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TUESDAY MARCH 14

SESSION 1: DROUGHT, CLIMATE TRENDS, and ADAPTATIONS

Welcoming remarks – Bill Avey



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Bill is married to Crystal Coffey Avey, who recently retired from the Forest Service Research branch at the Missoula Fire Science Lab. They have two grown daughters, Suzannah, who works for the National Park Service in Yellowstone National Park, and Caitlin, who is a staff writer for the Madisonian Newspaper in Ennis, Montana.

He graduated with a degree in Forestry from the University of Wisconsin at Stevens Point. He started his Forest Service career on the Big Horn NF of Wyoming in 1981 as a forestry technician, working primarily in fire, range and timber management. After 7 years there, he moved to the Manti-LaSal NF in Utah where he worked as an assistant fire management officer. He then went onto the Wisdom and the Madison Ranger Districts of the Beaverhead-Deerlodge National Forest where he worked in recreation, trails, timber, wilderness management, minerals, lands and special uses first as a forester and then as a district resource assistant. From 2000-2010, he was the District Ranger for the Big Timber RD (and ultimately for the Livingston RD as well), of the Gallatin National Forest. During that time he did several stints as Acting Deputy Forest Supervisor or Acting Forest Supervisor in the Northern and Southwest Regions. He has advanced Agency Administrator fire qualifications and has served as Agency Administrator on multiple large and complex fires. In 2006 he was awarded the National Line Officer Team Award for Fire Leadership. He became Deputy Director of Fire, Aviation and Air for the Northern Region in 2010. In February, 2012 he was appointed as the Forest Supervisor of the Lewis and Clark National Forest, and in January 2014 he was appointed the Forest Supervisor of both the Helena and the Lewis and Clark National Forests (now the Helena-Lewis and Clark National Forest).

Agenda Review, Overview of Workshop Objectives

- Lisa Talavia-Spencer

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Lisa Talavia-Spencer is with the Government of Alberta's Ministry of Culture and Tourism, Community Development Unit. She has a Master's degree in Public Administration from the University of Victoria. Lisa's experience includes over fifteen years of community development work in Lethbridge, Edmonton and Fernie with a current emphasis on group facilitation and public participation. When not in Fernie or Lethbridge, you can usually track her down overseas exploring new lands, visiting old friends and meeting new ones.

DROUGHT AND CLIMATE TRENDS

Defining Drought - Chad McNutt, Ph.D.



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Information System (NIDIS)
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Atmospheric Administration
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Chad McNutt is a member of the National Integrated Drought Information System (NIDIS) Program Office that is housed at the National Oceanic and Atmospheric Administration. Dr. McNutt has been involved in working with federal, tribal, state agencies, and local governments to improve capacity for responding to drought. Dr. McNutt and other colleagues at NIDIS have been working to develop regional drought early warning systems around the U.S. Most recently he has worked with the USDA Northern Plains Climate Hub, the Wyoming State Climate Office and others to produce a Drought Impacts and Outlook summary for the state of Wyoming. Prior to coming to NIDIS he served as a John A. Knauss Marine Policy Fellow in Washington D.C. and also as a policy advisor and Executive Director of NOAA's Office of the Assistant Secretary. While in the Assistant Secretary's Office he primarily worked on climate science policy related to NOAA and the U.S. Climate Change Science Program. He received a Ph.D. from the University of Houston in Biology and Biochemistry and a B.S. degree from Texas A&M University.

Montana Climate (past and future) trends and meteorological influences to drought

Nick Silverman, PhD



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Nick Silverman is a Research Scientist with the Montana Climate Office at the University of Montana. His research focuses on identifying hydroclimatic trends in mountainous landscapes. Nick received his PhD in 2014 from the University of Montana in Regional Hydroclimatology. He is the lead author of the climate analysis for the 2017 Montana Climate Assessment and is on the science team of the Sage Grouse Initiative where his focus is on evaluating the efficacy of rangeland restoration across the Western United States.

