners/outfitters, clientele, and guides. Currently, limited research exists exploring challenges present in preparing a professional guiding workforce. This qualitative study explores outfitters' perceived challenges and proposed necessities in development of a quality guiding workforce for the Middle Fork of the Salmon River in Idaho. Findings suggest that alongside structured technical skill development, cultural and historical interpretation skills are requisite professional skills contributing to the economic valuation of outfitted services. These findings support potential skill development protocols for guide training within the Salmon River Basin, as well as transferable multi-day river contexts where guided recreational activities occur.						
Additional people	e involved in the presentation, if any					
Chris Zajchowsk	ki, Assistant Professor, Natural Resor	urces and Society Department, U	Jniversity	of Idaho		

Present a Poster						
Wayde	Professor					
Auburn University	Auburn	AL				
morsewc@auburn.edu						
Identifying recreation participation patterns and t	trends using the ORAPS					
One-sentence summary						
Attendees/audience members will better understand participation data needs.	I how the ORAPS can fulfill state	and natio	onal recreation			
Abstract						
To effectively plan for visitation to parks and protected areas, we need a system to identify participation patterns and trends and develop forecasts. The Outdoor Recreation Access and Participation Survey (ORAPS) project presents a rigorous standardized national system for collecting and disseminating information on outdoor recreation. It fulfills Statewide Comprehensive Outdoor Recreation Plan requirements with data on recreation access and near and away-from-home participation levels for eighty activities. It's a general public survey that identifies participation constraints and facilitators (programmatic and structural) that moderate participation levels. This data provides a template to forecast demand, broaden participation, address constraints, enhance facilitators, and enable group comparisons critical for long-term planning.						
Additional people involved in the presentation, if any						
Lee Cerveny, PNW, USDA Forest Service lee.cerven Randy Rosenberger, Professor, Oregon State Univer Lydia Gorrell, Faculty Research Assistant, Oregon State University Research Assistant Research Assistant Research Resear	sity r.rosenberger@oregonstate		edu			

Participate in the 3MR (Three-Minute Research Competition)							
Adyasha Nayak	PhD Candidate						
University of Montana	Missoula	MT	United States				
adyasha.nayak@umontana.edu							
Impacts of Aquaculture Policy and Adaptive Capa	acity in Social-Ecological Syst	em of Chili	ka Lagoon				
One-sentence summary							
Attendees/audience members will better understand	governance in small-scale fishe	eries.					
Abstract							
While this has benefited livelihoods, it has negatively India. Since the 1980s, aquaculture encroachment and livelihoods. The 2023 Aquaculture Authority Act destabilizing traditional livelihoods and local institution explore the response of Primary Fishermen Coopera	The growing demand for seafood in the global North has driven the shift from capture fisheries to aquaculture. While this has benefited livelihoods, it has negatively impacted small-scale fisheries, as seen in Chilika Lagoon, India. Since the 1980s, aquaculture encroachment and commercial fishing have eroded traditional fishing areas and livelihoods. The 2023 Aquaculture Authority Act amendment decriminalizes aquaculture, potentially destabilizing traditional livelihoods and local institutions. This study uses the adaptive capacity framework to explore the response of Primary Fishermen Cooperative Societies (PFCS) to changing policies, offering insights for more equitable, context-based decision-making in coastal systems.						
Additional people involved in the presentation, if any							

Present a Paper							
Adyasha Nayak	PhD Candidate						
University of Montana	Missoula	MT	United States				
adyasha.nayak@umontana.edu							
Impacts of Coastal Aquaculture Act and Adaptive	Capacity in Chilika's Social-E	Ecologica	I System				
One-sentence summary							
Attendees/audience members will walk away with ur	nderstanding of adaptive capaci	ty in local	ized contexts.				
Abstract							
India. Since the 1980s, aquaculture encroachment a and livelihoods. The 2023 Aquaculture Authority Act destabilizing traditional livelihoods and local institution explore the response of Primary Fishermen Coopera	The growing demand for seafood in the global North has driven the shift from capture fisheries to aquaculture. While this has benefited livelihoods, it has negatively impacted small-scale fisheries, as seen in Chilika Lagoon, India. Since the 1980s, aquaculture encroachment and commercial fishing have eroded traditional fishing areas and livelihoods. The 2023 Aquaculture Authority Act amendment deregulates aquaculture, potentially destabilizing traditional livelihoods and local institutions. This study uses the adaptive capacity framework to explore the response of Primary Fishermen Cooperative Societies (PFCS) to changing policies, offering insights for more equitable, context-based decision-making in coastal systems.						
Additional people involved in the presentation, if any							

Present a Paper							
Brian O'Riley		Recent Master's in History gra Washington University and res					
Historical Projects LLC		Spokane	WA	United States			
brian_oriley@yahoo.com							
Profit and Pollution: Evaluating Cap-and-Trade's Impact on Global Warming and the Environment							
One-sentence summary							
Attendees/audience members will warming, and disadvantaged comments		edge of Cap-and-trade's impact	on the en	vironment, global			
Abstract							
trade policies to reduce air pollution the implementation of Cap-and-trace that Cap-and-trade has negatively injustice for disadvantaged communabuse, and sluggish gains in carbo	In efforts to mitigate concerns surrounding global warming, the United States began administering cap and trade policies to reduce air pollution as well as greenhouse gas emissions. It has been roughly thirty years since the implementation of Cap-and-trade, and the results have often been unclear, and contentious. Many argue that Cap-and-trade has negatively impacted conservation efforts while contributing to increased environmental injustice for disadvantaged communities. The unfair policy practices, lack of oversight, outright fraud and abuse, and sluggish gains in carbon reduction - all associated with Cap-and-trade policies - call for a revaluation of its impact on the environment and its efficacy in reducing global warming.						
Additional people involved in the pre	esentation, if any						
N/A							

Present a Poste	ər						
Ruby	Olsson	PhD Candidate					
Australian Natio	onal University	Reid	ACT	Australia			
ruby.olsson@anu.edu.au							
Responding to	o ecological transformation: Compa	aring protected areas in the U	S and Aus	stralia			
One-sentence s	ummary						
	bers will better understand RAD and in protected areas.	futures thinking as a tool to resp	ond to ec	cological			
Abstract							
to assist responsible role of futures to whitebark pine findings from simulti-day work	s globally. The Resist-Accept-Direct onses to this transformation and has gothinking and RAD in responding to edin US protected areas and snow gundemi-structured interviews with 22 masshops with approximately 40 Australia visage the future, and the strengths a	gained momentum in Australia. No cological transformation using a condition and the decline in Australian Alps protection and researchers from the dian managers and researchers. It	My researc comparati ected area e United S Key finding	th examines the ve case study of as. I present initial states, and two gs examine how			
Additional people	le involved in the presentation, if any						

Organize a Core Workshop Session: Presentations +	Audience Interaction					
Gabriel Oppler	International Policy & Partners	ships Spec	cialist			
Center for Large Landscape Conservation	Missoula	MT	United States			
gabe@largelandscapes.org						
Transboundary Connectivity Conservation: Experi	iences in North America and A	Around the	e World			
One-sentence summary						
Attendees/audience members will learn how ecologic countries despite barriers.	cal connectivity can be safegua	rded betw	een neighboring			
Abstract						
Ecological connectivity – including connected habitats, species movement and flow of natural processes – underpins ecosystems everywhere. Sustaining well-connected landscapes is a foremost adaptation strategy for biodiversity in a changing climate. Ecological connectivity conservation often requires working at large scales, transcending political borders. Transboundary initiatives require collaboration between institutions and individuals who sit on opposite sides of the border or speak different languages, but have common values and concern for the ecosystems they share. Hear about experiences and lessons learned from advancing connectivity conservation in North America and around the world. Presentations will be followed by discussion on long-standing and newly emerging challenges and opportunities in transboundary cooperation.						
Additional people involved in the presentation, if any						
Katie Deuel, Senior Conservation Director, CLLC Aaron Laur, International Connectivity Program Mana TBD among: Deb Davidson, Chief Strategy Officer, CLLC Phil Huffman, Senior Vice President, Quebec-Labrad Mikael Cejtin, Staying Connected Initiative Coordinat	or Foundation					

Present a Poste	er					
Ashley	Padvaiskas	Recent Graduate Student				
c/o Paul Heintz	man, University of Ottawa	Ottawa	Ont	Canada		
pheintzm@uott	awa.ca					
Alternative Pa	rking Management Strategies: Impl	lications for Visitor Use Manag	jement in	Gatineau Park		
One-sentence su	ummary					
	better understand how parking manag to a park destination.	gement options and sustainable	transport	ation alternatives		
Abstract						
This presentation reviews existing literature and case studies, to identify parking management options and sustainable transportation alternatives that could be implemented in the Meech Lake sector of Gatineau Park to address parking shortages during the busy summer season. Five alternative parking and transportation strategies are considered: variable rate parking fees; time-managed entry reservation systems; active modes of transportation; alternative access routes; and the exploration of a shuttle bus service expansion. Each approach is examined based on its advantages, limitations and public perceptions. The study informs park management of the most efficient means of managing visitor use with minimal pushback from the public to sustain current recreational activities and provide a safe and high-quality visitor experience.						
Additional peopl	le involved in the presentation, if any					
Paul Heintzman	n, Professor, University of Ottawa					