Ecological Drought Framework –

Aaron Ramirez, PhD



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Aaron Ramirez is a Postdoctoral Associate with the National Center for Ecological Analysis & Synthesis, where he is part of the Science for Nature and People Partnership (SNAPP) Ecological Drought Working Group. Aaron’s research focuses broadly on the physiological, ecological, and social mechanisms that drive impacts of drought and fire on woody plant communities. He is also involved in the co-production of actionable science to inform natural resource management and conservation outcomes in the Upper Missouri Headwaters region of Montana and the Pacific Northwest.

ADAPTATION EXAMPLES

Adaption workbook for non-forested landscapes – what to do to improve drought resilience? –

Hailey Wilmer



USDA Northern Plains Climate Hub
 Fellow
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Hailey is a social rangeland scientist studying the intersection of cultural and ecological systems and adaptive rangeland management. Originally from Montana, she earned her Ph.D. from Colorado State

University in Rangeland Ecosystem Science in 2016. As the Northern Plains [Climate Hub Fellow](#), Hailey works with ARS researchers and across USDA agencies and agriculture stakeholder groups on research that supports adaptive management in drought and extreme weather events. Hailey’s research methods include qualitative (interviews, focus groups) and quantitative ecological monitoring that document the decision-making processes of family ranches in Colorado and Wyoming.

Overview of drought adaptation strategies for key resources – Jessica Halofsky



Research Ecologist
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 Sciences
 University of Washington
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Jessica Halofsky is a research ecologist with the University of Washington and is affiliated with Forest Service Pacific Northwest Research Station. Jessica received an M.S. in Forestry from Penn State, and a Ph.D. in Forest Science from Oregon State University. Her research interests include fire and disturbance ecology, vegetation dynamics, and climate change (ecosystem impacts and adaptation). Jessica pioneered one of the first climate change vulnerability assessment and adaptation projects with Olympic National Forest and Park. She is currently working on climate change science and adaptation projects across the western U.S.

Missouri Headwaters Drought Resilience Demonstration Project –

Ann Schwend and Tina Laidlaw



Ann Schwend
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 Planner
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Ann holds a Bachelor’s degree in Plant and Soil Sciences and a Master’s in Land Resources and Environmental Sciences from Montana State University. She has spent many years as a Plant Scientist, Watershed Coordinator, Conservation District supervisor, natural resource and land use planner. Since 2008 she has worked as the DNRC Water Resources Planner in the Upper Missouri Basin and is currently leading the state’s efforts to build drought resilience in the Missouri Headwaters as part of the National Drought Resilience Partnership Demonstration Project. She is devoted to working at the community level

to bring science and people together to solve natural resource issues and hopes to expand upon the lessons learned in the Missouri Headwaters Basin to improve drought planning and community resilience throughout Montana.



Tina Laidlaw

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Tina Laidlaw received her B.A. from Davidson College, North Carolina and a Master’s of Science from the University of Georgia. Prior to joining EPA, she worked for Alabama Water Watch and the Colorado River Watch volunteer monitoring programs. Tina began her EPA career in Denver, Colorado, in 1999. Her primary duties included providing technical support to states, tribes and volunteer groups on monitoring and assessment issues. In 2002, she moved to the EPA Office in Helena, Montana and joined EPA’s water quality standards program. Currently, she serves as the EPA Region 8 Nutrient Coordinator and continues to oversee state and tribal monitoring programs. In 2014, she assigned to be the EPA staff lead working on the Montana drought demonstration project, working with DNRC. Her understanding of what is involved in “drought planning and water management” has increased tremendously since the inception of the project.

KEYNOTE SPEAKER

Economic & Social Aspects of Water in Montana –
John E. Tubbs



Director
Montana Department of
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Conservation
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A native of Helena, Montana, John is currently serving his second appointment by Governor Steve Bullock as Director of the Montana Department of Natural Resources and Conservation (DNRC). His first appointment was in January 2013. Prior to his appointment at DNRC, John served as the Deputy Assistant Secretary for Water and Science at the Department of the Interior from June 2009 through December 2012. John started his career for the State of Montana in 1985 and worked for 25 years in both policy and financial programs at DNRC before leaving to D.C. John holds an M.A. in Economics and B.S. in Forestry, both from the University of Montana.

WEDNESDAY MARCH 15

SESSION 2: VULNERABILITIES OVERVIEW / MANAGEMENT AND COLLABORATION

FOREST SYSTEMS – SCIENCE PANEL

The drivers of drought and fire in northern Rocky Mountain forests: interactions of vegetation, climate, and disturbance – Bob Keane



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Robert E. Keane has been a Research Ecologist with the USDA Forest Service, Rocky Mountain Research Station at the Missoula Fire Sciences Laboratory since 1994. His most recent research includes 1) developing ecological computer simulation models for the exploring landscape, fire, and climate dynamics, 2) conducting basic research in wildland fuel science, and 3) investigating the ecology and restoration of whitebark pine. He received his B.S. degree in forest engineering from the University of Maine, Orono; his M.S. degree in forest ecology from the University of Montana, Missoula; and his Ph.D. degree in forest ecology from the University of Idaho, Moscow.

A century of drought-related mountain pine beetle disturbance throughout Northern Region forests from 1915-2016 – Joel Egan



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I work as a forest entomologist with the Forest Health Protection group based in Missoula, Montana to provide technical information, outbreak monitoring, trainings, educational outreach, research collaboration, and administrative studies to support management activities to reduce undesirable impacts of insect disturbances and increase resilience to forest communities. I have been in the field of forest entomology for thirteen years within varied ecosystems throughout Colorado, California, South

Dakota, New Mexico, and Montana. Overall, I've earned a Bachelor's of Science degree in Forestry with a Wildland Fire Science concentration and a Master's of Science Degree in Forest Entomology at Colorado State University. I joined the U.S. Forest Service after completing graduate school and enjoy this career immensely. Work for the agency has revolved around interacting forest disturbances and management-based ecology. My primary emphasis areas include studying the spatial dynamics of bark beetle populations, interactions between bark beetles and wildfires, and silvicultural strategies to reduce pest impacts.

Whitebark pine: implications of drought and a high-mountain ecosystem - Michael Murray



Forest Pathologist BC Ministry of Forests, Lands, and Natural Resource Operations
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Michael Murray is a Forest Pathologist for BC Ministry of Forests, Lands and Natural Resource Operations based in Nelson. He's worked for Crater Lake, Redwood, and Wrangel-St. Elias National Parks. Michael has completed whitebark pine research projects in four States and one Province. He currently serves on the Board of the Canadian Whitebark Pine Ecosystem Foundation.

FOREST SYSTEMS – MANAGEMENT & COLLABORATION

Confederated Salish Kootenai Tribes Drought Plan – Mike Durglo, Jr.



Mike Durglo, Jr.
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 Climate Change Planning Coordinator
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Mike has worked for the Tribes for over 30 years in different capacities including Wildlife Conservation Officer, Tribal Councilman, Wetland Conservation Coordinator, and Regulatory Specialist. Mike Durglo received his BS in Environmental Science from Salish Kootenai College in 2002. He currently serves as the Chairman on the EPA Region 8 Tribal Operations Committee and is the EPA

Region 8 representative on the National Tribal Science Council. In July of 2016 Mike received the "Whitehouse Champion for Change in Climate Equity" award. Mike also serves on the Climate and Traditional Knowledge's Workgroup (CTKW) that was formed from the Department of Interior's Advisory Committee on Climate Change and Natural Resource Science. This workgroup developed a framework to increase understanding of issues relating to access and protection of TKs in climate initiatives and interactions between holders of TKs and non-tribal partners. This framework is called "Guidelines for Considering Traditional Knowledges in Climate Change Initiatives".