Organize an Information-Sharing Session: Panel Discussion						
Bing	Pan	Professor				
Penn State Un	iversity	State College	PA	United States		
bingpan@psu.	edu					
Disaster Prep	paredness and Emergency Evacuation	on for National and State Parks	5			
One-sentence s	summary					
	rill allow participants learn integrating refety and communication.	modeling and participatory study	into eme	rgency planning		
Abstract						
Climate change increases natural disasters, posing risks to national and state parks in the increasingly populated Wildland-Urban Interface. Our workshop synthesizes research on emergency evacuation and disaster preparedness from Rocky Mountain National Park (RMNP), Wrangell-St. Elias National Park and Preserve (WRST), and South Beach State Park (SBSP). We explore how agent-based modeling and participatory research improve disaster preparedness and evacuation. RMNP used microsimulations to analyze evacuation times and traffic conditions to identify prominent bottlenecks. WRST assessed risks and evacuation challenges along McCarthy Road to identify unique disaster response processes in a remote tourism destination. SBSP conducted tsunami evacuation drills to validate models and test efficacy of signage.						
Additional peop	ple involved in the presentation, if any					
•	ng, Ph.D. and Professor, Glenn Depart on, Doctoral Candidate, Department F			-		

Present a Paper							
Taylor	Parker	Forestry Program Director					
Sierra Nevada A	Alliance	Clemson	SC	United States			
taylor@sierranevadaalliance.org							
Haints: Ruptur	es of normativity in conservation s	stories of a forest in the United	States' S	South			
One-sentence su	ımmary						
	bers will better understand examinin em in our research site.	g ruptures of normativity and out	liers, as v	vell as what we			
Abstract							
People adjacent to or historically tied to a landscape can often lose the ability to have a meaningful voice in management decision making but often engage with areas nonetheless. When these non-dominant voices and concerns are revealed and/or named, it can create a 'rupture of normativity that can have a destabilizing effect on how we understand a system. Typically, these ruptures are deemed outliers. In this investigation we call them 'haints' to anchor this work in the vernacular of the south. From 2018 to 2021, the authors set out to understand the management of a 18,400-acre New Deal forest, owned and operated by Clemson University (CU), a public land grant university in upstate South Carolina. This research is an examination of unexpected incidents or "outliers" in the dominant story of a place, yet integral to the story.							
Additional peopl	e involved in the presentation, if any						
Elizabeth Baldy Drew Lanham,	vin, co -author and co-presenter co-author						

Organize a Core Workshop Session: Presentations + Audience Interaction						
Colby		Ph.D. Candidate				
Penn State University		University Park	РА	United States		
cbp5535@psu.edu						
Applying Cyclist Behavior and Backgrounds to	to Inf	form e-Bike Policy on Public I	_ands			
One-sentence summary						
Audience members will understand perceptions, cyclist science, policy, and planning.	, beh	aviors, and backgrounds of e-b	oikers and	I gain insight into		
Abstract						
Cycling is one of the most popular outdoor activities in the U.S. Yet, the emergence of e-bike technology has instigated conflict among e-bikers and other park visitors, in part since e-bikers behave differently and have more diverse backgrounds than analog cyclists. This session will present data focused on perceptions, behaviors, and backgrounds of e-bikers to inform recreation planning. Considering the nascent and limited guidance for managing e-bikes on public lands, presenters will then facilitate breakout sessions to discuss presented research, federal guidance, and opportunities to address social and environmental issues relating to cycling.						
Additional people involved in the presentation, if a	any					
Co Organizers: Colby Parkinson & Abigail Fuesle Paper Presenters: Colby Parkinson - Recreation Specialization's In Grand Teton National Park Abigail Fuesler - Identity and Attitudes in Public Cait M. Henry - Trail Pulse: Trail users' perception Paper presentations followed by audience interal all paper presenters and at least one practitioner	offluer Compons of	ments Regarding e-Bikes on Fe f recreational E-bike use in Mic	ederal Lai higan	nd		

Participate in the 3MR (Three-Minute Research Competition)						
PhD Candidate						
University Park	PA	United States				
ring a Disaster in a Nature-Bas	sed Touri	sm Destination				
ses in nature-based tourism des	stinations,	with insights for				
Disasters are increasing and presenting risks for people residing near and visiting wildland areas. However, disaster response processes in remote nature-based tourism destinations are understudied. This presentations details results from a case study using a participatory, mixed methods research design to explore intertwined disaster response processes among land managers, commercial operators, local responders, residents, and tourists along McCarthy Road in Alaska, which runs alongside and within Wrangell St. Elias National Park and Preserve. The study site is a microcosm of the complexities of emergency planning (e.g., multi-jurisdiction governance, limited infrastructure, environmental vulnerability, residents' self-reliance culture) for nature-based tourism communities with insights for disaster response in parks and protected areas.						
Engineering e of Engineering Park, and Tourism Management	Departme	ent				
	PhD Candidate University Park In a Disaster in a Nature-Base Deple residing near and visiting with tourism destinations are underly, mixed methods research destinations are underly, mixed methods research destinations are underly, mixed methods research destinations are underly, residents, local residents of emergency planning linerability, residents' self-reliance in parks and protected area of the Engineering e of Engineering Park, and Tourism Management	PhD Candidate University Park PA Pring a Disaster in a Nature-Based Touristses in nature-based tourism destinations, are understudied. Try, mixed methods research design to expense alongside and within Wrangell St. Elias Nolexities of emergency planning (e.g., multilnerability, residents' self-reliance culture) onse in parks and protected areas.				

Participate in the 3MR (Three-Minute Research Competition)					
Ande Peersen	Master's Student				
University of Montana	Livingson	MT Un	ited States		
ande1.peersen@umconnect.umt.edu					
Land and the American Dream					
One-sentence summary					
Attendees/audience members will better understand changes in land access and tenure.	how Montanans from across th	ne state are res	ponding to		
Abstract					
The western US is conceptualized in our national imaterization accessing nature is integral and expected. Yet land is many people's ability to buy property as well as access newcomers and old-timers in three communities acrematerially and affectively. It utilizes a mixed-methods to document landscape changes and associated resuccess are intertwined with politics, economics, and through equity and empowerment, this project is roo	s increasingly being consolidate ess public lands. This project in oss Montana are responding to approach, employing both inte ponses. Acknowledging that proposer, and that conservation of	ed across the water these changes erviews and spanning operty ownershan only happen	vest, limiting both s, both atial analyses nip and		
Additional people involved in the presentation, if any					

Present a Poste	er e e e e e e e e e e e e e e e e e e			
Susan	Pierce	Founder, Director		
Hotspot Patron	S	Del Norte	СО	United States
info@hotspotpa	atrons.com			
Addressing th	e Funding Gap in Private Lands Co	nservation in Global Biodiversi	ty Hotspo	ots
One-sentence s	ummary			
	ience members will be introduced to a versity hotspots.	an innovative method to support	private la	nds conservation
Abstract				
conservation. E imperative to fi private reserve are participating participating in presented alon	rovides a solution to address a critical Because between 70-90 % of the Eart nd more ways to support existing privise surrounding an UNESCO World Here in HotSpot Patrons needs-assessment the Atlantic Forest-both biodiversity g with a portfolio of funding opportunas of sustainable products marketing	ths remaining native species exist vate reserves and incentivize the ritage Site National Park in what nent in the Cerrado, with another hotspot biomes in Brazil. Reseanities on both a reserve level, and	st on privation should be group of a commu	te lands it is A group of 51 a buffer zone, reserves s will be unity level.
Additional people	le involved in the presentation, if any			
None				

Present a Paper					
Michael	Professor of Geography				
United States Air Force Academy/University of North Alabama	Florence	AL	United States		
mjpretes@una.edu					
National Parks and "Mission Essential": Teaching	About Protected Areas at the	U.S. Air	Force Academy		
One-sentence summary					
Teaching about national parks contributes to the train what they are "fighting for."	ining of future military officers by	helping t	hem understand		
Abstract					
Many universities across the United States offer a course in national parks. A newcomer to this list is the U.S. Air Force Academy, where cadets are trained to become Air Force officers as well as receiving an undergraduate degree in their chosen major. Despite its location in Colorado within a short drive of several national parks, it was not until Spring 2025 that the Air Force Academy offered its first course on National Parks and Public Lands, taught by the two authors of this paper. In this presentation we reflect on the particular circumstances of teaching this course at a military academy, how a course on parks fits into the "mission essential" component of military preparedness, and how a course on national parks fits into the larger discourse on creating leaders of character and what it means to be an American.					
Additional people involved in the presentation, if any					
This paper is co-authored with Jason Lackey, U.S. A	Air Force Academy.				
This paper is part of an Information Sharing Session Pretes. Other participants in this session are Yolonda Young, and Randall Wilson.					