Assessing limber pine condition along the Rocky Mountain Front: a multi-agency approach –

Dave Hanna, Amy Gannon, and Tanya E. Murphy

Dave Hanna

Crown of the Continent Program Director
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Dave Hanna has worked for The Nature Conservancy in Montana since 1992. His work has included conservation planning and research, land management and protection, and cooperative partnerships. He currently serves as the Crown of the Continent Director for The Nature Conservancy.



Amy Gannon

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Amy Gannon is an entomologist and Forest Pest Management Program coordinator for the Montana Department of Natural Resources and Conservation. She received her Master of Entomology at Michigan State University with a concentration in forestry. Her current position involves examination of insects and diseases on a small, diagnostic level but also affords a landscape-scale view of forest disturbances and change. Working with a diverse clientele, she aims to draw a connection between the organisms at play and the landowner or resource manager's particular objectives. She currently serves on the MT Invasive Species Advisory Council and represents the Intermountain West on the USFS Forest Health Monitoring management team.



Tanya E. Murphy
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Tanya Murphy is currently Forest Silviculturist for the Helena-Lewis and Clark National Forest. She graduated with a Bachelor of Science in Forest Resources Management from the University of Montana in 1993 and a Master of Science in Forest Resources Management - Silviculture from the University of Idaho in 1996. Tanya worked seasonally for the Colville and Boise National Forests and began her professional career on the Caribou-Targhee National Forest in 1996. After a brief time on the Cibola in New Mexico, Tanya returned to her home state of Montana to work for the Helena-Lewis and Clark. The Forest is active in whitebark pine restoration and tree improvement and has begun to highlight limber pine management in current vegetation management projects.

went to the GOOD school in Montana in Bozeman and received a degree in Range Management. I worked for the



Forest Service in the summers while I was at college. After graduation I landed my first job with the NRCS. When compared to the work I was doing with the Forest Service, the NRCS was an awesome agency and I am still passionate with what we can do. I got married after college and have three wonderful children. My oldest, Erika, is an RN and is

engaged to be married this summer. Madison, my middle child, is a freshman in highschool. I hope I survive. She is very active in all sports and recently got her learners permit. My youngest, Jace, is a sixth grader. He loves to hunt and fish and also participates in every sport. My husband is a elementary principal and loves to hunt and fish. We spend lots of time outdoors in the summer and spend a majority of our time in a gym in the winter. I love to ride horses, garden, fish, and waterski. My first NRCS job was as a soil con. in Miles City, Mt. I was there for two years and then moved to Sheridan, Mt. in the same position. After about a year, I became the District Conservationist for that office where I remained for 11 more years. I learned a great deal being a young supervisor. Some lessons the hard way. I loved my job and the people. I currently am an Area Resource Conservationist in the Great Falls Area where I provide assistance to 17 field offices. I am very passionate about soil health and love to push that agenda whenever I have a chance to.

RANGE & AGRICULTURE – SCIENCE PANEL

Impact of drought on rangeland vegetation and agricultural resources - Matt Reeves



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Matt Reeves is a Research Ecologist with the Rocky Mountain Research Station in Missoula, where he specializes in applying remote sensing and modeling to characterizing ecological dynamics of rangelands. His research follows four basic themes including climate change, vegetation and fuel dynamics, anthropogenic disturbance, and decision support tools, such as digital state & transition simulation models, for improving management efficacy.

Hydrology of the Teton River- water management in an over appropriated river basin – Aaron Fiaschetti



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Aaron Fiaschetti works as a hydrologist for the DNRC in Helena. He works on a variety to water resource issues throughout Montana. Previously, he worked in the private sector as an environmental consultant remediating ground water pollution.

Soil Health – Key to Drought Resilience –

Marni Thompson

Acting District Conservationist (Lewistown/Winnett)
 Natural Resources Conservatin Service

I grew up in Townsend, Mt. on a ranch. We raised irrigated hay and registered Gelbvieh cattle. I loved the ranch and would probably be there if we hadn't of sold it in 1992. I

RANGE & AGRICULTURE – MANAGEMENT & COLLABORATION

Drought Management - Leveraging Existing Water Management Infrastructure in the South Saskatchewan River Basin – Rick Friedl



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 Alberta Environment and Parks
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Rick Friedl is the Director of the North/Central/Bow Infrastructure Operations group for Alberta Environment and Parks. His group is responsible for the operations and maintenance of provincially owned water management projects valued at over 3 billion dollars' and operated and maintained by staff located in 7 different centres across the province. This infrastructure includes weirs, diversion structures, canals and pump houses all the way up to extreme consequence dams located in 8 major river basins in Alberta. Rick has been with the department of Environment for over 30 years with a focus on water management infrastructure and all aspects of dam operations, maintenance and surveillance. Most recently his work has focused on developing new off-stream flood mitigation projects as well as leveraging existing water management infrastructure, by modifying their operational plans, to mitigate for the effects of both drought and flood.

Drought and Range Management on Alberta Rangelands – Amanda J. Miller



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 Alberta Environment and Parks
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I am a range specialist with the Government of Alberta. Originally from British Columbia I did a master's degree in Rangeland and Wildlife Resources at the University of Alberta, and have been working for the province ever since then. I'm a supporter of sustainable beef and cattle as a conservation tool. In my free time you can find me exploring the mountains on foot, by horseback, mountain bike, or skis.

Green Fields Irrigation District & Water Management on the Sun River – Erling Juel



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Erling A. Juel, P.E. is a native Montanan and has lived north of Great Falls since 1991. Erling is a professional engineer licensed in 5 western states. His area of practice is geotechnical engineering and water resources. Mr. Juel is the current Manager for the Greenfields Irrigation District in Fairfield and has held that position since 2015. Prior to that, he worked for TD&H Engineering for over 20 years where he was an owner and principal. TD&H is a full-service civil engineering firm with offices in WA, ID, ND, UT, PA and throughout MT with its corporate headquarters in Great Falls. While at TD&H, Erling worked as a design engineer and project manager and developed the Geotechnical Division. Later he become the COO and finished his last 5 years as the CEO/President before retiring in 2015. His initial degree is from MSU and holds advanced degrees from UAF.

Agriculture Resource Management Plan – Loren BirdRattler



Project Manager
 Agriculture Resource Management Plan
 Blackfeet Tribe
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Loren BirdRattler was hired by the Blackfeet Tribe in June of 2016 to oversee the development of the Agriculture Resource Management Plan, a plan that will create policy in agriculture resource, land, conservation, holistic practice and water resource management, as well as agriculture and livestock regulation for both the Blackfeet Tribe and the United States governments. Loren has more than fifteen years of public and private sector experience in organizational development, strategic planning, policy development and civic engagement. He is a former National Field Director for the Native Vote Initiative for the National Congress of American Indians in Washington, DC, as well as the inaugural Executive Director for two non-profits, Western Native Voice and Montana Native Vote both based in Billings, MT. He was also a program manager for the United States Department of Defenses' Native American Lands Environmental Mitigation Program based in Arlington, VA for Keres Consulting. Loren has lectured on a myriad of topics for Montana State University in

Billings and Bozeman, The Blackfeet Community College in Browning, The Columbia Union College in Washington, DC and finally for the Kennedy School of Government and the Carr Center for Human Rights Policy at Harvard University. Loren has presented at many conferences including the Montana Weed Control Association and the Crown of the Continent Conferences this year. Loren received the Presidents Medal for Social Embeddedness from Arizona State University's Sandra Day O'Connor School of law for his work in Native American election protection in 2008. Loren grew up on his family's ranch forty miles south of Browning on the Blackfeet Reservation.