Present a Poster						
Ashelee	Rasmussen	Biological Illustrator				
NRCC Research	h Associate	Pocatello	ID		United States	
asheleerasmus	sen@isu.edu					
Roles of Art in	Science Communication and Outr	each				
One-sentence s	ummary					
	ience members will gain a greater und outreach efforts.	derstanding of how art can supp	ort scie	nce (communication	
Abstract						
support of con and describe the a tool that bols topics into the efforts, art acts relationships of	n of natural science research is the in- servation. Researchers need to make he broader benefits of conservation to sters communication. Biological focus visual realm to be more accessible to as a gateway to engage the public be r events. Biological artworks can be in leave lasting impressions and inspire	e serious attempts to reach beyond raise awareness, educate, and sed artwork supports outreach by a wide audience. As researcher by focusing attention and telling was informative outreach elements the	nd the s gain pu bringir s enlist visual st	cien blic ng co artis ories	tific community support. Art is onservation ts in outreach exploring	
Additional peop	le involved in the presentation, if any					
Andrew Ray, N	lational Park Service, North Coast and	d Cascades I&M Network Progra	m Mana	ager		

Organize an Information-Sharing Session: Panel Discussion					
Lauren	Research social scientist				
ALWRI	Missoula	MT	United States		
lauren.redmore@usda.gov					
The Wild Next Door: Between City Limits and Sac	red Lands				
One-sentence summary					
Attendees/audience members will hear from a range wilderness & engage with the storytellers.	of voices one management cha	allenges of	urban proximate		
Abstract					
This session proposes to show a 45-min film (current producers, and experts. The film is about the Alpine recreational use increases, the Forest Service grapple preserved, though much on-the-ground work gets pitheir project approaches. Tribal rightsholders grapple need to work with diverse NGO partners to influence wilderness, what is the ALW, what are the challenges potential solutions.	Lakes Wilderness (ALW) located es with declining budgets to en cked up by NGO partners who with the impacts of recreations visitor behavior. This film addresses	d outside of sure wilder can be mo all use and esses ques	of Seattle, WA. As rness character is tree creative in the growing stions of: what is		
Additional people involved in the presentation, if any					
Mitchell Clark, Society for Wilderness Stewardship Forms Armatas, ALWRI Research Social Scientist Olga Helmy, ALWRI science communications special spe		estroy Colle	ective		

Present a Poste	er			
Michelle	Reilly	Biologist- Wilderness SME		
Arthur Carhart Center	National Wilderness Training	Missoula	MT	
Michelle_Reilly	@fws.gov			
Beyond Secre	taries, Hostesses, and Cooks: The	Women Who Battled to Save V	Vilderness	
One-sentence s	ummary			
Attendees/aud	ience members will recognize a few c	of the important women in our wi	Iderness histo	ory.
Abstract				
for wilderness places to biologist, author of the Wilderness author of	th Congress passed The Wilderness preservation. These stories usually incor, and ecologist; Robert Marshall, the Society; and Howard Zahniser, long lilderness Act. But there are other figure women as homemakers and housew history are seldom told. These stories	clude three figures: Aldo Leopole e philanthropist, forester, and co time president of The Wildernes ures whose stories are seldom to vives. It is no surprise then, that	d, the well-know founder and find Society and old in wilderne stories of won	own wildlife nancier of primary ess history.
Additional people	le involved in the presentation, if any			

Present a Poste	er			
Michelle	Reilly	Wilderness Liaison to NWRS		
USFWS- Arthur Training Center	Carhart National Wilderness	Hamilton	MT	United States
Michelle_Reilly	@fws.gov			
Misinterpretat	ions of Wilderness in the US Public	Lands System		
One-sentence su	ummary			
	understand that 'wilderness' from sto the 1964 Wilderness Act.	ries about manifest destiny is no	t the sam	e as "Wilderness"
Abstract				
persisted for de definition of will man and nature between man a	chistory of the Act is not without strug ecades, arguing that the Act is "dualist derness offered in the Wilderness Act e. This session investigates two critici and nature and that Wilderness intimatich as: Where do these criticism stem	stic, ethnocentric, and static." Or t of 1964, "assumes, indeed it er isms: that the Wilderness Act per tes a purity of the land and peop	ne critic s nshrines, rpetuate a	tates the a bifurcation of a dichotomy
Additional peopl	le involved in the presentation, if any			

Present a Pape	r				
Michelle	Reilly	Biologist-Wilderness Subject Matter Expert			
USFWS- Arthur Training Center	Carhart National Wilderness	Missoula	MT	United States	
Michelle_Reilly	@fws.gov				
The Monsters	We Create: A Discussion about Mis	sinterpretations of Wilderness			
One-sentence su	ummary				
Attendees/audi	ience members will understand where	e criticism of wilderness originate	ed.		
Abstract					
NWPS. But the persisted for de definition of will man and nature between man a	ughly 125 pieces of wilderness legislate history of the Act is not without strughed act and arguing that the Act is "dualist derness offered in the Wilderness Act e. This session investigates two critical and nature and that Wilderness intimated as: Where do these criticism stem	gle and despite the growth of the stic, ethnocentric, and static." Or tof 1964, "assumes, indeed it er sms: that the Wilderness Act per tes a purity of the land and peop	ne system ne critic st nshrines, a rpetuate a	criticisms have tates the bifurcation of dichotomy	
Additional peopl	le involved in the presentation, if any				

Organize an Information-Sharing Session: Presentation	on + Audience Interaction	
Michelle	Wilderness Liaison	
USFWS- Arthur Carhart National Wilderness Training Center	Missoula	MT United States
Michelle_Reilly@fws.gov		
The Monsters We Create: Misconceptions about	Wilderness in the US	
One-sentence summary		
Attendees will review historical documents and gain wilderness in the US.	understanding about the miscor	nceptions of designated
Abstract		
The history of the Wilderness Act is not without strug- persisted for decades, arguing that the Act is "dualis definition of wilderness offered in the Wilderness Act man and nature. This session investigates two criticis between man and nature and that Wilderness intimat criticism stem from and are they warranted? Through a gaming platform on their phones (BravoZone) and a comment.	etic, ethnocentric, and static." Or tof 1964, "assumes, indeed it er sms: that the Wilderness Act pe tes a purity of the land and peop hout the session, participants ca	ne critic states the nshrines, a bifurcation of erpetuate a dichotomy ple. Where do these an interact via questions in
Additional people involved in the presentation, if any		
Attendees will be able to use their phone to engage is will be displayed on the projected screen. If possible let me know if that's not possible so that I can rework	e, audio will be needed to play a	•

Present a Poster					
Michelle Reilly	Wilderness Specialist				
Arthur Carhart National Wilderness Training Center	Missoula	MT			
Michelle_Reilly@fws.gov					
What is the interagency Arthur Carhart National V	Vilderness Training Center?				
One-sentence summary					
Attendees/audience members will learn about the Ce aspects of inter-dept training.	enter and be introduced to rewa	arding and challenging			
Abstract					
There is one National Wilderness Preservation System in the United States. But, where is it? And who manages it? That's where things get interesting! The Wilderness Act of 1964 created one NWPS comprised of congressinoally-designated wilderness on public lands managed by two different departments (Department of Interior and Department of Agriculture) and FOUR different agencies! Although the agencies have their own mission, they must manage designated wilderness under the same mandate, to preserve wilderness character. The interagency Center was created in 1993 and staffed by the four management agencies to provide consistency and collaboration in managing wilderness. This poster will provide participants with a brief history of the Center and aspects of interagency collaboration that can be both rewarding and at times challenging.					
Additional people involved in the presentation, if any					
Jimmy Gaudry- ACNWTC Director; Rob Burrows - ACNWTC -NPS; James Sippel - ACNWTC- BLM.					