THURSDAY MARCH 16

SESSION 2: VULNERABILITIES OVERVIEW / MANAGEMENT AND COLLABORATION

RIPARIAN – SCIENCE PANEL

Understanding the vulnerability of aquatic ecosystems to drought in the Northern Rockies: implications for enhancing resilience and adaptation – Clint Muhlfeld



Research Aquatic Ecologist & Associate Professor
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Dr. Clint Muhlfeld is a Research Aquatic Ecologist at the USGS Northern Rocky Mountain Science Center (NOROCK) in Glacier National Park and Research Associate Research Professor at The University of Montana, Flathead Lake Biological Station. Clint conducts multidisciplinary ecological studies on a variety of regional, national, and international aquatic resource issues that are of growing importance to science, conservation, and society. His research goal is to understand how aquatic species interact with physical and biological templates over space and time to advance science and to inform conservation and management. His applied research focuses on assessing how human stressors – invasive species, habitat modification, and climate change – influence native species and aquatic ecosystems of the northern Rocky Mountains, USA and Canada. Currently, Clint serves as the Ecosystems Representative on the USGS National Drought Team to develop a coordinated and integrated drought science strategy and implementation plan for the United States.

Fluvial Geomorphology, Floodplain connectivity – Karin Boyd



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Karin Boyd, P.G. is a registered professional geologist, with 29 years of experience in applied fluvial geomorphology. As a principal geomorphologist for Applied Geomorphology, Inc. (AGI), Karin specializes in the development of process-based strategies for aquatic resource management and restoration design. She has worked with the Yellowstone River Conservation District Council on the Yellowstone River Cumulative Effects Analysis since 2002, serving on the Technical Advisory Committee and contributing to the analysis of human influences on the river. Currently, Karin is serving as the lead geomorphologist on remediation/restoration design on 43 miles of the Upper Clark Fork River Operable Unit, which is part of the Milltown Reservoir/Clark Fork River Superfund Site. In June of 2013, Karin was awarded the Distinguished Alumna Award from the Department of Earth Sciences at the University of California at Santa Barbara. When not at work or play on some river she enjoys spending time at her family ranch on the Rocky Mountain Front west of Augusta, planting willows over and over.

Natural water storage solutions to drought – Nathan Korb



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Nathan Korb, Freshwater Director, The Nature Conservancy in Montana. Nathan leads the Montana chapter's innovative Freshwater Program aimed at accelerating the pace and scale of watershed protection, restoration, and community engagement. He works closely with local communities to develop and implement measurable water conservation outcomes that benefit nature and people. He has been working to restore watersheds for native fish in the Missouri Headwaters since 1999 when he started as an intern for the Conservancy in the Centennial Valley. After graduating from Montana State University with a degree in Soil and Water Sciences, Nathan researched the fire ecology of Douglas-fir forests in the Greater Yellowstone for his Master's degree at Colorado State University.

RIPARIAN – MANAGEMENT & COLLABORATION

Watershed Resiliency and Restoration Program – Andy Lamb



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Andy has been with Alberta Environment and Parks for a total of 30 years, including various positions primarily in water planning and management in Edmonton, and in regional offices in Edson and Red Deer. He was previously Director of the Central Region responsible for all regional operations of the department in Central Alberta. He has been involved in the flood recovery long term mitigation effort since the Southern Alberta floods occurred in June, 2013. He is currently the Director of Grant Programs, in the Resilience and Mitigation Branch of Environment and Parks and is located in Red Deer.

The Lost Art of Sub-Irrigation – Mike Briggs



Theodore Roosevelt
Memorial Ranch
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I am a native Montanan, born into a large ranching family in Southwest Montana. I have a dual Associates degree in Animal Science and Ag Business from BYU Idaho. Outside of a two year mission for The Church of Jesus Christ of Latter Day Saints in Southern Brazil, my whole life has been spent ranching. My family has been ranching in the West since the 1850's and I draw a lot of my knowledge and skills from this heritage. I am currently the manager of the Theodore Roosevelt Memorial Ranch in Dupuyer Montana. This ranch is owned by the Boone and Crockett Club, for the purpose of demonstrating that good ranching practices and good land stewardship is beneficial to wildlife habitat. My charge from the Club is to operate this as a financially viable ranch just like any other Montana family ranch. My wife Kadie and I have four children that work together with us in the day to day operations of land and livestock management