Present a Poste	er				
David	Reynolds	Steering Committee Member			
U.S. Biosphere	Network	Medford	NJ		
dreynolds@geo	orgewright.org				
U.S. Biosphere	e Network				
One-sentence s	ummary				
	ience members will discover how scied beyond parks and protected areas.		plied ac	ross large	
Abstract					
Twenty-eight biosphere regions in the United States and 761 worldwide connect Parks and protected areas with landscapes where people live and work. These sites are internationally recognized by UNESCO with geographies uniquely designed to achieve conservation and sustainable development through collaboration.					
Additional people	le involved in the presentation, if any				
Meredith King,	USBN-University of Michigan Gradua	ate Communications Intern			

Present a Poster					
Will	Associate Professor				
University of Montana	Missoula	MT			
will.rice@mso.umt.edu					
Data-driven design for more effective Wilderness	trailhead signage				
One-sentence summary					
Attendees/audience members will be able to gain a signage.	sense of how participatory desig	yn can make more effective			
Abstract					
This poster presents findings from a study conducted Visitors were invited to assemble their ideal trailhead treatments and categories of information—such as L condition reports, and maps. We analyzed visitor presinformative, and behaviorally effective trailhead signal participate in the same hands-on activity and comparing goal is to spark discussion about how participatory of the same hands are presented by the same hands.	sign using "puzzle pieces" that eave No Trace principles, wilde eferences to inform the design of age. Conference attendees will have tre their preferences with those	featured different graphic rness regulations, trail of more engaging, nave the opportunity to of wilderness visitors. Our			
Additional people involved in the presentation, if any					
Jeremy Shellhorn, University of Kansas Adalyn Vergara, University of Montana					

Participate in the 3MR (Three-Minute Research Competition)				
Trevor	Undergraduate Research Assistant			
University of Montana, Wilderness and Recreation Management Lab	MISSOULA MT United States			
trevor.ross10@gmail.com				
Measuring angler intra-site place attachment b	ased on survey responses and GPS tracking.			
One-sentence summary				
Attendees/audience members will better understand location tendencies along a resorvoir.	nd how the specific species targeted by anglers affects their			
Abstract				
qualitative survey data in combination with quantital reservoir based on what specific fish species angle as Kernel Density paired with a Quantile Distribution	of species targeted? Using ArcGIS Pro, I measured ative GPS data to track location tendencies within Blue Mesa ers were targeting. I employed the use of analysis tools such in Method of Symbology (of measured point density) to show a responses for target species (kokanee, mackinaw, perch,			
Additional people involved in the presentation, if any				

Present a Poster				
Trevor	Research Assistant / Undergr	ad		
University of Montana	Missoula	MT		
trevor.ross@umontana.edu				
The Blue Mesa Timeline: A Data Dashboard				
One-sentence summary				
Attendees/audience members will better understand behavior.	I how GIS tools can be leverage	d to analyze recreational		
Abstract				
The Blue Mesa Timeline is a data dashboard developed using three ArcGIS Online Applications (Experience Builder, Web Map, StoryMap) along with ArcGIS Pro to visualize recreationist behavior from quantitative GPS data paired with qualitative recreation survey data collected during the 2024 Summer season on Blue Mesa reservoir in Curecanti National Recreation Area. The dashboard allows end users to visualize a "day" or "summer" on the reservoir, with enhanced levels of interaction, zooming, panning, and variable enabling/disabling to view anglers targeting specific fish species, non-anglers, crowding sensitive users, regular and first-time visitors, solos and groups, and many other variables.				
Additional people involved in the presentation, if any				

Participate in the 3MR (Three-Minute Research Competition)				
Audrey	Master's Student (M.Sc. in En	vironmenta	al Sustainability)	
University of Ottawa	Ottawa	Ont	Canada	
aroy121@uottawa.ca				
A Shared Responsibility: The Environmental Politi	ical Economy of a Zero-Waste	Banff Nat	tional Park	
One-sentence summary				
Attendees will understand the challenges of national practices.	park waste management and th	e benefits	of zero waste	
Abstract				
How can national parks achieve zero waste within their unique political, economic, and social contexts? Using an environmental political economy approach, my research examines waste management in Banff National Park – Canada's most visited national park – and explores pathways for greater sustainability. As symbols of ecological integrity, national parks present an opportunity to lead by example. Improving sustainability in these highly protected areas could help drive broader adoption of sustainable practices across Canada. Ultimately, reducing waste in national parks can contribute to lowering Canada's waste-related greenhouse gas emissions, which account for 17% of the nation's annual methane emissions.				
Additional people involved in the presentation, if any				

Present a Poster			
Audrey	Master's Student		
University of Ottawa	Ottawa	ON	Canada
aroy121@uottawa.ca			
Whose Parks? How to Meaningfully Consult Interest	est Holders in Managing Natio	nal Parks	
One-sentence summary			
Learn how to meaningfully consult interest holders in Canada, and recommendations for improvement.	park mgmt, explore best praction	ces, curre	nt gaps in
Abstract			
This poster compares internationally recognized best Park Canada's (PCA's) current consultation processed Indigenous consultation documents, identifying both global standards in areas like feedback, education, ke challenges remain around low engagement, limited education in Indigenous consultation. These gaps are concerning reduced funding, and climate change impacts. Experience collaboration with interest holders and Indigenous consultation of the consultation in the consultation and indigenous consultation with interest holders and Indigenous consultation with interest holders.	es. It is based on a critical review their successes and shortcoming and transpare mpowerment of local leadership as national parks face growing arts consistently emphasize the next second consistent	of 29 PC ngs. While ency, sign o, and inef visitor-cap eed for mo	A public and PCA aligns with ifficant fective pacity conflicts, eaningful
Additional people involved in the presentation, if any			
Paul Heintzman (reviewer/supervisor)			

Participate in the 3MR (Three-Minute Research Competition)				
Isaac Sanchez	PhD Student			
University of California	Sonora	CA	United States	
isanchezterrazas@ucmerced.edu				
California's Delta in Motion: the state of the recre	eation economy and communi	ty wellbe	ing	
One-sentence summary				
Attendees/audience members will be able to better uponly National Heritage Area.	understand few of the many issu	ues affect	ing California's	
Abstract				
This presentation is part of a study, which examines the economic and social dimensions of recreation and tourism in California's Sacramento–San Joaquin Delta. Drawing from government and private-sector data, this work analyses employment, wages, infrastructure investment, and participation tied to the outdoor recreation economy. A mixed-methods approach integrates quantitative economic metrics with qualitative assessments of community wellbeing—centered on income, job stability, and climate vulnerability. Drainage from the Sacramento and San Joaquin rivers along with the Palmer Drought Severity Index are used to link economic conditions to drought and salinity stresses. Findings shown reveal how deeply the Delta's recreation economy is intertwined to the lived experiences of people who live, work and visit the Delta region.				
Additional people involved in the presentation, if any				

Present a Paper				
Wesley	PhD Student			
University of Montana	Missoula	MT	United States	
wesley.sarmento@umontana.edu				
Human visitation limits the utility of protected are	eas as ecological baselines			
One-sentence summary				
Protected areas offer public enjoyment, but redistrib in what we perceive as pristine.	ution of wildlife signifies that add	litional ca	re will be needed	
Abstract				
A key goal of protected areas is the conservation of biodiversity. Increasing visitation, however, can compromise ecological integrity. A fundamental conundrum is that if parks are to serve as our most pristine places, then we must understand how human presence alters biological interactions. Species that redistribute themselves closer to people is of growing management concern because of 1) human safety, 2) animal health, and 3) ecological consequences. We examine redistribution patterns of an iconic species in Glacier National Park. Specifically, we focused on predator-avoidance and resource enhancement to test whether mountain goats mediate their distribution by increasing spatial overlap with humans. Our findings re-enforce the increasing complexities of natural area management because visitation is altering ecological interactions.				
Additional people involved in the presentation, if any				
Joel Berger, Colorado State University & Wildlife Con	nservation Society			

Present a Pape	r			
David	Sauchyn	Director / Professor		
Prairie Adaptat University of Re	ion Research Collaborative, egina	Regina	Sas	Canada
sauchyn@ureg	ina.ca			
Co-creating C	Climate Adaptation Strategies for Inc	digenous Communities in Wes	tern Cana	ada
One-sentence s	ummary			
	mate adaptation strategies address so of Indigenous Peoples.	ocial justice, conservation of trea	ity and and	cestral lands and
Abstract				
describes a pa western Canac constraints on community-rele expertise, we a on western scie	on addresses the Core Workshop Secretaring among our climate adaptations. These communities are vulnerable their adaptive capacity and climate in evant communication tools and climate in the bridge a significant gap in known ence, void of Indigenous ways of known and exemplify strategies that addresses and exemplify strategies that	on institutes and various Indigen to climate change stemming from apacts on their Treaty and ances ate services and weaving local knowledge and capacity, resulting from wing. These partnerships suppo	nous common socio-estral lands. nowledge vom a color rt culturally	nunities in conomic By co-creating with scientific nial system built y aligned
Additional peop	le involved in the presentation, if any			
	a Elliot and Laura Lynes Institute, Canmore, Alberta			

Organize an Information-Sharing Session: Sharing Circle				
Erin	Seekamp	Professor and Executive Director, Climate and Sustainability Academy		
NC State Unive	ersity	Raleigh	NC	United States
elseekam@ncs	su.edu			
Striving for m	eaningful engagement in climate a	daptation planning of ancestr	al heritage	e sites
One-sentence s	summary			
Attendees/auc planning effort	dience members will learn and share g s.	guidance for meaningful engage	ement in cli	mate adaptation
Abstract				
Hear about our journey toward meaningful engagement and share your stories of setbacks and success. Our journey emerged from a pilot project with members of the Kootenai and Séliš-Qlispé Culture Committees about climate adaptation planning of traditional use areas stewarded located within Glacier National Park (theme 1). We will also share lessons we learned along the way, such as co-creating shared terminology. For example, we selected the term "traditional use areas" (vs archeological sites) to clearly articulate the association to living people and the spirits of human and non-human ancestors within landscapes (theme 2). The disassociation of people and ancestors from these places can harm those invited to engagement activities by perpetuating historical traumas associated with settler colonialism and forced displacement (theme 3).				
Additional peop	ole involved in the presentation, if any			
•	o, Jr., Session co-organizer and co-proge Coordinator, Confederated Salish a			