Putting Beavers to Work for Watershed Resiliency and Restoration – Danah Duke



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Danah has been the Executive Director of the Miistakis Institute for the past 15 years. The Miistakis Institute is a not for profit environmental research institute affiliated with Mount Royal University in Calgary Alberta. Miistakis scientifically investigates environmental challenges, analyzes policy implications, develops decision support tools, and catalyzes community conservation action to realize environmental benefits and outcomes. Her role as the ED of Miistakis puts Danah at the interface between academia, policy and decision-making and community conservation. Through her tenure at Miistakis, Danah has developed skills in various conservation related disciplines that include policy analysis, research design, wildlife management, transportation ecology, citizen science and ecosystem services. Her experience also includes non-profit management and governance, facilitation and collaboration and community engagement. Danah holds M.Sc. in Environmental Biology and Ecology at the University of Alberta and a B.Sc. in Biology from McMaster University.

WRAPPING UP

Closing Remarks and Acknowledgments – Ian W. Dyson



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Ian is a geographer and planner with 35 years of experience dealing with integrated resource management, water resources, protected areas, land use, and regional cumulative effects management systems in Alberta, Canada. He is a senior manager responsible for transboundary outcomes with Alberta Environment and Parks. His career experiences have focused on building and sustaining partnership approaches to environmental management, conceiving management systems approaches to address environmental cumulative effects, and facilitating institutional and societal capacity to define and meet common, place-based environmental outcomes across boundaries and borders.

ORGANIZERS AND MODERATORS

(not previously listed above)



Eric Macknak
Projects Coordinator

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Eric Macknak currently works within Alberta Environment and Parks Watershed Resilience and Mitigation Branch, as part of the team delivering the Watershed Resiliency and Restoration Program (WRRP). His work with WRRP is aimed at increasing the resiliency of Alberta’s communities by improving the natural ability of watersheds to mitigate the impacts of flood and drought events. This is achieved through partnerships in implementing projects supporting conservation, restoration and stewardship activities, and providing information and tools to support decision makers throughout the province.



Sasha Harriot
Crown Managers Partnership Secretariat
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Sasha Harriott, B.Sc.
Sasha is the secretariat for the Crown Managers Partnership and has been working with the CMP for almost 7 years. She resides in the wonderful Crowsnest Pass, Alberta where in her spare time; she enjoys trail running, fishing and chasing her four beautiful children through the mountains.



Linh Hoang
Regional Inventory, Monitoring, Assessment, and Climate Change Coordinator
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Linh Hoang – Regional Inventory, Monitoring, Assessment and Climate Change Coordinator (USDA Forest Service, Region 1). She has over 15 years of experience in resource management with the Forest Service. She began her federal service as a volunteer botanist on the Umatilla NF and continued her service as a botanist and weed specialist on the Umpqua NF in the southern Oregon, the Cleveland NF in southern California, and on the Flathead NF in the northwest Montana. In 2008, Linh traded in her field boots to serve in the Northern Regional office as a NEPA, Appeals, and Litigation Specialist where she developed NEPA efficiency processes, guidance for NEPA analysis for management indicator species, and worked with the Office of General Council and resource specialist across the region to improve NEPA analysis. Linh began her current position in 2013 with an immediate focus on developing approaches to assist managers integrate climate change implications in management operations, developing a regional broad scale monitoring strategy with an emphasis on how evaluation of monitoring information could inform management at varying scales, and providing guidance for forest and grasslands to develop new or transition their current plan level monitoring program for consistency with the 2012 National Forest System land management planning rule. She received her B.S. in biology (emphasis in botany) from the University of California at Santa Barbara and her M.S. in biology (emphasis in botany) from Arkansas State University.