Organize an Information-Sharing Session: Sharing Circle				
Craig	Shafer	NPS ecologist as of 2009		
National Park S	Service (retired)	Arlington	Virgi	United States
cshafer@gmu.e	edu			
Publishing for	Beginners			
One-sentence s	ummary			
Give the journal categories.	al what they want in terms of subject,	structure, and length while also	fitting one	of their article
Abstract				
Trying to publish an article in an outside venue for the first few times can be an intimidating experience unless you have an experienced co-author or graduate advisor to help you along. Many questions arise. What is the topic? What type of article should I write: original research, review, case study, or essay in a peer-reviewed journal, a book chapter if the opportunity arises, a law article, or a magazine article? Which journal or other venue should I submit to? How to deal with journal gatekeepers (the ones who determine if your submission is good enough to send on to the editor). How to encourage editor's interest so he /she wants to send your article out for review. Dealing with reviewer comments and possible rejection. And so on. There are books on this topic that cover more ground and I plan on recommending one of them.				
Additional peop	le involved in the presentation, if any			
questions that be the best che good approach	a few others besides myself to help in the group may have. In order to facil oice for this event. For example, a burn. I am no pro at publishing by any memostly land managers, there are some newald	itate open discussion, the inform nch of soft couches or chairs arra eans, but I have learned a lot bas	ation shar anged in a sed on per	ring format may a circle may be a sonal experience.

Present a Paper				
Ryan Sharp	Associate Professor			
University of Tennessee	Knoxville	TN	United States	
rsharp19@utk.edu				
Exploring Economic Impacts of the Lewis and Cla	ark National Historic Trail			
One-sentence summary				
Attendees will understand the importance and method trails.	ods for conducting economic im	pacts of l	ong-distance	
Abstract				
Understanding the economic impact of long distance trails such as the Lewis and Clark National Historic Trail (LECL) is a difficult endeavor. The distance of the trail is a challenge, but the diversity of sites along the trail provides an additional obstacle. This was the first attempt to understand the economic impact of LECL. The researchers included different museums, parks, and historical sites. On-site surveys were collected at 5 test locations in 2024, with 425 visitors completing the survey. Visitors at the 5 selected sites generated \$14.5 million in annual expenditures. Visitor expenditures supported an estimated 195 jobs in the Midwest and generated \$7.49 million in labor income for Midwestern families. This study established and demonstrated a methodology for conducting the economic impact of the entire LECL.				
Additional people involved in the presentation, if any				
Dr. James Maples - Co-PI - NOAA Taylor Bogucki - Graduate Student - University of Te	ennessee			

Organize a Core Workshop Session: Hands-on Activity				
Jeremy	Professor of Visual Communication Design			
University of Kansas / CC Co-lab	Lawrence	KS United States		
jeshellh@ku.edu				
The Art and Science of Signage: Two examples are	nd a design charrette			
One-sentence summary				
Attendees/Audience members will leave with actiona	ble design strategies, and prot	otype for their new sign!		
Abstract				
This session will introduce a new way of thinking about how we design effective signs in parks and protected areas. We'll begin with two presentations, which will serve to demonstrate a data-driven approach to signage design and testing. The first presentation will share findings from a signage experiment conducted on a beach in Lake Tahoe in summer 2025, in collaboration with the League to Save Lake Tahoe. The second presentation will share findings from a two-part study conducted in 2024 and 2025 on the effectiveness of universal symbol signs used in campgrounds, and proposes a set of redesigned symbols for improved communication. The latter half of the session will consist of a design charette, wherein participants will team up to apply the findings of these studies to applied park signage challenges, including redesigning universal symbols. Participants are encouraged (but by no means required!) to bring a sign or signage communication challenge of their own to the				
Additional people involved in the presentation, if any				
Co-Presenters: Dr. Will Rice, University of Montana Miranda Foster, University of Montana Adalyn Vergara, University of Montana Marilee Movius, The League to Save Lake Tahoe				

Present a Paper				
B. Derrick Taff	Assistant Dean, College of Health and Human Development; Associate Professor, Recreation, Park and			
Penn State University	University Park	Pen	United States	
bdt3@psu.edu				
Informing human waste management strategies i	in parks & protected areas: Le	ssons lea	arned	
One-sentence summary				
Understand visitor behavioral patterns, perceptions is best practices for managing human waste	regarding burial & bagging appr	oaches, a	s well as current	
Abstract				
Human waste disposal by outdoor recreationists is a significant global environmental issue. Despite the extent of this growing issue for human and environmental well-being, the sensitive nature of the topic has resulted in a lack of empirical research to inform management. To-date, this issue has largely been addressed through "Leave No Trace"-based education strategies involving either burying waste onsite, or carrying waste out of the area for later disposal. This presentation will combine findings from recent human waste-focused research from Rocky Mountain, Grand Teton, and Abel Tasman (New Zealand) National Parks and other U.S. Forest Service areas in an effort to inform current management strategies and future research.				
Additional people involved in the presentation, if any				
I'll be the only presenter, but my co-authors include:				
Shari Edelson1, Jeff Dalley2, Chris North3, Lynette N	McLeod3, Toni Torepe3			
1 Department of Recreation, Park and Tourism Mana 2 Department of Conservation, New Zealand 3 University of Canterbury, New Zealand	agement Department Pennsylva	nia State	University	

Present a Paper	ſ				
Levi	Tenen	Assistant Professor of Philosophy			
Virginia Wesleya	an University	Norfolk	VA	United States	
levitenen@gmai	il.com				
Visit with Resp	ect: An Indigenous, and distinctive	ely American, Outdoor Recreat	tion Ethi	C	
One-sentence su	ımmary				
Attendees/audiabout a new ou	ence members will learn about the Vitdoor ethic.	isit with Respect ethic, critique L	.eave No	Trace, and think	
Abstract					
shape: "Visit wirederal agencie Should one be a training program traditions than Indigenous-insp	e" has been the dominant outdoor reth Respect" is being developed by the sand tribes in the Bears Ears region adopted over the other? I draw from to answer these questions. I argue Leave No Trace, but is limited in its coired, distinctively-American, outdoors to reflect on how someone likes	he Bears Ears Education Center of the How does Visit with Respect did my experience taking part in the that Visit with Respect is more incurrent form. So, I synthesize the per recreation ethic. The result is a	(BEEC), value (BEEC's nolusive two and general	which works with Leave No Trace? Visit with Respect of different develop an	
Additional people	e involved in the presentation, if any				
None					

Present a Poster		
Levi	Assistant Professor of Philoso	ophy
Virginia Wesleyan University	Norfolk	VA
levitenen@gmail.com		
Who should own public lands — Individual states	, the Feds, or Tribes?	
One-sentence summary		
Attendees will explore similarities between conservationsistent defense of public lands.	tive and liberal criticisms of fed	eral lands and see a
Abstract		
Critics of federal lands can be found across the politic ownership undermines state sovereignty, while some sovereignty. These sovereignty-based concerns have defend federal ownership from the Republican challe without unfairly limiting states' sovereignty or destroy serious historical injustices and federal ownership defederal government ought to co-own today's federal sovereignty while still providing the unique values of	e left-leaning thinkers argue that e not received much discussion engers by showing public lands ying their distinctive cultures. Hoes undermine their cultures. So lands. If done well, this would l	nt it undermine tribal n, so I consider them. I first promote unique values lowever, tribes did suffer o, I argue that tribes and the
Additional people involved in the presentation, if any		
This poster draws from the work I am doing writing rathem, and How Should They Be Managed? Present with a diverse group of specialists. I am also present Respect, an outdoor recreation ethic.	ing at the GWS is a great oppor	rtunity to test my ideas out

Present a Paper			
Jennifer Thomsen	Associate Professor		
University of Montana	Missoula	Мо	United States
jennifer.thomsen@umontana.edu			
Co-Creating an Integrated Climate Impact Assess	sment in the Little Rocky Mou	ıntains	
One-sentence summary			
Attendees/audience members will learn about different climate change response and planning.	ent methods that can contribute	to a holisti	c approach to
Abstract			
In partnership with the Fort Belknap Indian Community, we are adopting a holistic approach to climate change impact assessment in the Little Rocky Mountains that integrates traditional ecological knowledge with climate models. This range is home to numerous food and medicinal species of cultural importance. It is critical to understand how climate change has affected and will affect availability of these species and the cultural implications for the tribe. Adopting a holistic approach to climate change assessment will contribute to understanding the interconnected issues of protecting significant species and culture in their full complexity. Scenarios of future climate change impacts on the plant species and different scenarios for the community will be explored to inform planning and management decisions.			
Additional people involved in the presentation, if any			
Austin Afterbuffalo Dennis Longknife Michael Blackwolf Dave Sauchyn			

Organize a Core Workshop Session: Presentations +	- Audience Interaction		
Jocelyn	Chief Conservation Officer		
Conservation Lands Foundation	North Las Vegas	NV	United States
jocelyn@conservationlands.org			
National Conservation Lands: Past, present, and	future of lands beyond and be	etween Na	ational Parks
One-sentence summary			
Attendees will explore how NCLs management may development, climate and recreation pressures.	evolve and innovate in concert	with incre	asing
Abstract			
Beyond and between National Parks lies another co- Conservation Lands. For 25 years, National Conserva- nationally significant lands and waters that have out panel brings together retired agency staff, Tribal and to explore the past, present, and future of this unique Indigenous co-stewardship to rural economic revital National Conservation Lands provide proven solution traditional uses, and energy production while deliver	vation Lands have conserved, prostanding cultural, ecological, and conservation leaders, and ecological each and ever-evolving conservation, the panelists will providens for balancing conservation, so	rotected, and scientification deviced in the contraction of the contra	and restored c values. This relopment experts ystem. From as to how
Additional people involved in the presentation, if any			
Tentative Panelists: Bob Ratcliffe, BLM and NPS (retired) Carrie Hamblen, CEO/President, Las Cruces Green John Leshy, DOI Solicitor (retired) for the BLM and N Hillary Hoffman and/or Charissa Miijessepe-Wilson, John Todd, Wild Montana Chris Hill – CEO, Conservation Lands Foundation (fa	NPS Bears Ears Inter-Tribal Coalition	٦	

Organize an Information-Sharing Session: Invited Papers				
Isaiah	Tuolienuo	Research Assistant		
University of Mo	ontana	Missoula	Мо	United States
	o@umontana.edu as and Environmental Justice			
One-sentence su	ummary			
	xplore various manifestations of envir	onmental in(justice) in protected	area mar	nagement and
Abstract				

This session's presentations explore the intersection of protected areas and environmental justice and ways to promote social and environmental justice. The first three presentations examine local communities' rights over their natural resources, emphasizing the importance of socio-ecological justice, collaborative environmental governance, community agency, ecotourism, and alternative visions as successful strategies for achieving environmental justice. The fourth explores collaborative landscape stewardship and ways to foster inclusion and a sense of belonging among stakeholders. The final presentation provides a synthesis of case studies to illustrate the intricate relationship between protected areas, ecotourism, and environmental justice, and shares lessons for integrating these elements to promote just conservation outcomes

Additional people involved in the presentation, if any

Session co-organizers: Isaiah Tuolienuo and Keith Bosak

- 1. The Complementary Role of Justice and Social Capital in Influencing Just Outcomes in Resource Conflicts: The Case of the Atewa Range Forest Reserve, Ghana. Presented by Isaiah Tuolienuo, PhD Candidate, W.A. Franke College of Forestry & Conservation, University of Montana
- 2. Social-Ecological Justice Approach to Ecotourism: Examples from Cockpit Country, Jamaica. Presented by Boo Curry, MS Graduate, International Conservation & Development, W.A Franke College of Forestry & Conservation, University of Montana
- 3. Drivers and Dynamics of Collaborative Environmental Governance in Chilean Patagonia. Presented by Zac Hummel, MS Graduate, International Conservation & Development, W.A Franke College of Forestry & Conservation, University of Montana
- 4. Exploring Ways to Foster Belonging and Connection for Collaborative Landscape Stewardship and Environmental Justice. Presented by Shawn Johnson, Director, Center for Natural Resources and Environmental Policy, University of Montana
- 5. Exploring the Protected Areas, Ecotourism and Environmental Justice Nexus: An Overview and Synthesis of Case Studies. Presented by Keith Bosak, Professor & Chair, Department of Society and Conservation, W.A Franke College of Forestry & Conservation, University of Montana

Present a Pape	r				
Carena	Van Riper	Associate Professor			
University of Illi	nois Urbana-Champaign	Urbana	IL		
cvanripe@illinois.edu					
Inclusive cons	ervation in the Denali region of Ala	ska			
One-sentence s	ummary				
Abstract					

The success of conservation initiatives often depends on the inclusion of diverse voices in planning and management. However, residents that live around protected areas have not been consistently prioritized in US protected area research and tend to hold relationships with landscapes that differ from tourists and resource managers. This project therefore sought to understand the viewpoints of residents from 10 communities surrounding Denali National Park and Preserve and Denali State Park through a five-year mixed methods project. Our presentation will synthesize results from multiple phases of research including an in-depth discussion forum that revealed multiple values ascribed to Denali landscapes and a longitudinal experiment that documented shifts in preferences for the future as a result of social learning across interest groups.

Additional people involved in the presentation, if any

William Stewart, Emeritus Professor Department of Recreation, Sport and Tourism, University of Illinois Urbana-Champaign

Devin Goodson, PhD Candidate Department of Natural Resources and Environmental Sciences University of Illinois Urbana-Champaign

Riley Andrade, Researcher US Fish and Wildlife Service

Dana Johnson, PhD Candidate Institute for Resources, Environment and Sustainability, University British Columbia

Evan Salcido, Postdoctoral Researcher School of Forest Resources, University of Maine

Rose Keller, Researcher Norwegian Institute for Nature Research

Participate in the 3MR (Three-Minute Research Competition)					
Adalyn	Vergara	PhD Student, Research Assistant			
University of M	ontana	Alberton	MT	United States	
av239551@um	connect.umt.edu				
Beyond the Av	verage Visitor: Refining Photo Norm	ns for Crowding Perception on	the Wate	er	
One-sentence s	ummary				
	ience members will better understand mate and visitor use.	d the use of photo-norm evaluation	ons to mo	onitor and adapt	
Abstract					
delivery of high evaluations are experience cor Reservoir in Cu climate. This st setting-specific	ber of visitors to parks and protected a-quality visitor experiences with the period widely used in outdoor recreation resolutions, yet they often overlook setting urecanti National Recreation Area, matudy refines photo norm models beyong factors, such as boat amount dispersionater crowding and congestion using the setting of the congestion of the congestion using the congestion of the congestion using the congestion of the congestion using the congestion using the congestion of the congestion using the cong	preservation of the natural environsearch to assess thresholds and a specific and individual characteristic and density and the "average" visition, and 2) visitor characteristic	nment. P visitor ac teristics. to changi sitor by in	hoto norm sceptability of At Blue Mesa ng visitation and corporating 1)	
Additional peop	le involved in the presentation, if any				

Present a Pape	er e e e e e e e e e e e e e e e e e e				
Adalyn	Vergara	PhD Student, Research Assistant			
University of M	lontana	Alberton	MT	United States	
av239551@um	nconnect.umt.edu				
Getting fishy:	Using animal-movement theory to	predict angler movement on a	reservoir		
One-sentence s	summary				
	lience members will further understar ecision-making.	nd how shifting visitor use and cl	imate con	ditions impact	
Abstract					
management. patterns, informaterns, informaterns, informaterns in Cultiple theory to example theory to example theory to example the cultiple theory were considered to the cultiple theory.	namics in reservoir-based protected a While surveys provide insight into vising strategies for crowding and expurecanti National Recreation Area, thin ine visitor experiences focusing on 1 impacts. In summer 2024, 308 prescollected. Early findings show that coor. Results will further visitor use known.	sitor experiences, integrating GPS berience issues during a shifting of is study uses surveys, GPS track I) crowding and congestion, 2) vi surveys with GPS-tracked boating ommercial use, target species, an	S data reversions data reverses the contract of the confliction of the	eals site-specific Blue Mesa mal-movement icts, and 3) nd 290 post- kill levels shape	
Additional peop	le involved in the presentation, if any	,			
Ashley D'Anton 1The Universit 2The Oregon S 3 The Universit	gara1, William L. Rice1, Trevor Ross1 nio2, Cindy Leary3, and Christopher A y of Montana Department of Parks, T State University Department of Forest ty of Montana School of Public and Co pold Wilderness Research Institute	A. Armatas4 Tourism, and Recreation Manage t Ecosystems and Society		Adyasha Nayak1,	

Present a Poste	er			
Lauren	Wenzel	MPA Advisor		
IUCN World Co	ommission on Protected Areas	Annapolis	MD	USA
L2Wenzel@gm	ail.com			
North America	an Marine Protected Areas Network			
One-sentence s	ummary			
	ience members will understand that the management of marine parks.	nere is a network of managers a	cross Nort	h America to
Abstract				
experts from C biodiversity in	network of resource agencies, Marine Canada, Mexico and the United States critical marine habitats throughout the change among MPA experts and man Cooperation.	. This network aims to strengthe region and to facilitate transbou	n the consundary cod	servation of operation and
Additional peop	le involved in the presentation, if any			
	ring Committee members: Jason Boir isol Hernandez, CONANP; Gonzalo Ci		•	

Present a Poster			
Brey Weygandt	Graduate Student		
University of Idaho	Moscow	ID	United States
breyweygandt@gmail.com			
A Rapid Review of Participatory GIS Scholarship	Centering Tribal Sovereignty		
One-sentence summary			
Attendees/audience members will gain a deeper und sovereignty.	lerstanding of PGIS methodolog	ies that sup	oport tribal data
Abstract			
Participation Geographic Information Systems (PGIS knowledge with spatial representation. Indigenous perepresented or entirely absent. We examined literature = 8) highlight data sovereignty protocols, inclusive specological knowledge (TEK) into GIS. Findings suggestinctude oral histories, non-cartographic spatial knowledge include oral histories, non-cartographic spatial knowledge insights contribute to a broader understanding that advance PGIS, research partnerships, and center	erspectives in PGIS are often incre on Indigenous involvement in patial representation, and the intest Indigenous participation requiedge, and reciprocal—not extragor of how GIS can identify directing	consistently PGIS. Included PGIS. In	or inadequately uded articles (n traditional dologies that earch practices.
Additional people involved in the presentation, if any			
Chris Zajchowski; University of Idaho, Assistant Profe Nathan Moody; University of Idaho, Instructor, Colleg Christopher Armatas; USDA Forest Service, Aldo Leo Monika Derrien; USDA Forest Service, Pacific Northy Shanny Spang Gion; University of Idaho, Visiting Trib	ge of Natural Resources opold Wilderness Research Inst west Research Station, Researc	itute, Socia h Social Sc	

Organize a Core Workshop Session: Presentations + Audience Interaction					
Bob	Wick	Bureau of Land Management (retired)			
c/o Conservation	on Lands Foundation	Durango	CO	United States	
bob_wick@hot	mail.com				
	Role of Photographs in Building Sund How-To Discussion	pport for Conservation: Natior	nal Conse	rvation Lands	
One-sentence s	ummary				
Attendees will evolved BLM's	learn photo techniques and how publi mission.	ic perspectives on the rewilding	of impacto	ed areas have	
Abstract					
underapprecial While the article to share with we techniques any emergence and use in the protest a good image.	backer Magazine article sums up the intended lands managed by our nation's large profiled me — I served for decades workshop attendees are my experience yone can use to take better photos of digrowth of the BLM's National Consequentian and management of these specifications are participants can bring questions are	rgest public land steward, the Buas BLM's unofficial photographes in documenting these special their special places. First, I will ervation Lands with examples of cial places. I will then share tips of them available & easy for medical places.	ureau of La er — what places ar share bac the integr and techr	and Management. I primarily want d some kground on the al role of image niques for making	
Additional peop	le involved in the presentation, if any				

Present a Paper			
Clemens Wilson	Masters Student, Research As	ssistant	
The University of Montana - Economics	Missoula	Мо	United States
clemens.wilson@umconnect.umt.edu			
Recreational Value and Park Attributes: A Non-Ma	arket Valuation Approach		
One-sentence summary			
Attendees/audience members will better understand that value is estimated.	which park attributes have high	ı commun	nity value and how
Abstract			
Parks provide numerous benefits to visitors, they can recreation. The difficulty is that parks of different var community value. This study aims to understand this market valuation techniques and big mobility data, the attributes, namely sports facilities and walking paths park investment resources mean that managers need beneficial to park visitors, which might increase visital	ieties and with different attributes dynamic between park attribute is study will quantify which attribute /trails, are most valuable to located to identify and expand the pare	es provide tes and va ributes or d alized com rk attribute	varying levels of lue. Using non-combination of munities. Limited es that are most
Additional people involved in the presentation, if any			

Present a Paper					
Randall	Professor of Environmental Studies				
Gettysburg College	Gettysburg	PA	United States		
rwilson@gettysburg.edu					
Frameworks and Ladders - National Parks and Pi	rotected Areas in the College C	lassroor	m		
One-sentence summary					
Attendees will better understand how to educate stupublic lands	dents and the general public abo	out the im	portance of		
Abstract					
At first glance, national parks can seem a rather simple associate parks with beautiful landscapes, recreation study of parks can quickly devolve into encyclopedic overwhelm students (and the general public). This particular particular provide context and continuity in class bringing these rather abstract ideas "to the surface" strategies help students to gain a better understandichallenges faced by managers related to environment	n or family vacations that render accounts filled with a litany of faper articulates an approach using discussions, coupled with "lad as relatable individual experience of the importance of public la	fond menacts that ng historical dering" des. These	nories. But the quickly cal and theoretical evices aimed at pedagogical		
Additional people involved in the presentation, if any					
I will be submitting a session proposal with invited papers in that proposed session. I am co-organizing			one of the invited		

Organize an Information-Sharing Session: Invited	Papers				
Randall Wilson	Professor of Environmental S	Professor of Environmental Studies			
Gettysburg College	Gettysburg	PA	United States		
rwilson@gettysburg.edu					
Teaching About National Parks: National and In	nternational Experiences				
One-sentence summary					
Attendees/audience members will gain a better un public about the importance of public lands	nderstanding of how to educate s	tudents a	nd the general		
Abstract					
This session centers on strategies for teaching about national parks and protected areas in both the undergraduate classroom and to the public writ large. How we educate future generations and general audiences about parks and protected areas is critical to ensuring their continued viability in the decades to come. With this in mind, we explore how educators present and explain the role of parks in responding to the impacts of climate change, addressing issues of social and environmental injustice, and conserving both natural and cultural heritage. In this session leading public lands scholars will share their most effective pedagogical strategies and engage with audience members in a robust discussion of how these ideas may be applied to public education and understanding.					
Additional people involved in the presentation, if an	y .				
Session Co-Organizer is Professor Michael Pretes	3				
Invited Paper Presenters:					
 Prof. Michael Pretes and Lt. Jason Lackey - (not 2. Prof. Michael Childers - What is the Purpose of 3. Prof. Terry Young - Teaching Conservation in A 4. Prof. Yolonda Youngs - (not sure of title yet) 5. Prof. Randall Wilson - Frameworks and Ladders 	the National Parks frica				

Participate in the 3MR (Three-Minute Research Competition)					
Ava Worbets	Graduate Assistant				
Institute for Tourism and Recreation Research (University of Montana)	Missoula	MT	United States		
ava.worbets@umontana.edu					
Shifting Landscapes: How Recreation-Based Eco	nomies Redefine Sense of Pla	ace in Trail	Communities		
One-sentence summary					
Attendees/audience members will better understand communities.	the social impacts of recreation	n developm	ent on rural		
Abstract					
along the Continental Divide Trail (CDT) that have explores on how the shift to amenity-based economic and perceptions of tourism and recreation among locusense of place, the research explores the interplay be aims to contribute to literature on sense of place the distance trails. It seeks to provide insights for develope economic diversification, and preserve local culture in	es influences community identit cals. Using qualitative methods etween individuals, communitie ory, rural economic transition, a ping strategies that align with c	y, stakeholo and Erfani' es, and plac and impacts	der attachment, s framework of e. The study of long-		
Additional people involved in the presentation, if any					

Present a Paper					
Shi	Kue	phd student			
University of Illino	ois Urbana Champaign	Urbana	Illin	United States	
shixue2@illinois.e	du				
Values and ecos	system services shape environme	ental concern in Alaska, USA			
One-sentence sum	nmary				
	in insights into how values and envo	vironmental indicators shape pub	olic respon	ses to climate	
Abstract					
Our research explores how residents in Alaska respond to shifts in climate patterns and the associated changes in three ecosystem services: water yield, carbon sequestration, and sediment retention from 2005 to 2020. By integrating social and ecological data, we aim to understand the factors influencing public perception of global environmental change. We found that biospheric and altruistic values are positively correlated with environmental concern, while eudaimonic values show less sensitivity. Our findings highlight the importance of combining psychological constructs with contextual environmental indicators to better understand the public's response to climate change and inform future conservation efforts. This approach offers insights into sustainable solutions for addressing environmental change.					
Additional people i	involved in the presentation, if any				

Organize a Core Workshop Session: Presentations + Audience Interaction						
Yonit	Yogev	retired seasonal national park ranger/unaffiliated researcher				
n/a		Olympia	WA	Canada		
yonityogev@g	mail.com					
DEI in Environ	nmental Stewardship: Past and Pre	esent Challenges				
One-sentence s	summary					
Attendees/auc sharing session	dience members will have a chance to n.	o discuss future pathways to DEI	in a suppo	ortive, informal		
Abstract						
equity, and income began research mitigate the sy	al open discussion on the evolving challon as essential elements of environments and the National Park Service's historystemic racism within the service. As are your experiences and insights as	onmental stewardship. My DEI jo ory of addressing DEI, its dark his we all are aware, today there is a	urney bega story, and s full-on ba	an in 2013 when I slowness to cklash against		
Additional peop	ole involved in the presentation, if any					
unknown at the	is time					

Present a Pape	er				
Terence	Young	Professor Emeritus of Geography			
California State	e Polytechnic University, Pomona	Cambria	CA	United Sta	ites
tgyoung@cpp.o	edu				
Teaching Prot	ected-Area Conservation to "Africa	's Potential Leaders"			
One-sentence s	ummary				
	ience members will learn that Interior' o students in the 1960s.	s various protected areas were ι	used to	teach utilitaria	n
Abstract					
Students today can enroll in classroom and field courses about protected areas (PAs), but such opportunities are not new. In 1961, the Interior Department launched the African Student Program to "introduce" African students studying at US universities "to the conservation of natural resources." Initiated by Secretary Stewart Udall, the program offered a curriculum to men deemed "Africa's potential leaders." But, while a conservation student today might expect a course to emphasize biogeochemical cycles, biotic communities, and sustainability, when the environmental movement was emerging, Interior's 5 land-management agencies used PAs to teach utilitarian courses about conserving the natural resources "needed to sustain the American economy and way of life." My presentation analyzes the ASP's curriculum, methods and consequences.					n wart ation
Additional peop	le involved in the presentation, if any				
Session Co-org	ganizers - Randall Wilson, Gettysburg	College & Michael Pretes, University	ersity of	f Northern Alab	ama.

Present a Pape	:r					
Bill	Youngs	Professor of History				
Easterm Washi	ngton University	Cheney	WA	United States		
jwtyoungs@gm	nail.com					
Making a Diffe	erence: Nathaniel Langford and Geo	orge Wright- National Park Cre	eation and	d Transformation		
One-sentence s	ummary					
	ience members will have a deeper un uencing conservation.	derstanding of the work of Lang	ford and \	Wright, and learn		
Abstract						
Many advances in preserving our natural environment came about because of work by far-sighted individuals. In the case of National Parks, preservation exists partly because of the efforts of such visionaries. I propose to describe the work of two such individuals and highlight features of their work that provide guidelines for modern conservation advances. Nathaniel P. Langford was the foremost publicist for Yellowstone National Park (1872). Today, we might call him an "influencer." George Melendez Wright created (and financed) a new branch of the National Park Service focusing on park biology, most notably bird protection. Through his writings and by his example, he, too, was an influencer, helping make biological awareness a permanent feature of park management. I will explore the question, what can we learn from them today?						
Additional people	le involved in the presentation, if any					

Present a Poster		
Bill Youngs	Professor of History	
Eastern Washington University	Cheney	WA
jwtyoungs@gmail.com		
National Park Studies at Eastern Washington University	versity	
One-sentence summary		
Attendees and audience members will learn how one educating their students in park studies.	regional university is fostering	sustainability and
Abstract		
Eastern Washington University is engaged in National example, we have a major new endowment to support research seminar on National Parks, and related couland literature. The university is engaged in a "Prairie large tract of university-owned Palouse land adjacent nationalparkhistory.com.	ort National Park studies, a surverses in many other departments Restoration Project," designed	ey history course and sincluding biology, geology, to plant native grasses on a
Additional people involved in the presentation, if any		

Present a Paper					
Yolonda	Professor of Environmental Studies & Geography				
California State University, San Bernardino	San Bernardino	Calif	United States		
yyoungs@csusb.edu					
Teaching Experiential Learning and Field Data Co	llection in U.S. National Parks	and UNES	CO Sites		
One-sentence summary					
Attendees/audience members will learn about field be national parks and protected areas.	ased courses and experiential l	earning app	roaches in		
Abstract					
Tracing the impacts of climate change on national park and UNESCO landscapes is of utmost concern in the Anthropocene. Long term environmental monitoring (LTEM) research aims to monitor and document national parks and protected area landscapes for the effects of climate change over time. This paper presents case studies from a national parks course in an environmental studies and geography program that leverages field sites in Grand Teton National Park Wyoming and Channel Islands National Park and UNESCO Biosphere Reserve in California to provide experiential learning opportunities for undergraduate and graduate students. Students engage in an active faculty-led research project, learn field methods, work collaboratively with state and federal land agency researchers and managers, and create public engagement products and events.					
Additional people involved in the presentation, if any					
I am presenting a paper in an Invited Papers Informate Parks" organized by Randall Wilson and Mike Pretes	•	ching About	National		

Organize a Core Workshop Session: Presentations + Audience Interaction					
Alice	National Science Advisor, Manager Climate and Conservation Science				
Parks Canada	Montreal	QC	Canada		
alice.yue@pc.gc.ca					
Protected Areas: Everything Including the Carbon	Sink				
One-sentence summary					
Attendees/audience members will better understand protected areas.	effective ecosystem carbon acc	counting a	oproaches in		
Abstract					
Carbon accounting is foundational to developing from carbon sequestration for climate change mitigation in reduce emissions from operations (e.g. infrastructure gap on effective approaches and activities for ecosys Canada'secosystem carbon accounting approaches; of carbon sinks and sequestration; and examples of planning and restoration activities. Outcomes from the and effective approaches for protected area practition.	n protected areas. While progree assets and transportation), then stem carbon. This session will slow policies and directions for consthe integration of approaches in the session will help to inform the	ess has been re remains hare Parks servation a park throu	en achieved to a knowledge s nd enhancement ugh management		
Additional people involved in the presentation, if any					
Trevor Shiomi, Sustainability Manager, Parks Canada					

Present a Paper					
Chris Zajchowski	Assistant Professor				
University of Idaho & Idaho Department of Parks and Recreation	Moscow	Idah	United States		
czajchowski@uidaho.edu					
Assessing the Impact of Idaho House Bill 93 on Id	laho State Parks				
One-sentence summary					
Attendees/audience members will weigh the revenue campground utilization.	e benefits with potential impacts	to access a	and		
Abstract					
We examine the impacts of Idaho House Bill 93 (HB93), a differential pricing policy introduced in 2021 in response to record Idaho State Park visitation during the COVID-19 pandemic. HB93 prioritized access for Idaho residents by increasing use fees for nonresidents at select state parks. Using visitation data from five demonstration parks, we compared resident and nonresident visitation, duration of stay, and revenue generation before and after implementation. Our analysis reveals a i) 15.3% increase in Idaho resident reservations and a reduction in non-resident reservations, ii) modest increase in duration of visitor stay, and iii) 31.9% increase in revenue generation. However, parks experienced a reduction in total reservations, in one case by 27.1%, raising further questions about demand and substitution effects.					
Additional people involved in the presentation, if any					
Rebecca Honsinger, Idaho Department of Parks and Katherine Lee, University of Idaho Chelsea Pennick, University of Idaho	Recreation				

Present a Paper			
Chris Zajchowski	Assistant Professor		
University of Idaho & Idaho Department of Parks and Recreation	Moscow	Idah	United States
czajchowski@uidaho.edu			
Balancing Prairie Stewardship and Recreation Ac	cess		
One-sentence summary			
Attendees/audience members will evaluate the application planning in a State Park context.	cation of the IVUMF in conserva	ation and vi	sitor use
Abstract			
The Palouse Prairie is one of the most threatened econservation and visitor use planning and management prairie remnants. We highlight iterative data collection graduate students guided by the Interagency Visitor interviewing stakeholders, mapping trails, developing management alternatives. Park staff, conservation graduation, defining visitor use management direction prairie preservation and outdoor recreation access.	ent efforts at McCroskey State In and experiential learning active Use Management Framework. And interpretative media, planning roups, Eriends' groups, and other	Park, a site vities for un Activities in restoration ers assiste	with intact dergraduate and clude and travel d with building
Additional people involved in the presentation, if any			
Mary Engels, Assistant Professor, University of Idaho Nathan Blackburn, Park Manager, McCroskey State Keith Jones, Natural Resource Manager, Idaho Departure Manager, Idaho	Park		

Present a Paper		
Sharon	Assistant Professor	
University Of Illinois At Urbana-Champaign -	Champaign	Illin United States
szou@illinois.edu		
Recreation Fees in Parks and Protected Area		
One-sentence summary		
Attendees will understand how recreation fees impact access and equity, and explore strategies to support both conservation and visitor needs.		
Abstract		
As parks and protected areas face increasing visitation and funding constraints, effective financial strategies are essential to ensure their long-term sustainability. Drawing on the current literature, we examine the role of recreation fees in managing and sustaining funding for parks and protected areas. This literature review will explore the rationale and debate behind implementing recreation fees and their impacts on accessibility and visitor behaviors. It will also address potential challenges, including equity concerns and public perceptions of fees, as well as providing potential strategies (e.g., messaging, fee structure design) to address these challenges, offering a balanced perspective on how recreation fees can support both conservation efforts and visitor experiences.		
Additional people involved in the presentation, if any		
Nick Pitas, University of Illinois Urbana-Champaign Mia (Yanx)i Li, University of Illinois Urbana-Champaign		