Uncommon Dialogue on Commercial Outfitting and the Wilderness Act
Participant Bios

James D. Absher (Jim) is a Research Social Scientist with the Forest Service’s Pacific Southwest Research Station (PSW) in Riverside, CA. He holds degrees from Stanford (’70, ’71), San Jose State (’74) and California-Berkeley (’79). Professionally he has held faculty positions at major universities (Illinois, Georgia, and South Australia covering ’78 – ’95). He has been in his present position with the Forest Service for over 17 years (’95 – present).

He began his 40+ year research career studying recreation use and impacts, especially focusing on social carrying capacity in the High Sierra. His current research is funded by PSW’s Urban Ecosystems and Social Dynamics Program and is focused on a limited set of public land management issues: (1) recreation use and program delivery (e.g., social carrying capacity, customer service measures, special use permits, recreation fees, and user perceptions and preferences), (2) serving diverse populations (cultural diversity measures, cross-group comparisons), (3) local community ties (volunteerism, volunteer management capacity, partnerships), and (4) mitigation of wildland fire losses (support for agency fire programs and policies, effectuating homeowner compliance with firewise behaviors in the wildland-urban interface).

“In all my work I seek out and apply relevant social science theories and findings (mostly based in sociology and social psychology) to achieve a better understanding of, or some demonstrable improvements to, our public land opportunities, program delivery and administrative processes.”

Lisa Acree has worked as a resource manager and planner for the National Park Service for over 20 years. Spanning the fields of natural resource management and environmental decision-making, Lisa addresses issues of stock use and meadow integrity as integrated with the legislation and policy that guides the National Park Service, such as the Wild and Scenic Rivers Act and NEPA.’

Anne Dubinsky Altman is the Commercial Services Program Manager for the National Park Service’s Pacific West Region, which encompasses the states of Washington, Oregon, California, Nevada, and Pacific Islands. Services provided by concessioners in the Pacific West include lodging, food service, marinas, horseback riding, retail, ferry transportation, and guided mountaineering. These contracts gross approximately $250 million in revenue for the operators, and return approximately $8 million in franchise fees to parks. The Commercial Services Program also oversees the region’s Commercial Use Authorization program, which consists of a multitude of 1-2 year permits for smaller commercial users of parks, many whom are outfitters and guides leading trips into wilderness.

Anne holds a B.S. in Earth Systems from Stanford University and a M.B.A. from the University of California at Davis. Anne and her husband own a brewpub in Fairfax, CA and are the proud parents of two small boys.
Brian Anderson was born in Chicago, Illinois, and raised in Denver, Colorado. He graduated from Colorado State University in 1979 with a degree in wildlife biology. In 1982, he relocated to Anchorage, Alaska, and the next year began working for the U.S. Fish and Wildlife Service. Over the following 29 years, he worked with various Service programs including Ecological Services, Endangered Species, and finally, the National Wildlife Refuge System. He currently is serving in the Anchorage Regional Office as the regional wilderness coordinator (since 2002) providing policy guidance to 10 refuges administering 18.5 million acres of wilderness. He’s also responsible for coordinating the refuge special use permit program for all Alaska refuges.

Nicole Ardoin holds a joint appointment with the School of Education and the Woods Institute for the Environment at Stanford University. A unifying theme across Professor Ardoin’s work is an interest in environmental education as an opportunity to engage communities in productive, critical dialogue about sustainability to build resiliency, trust, and adaptability in light of changing environmental conditions. To this end, Dr. Ardoin’s current research includes studies on environmental and stewardship behavior as well as program evaluation in informal settings including museums and parks and with after-school programs; the use of social strategies by non-governmental organizations to engage individuals and communities in decision-making related to natural resource management; leadership and training programs in natural resources and conservation; and the impact of “green” buildings and the built environment on environmental attitudes, knowledge, and behaviors.

Liz Ballinger has worked in various capacities for the National Park Service since 1997 at parks including Big Bend, Acadia, Death Valley, Sequoia/Kings Canyon, Pinnacles, Arches, and Canyonlands. Since 2008, Liz has worked as a biologist at Yosemite National Park studying the effects of pack stock use on wilderness meadows, collecting and synthesizing data that will be used to inform pack stock management at Yosemite. She has a Bachelor of Arts in Biology from College of Wooster 1993, and a Master of Science in Ecology from University of Michigan, 1997

Adam Barnett is the Wilderness Manager for the Stanislaus National Forest in northern California. He is responsible for stewardship of the Emigrant Wilderness and portions of the Carson-Iceberg and Mokelumne wildernesses. Mr. Barnett has ten years of cumulative experience in public lands management with the US Forest Service and the National Park Service. He is the regional representative to the Forest Service Wilderness Advisory Group and just completed a two-year term as Chair. Mr. Barnett holds an MS in natural resource social science from the University of Idaho and a BA in political science from Vassar College.
Lisa T. Belenky is a Senior Attorney at the Center for Biological Diversity. Her work focuses on the protection of rare and endangered species and their habitats under state and federal law on public lands throughout California and the southwest. Over the past 5 years her work in the Sierra Nevada has included participation in the administrative process and litigation on individual projects and planning efforts for a range of projects such as changes to management indicator species in the Sierra Nevada Forest Plan Amendment, travel management planning on several Sierra Nevada forests, water quality planning on forests throughout the state, and off-road events.

Ms. Belenky received her J.D. from the University of California, Boalt Hall School of Law and her B.A. in philosophy from University of California at Santa Cruz. Her publications include: Belenky, Lisa T., Cradle to Border: U.S. Hazardous Waste Export Regulations and International Law, 17 Berkeley J. Int'l L. 95 (1999). Contact Information: lbelenky@biologicaldiversity.org, 415-632-5307

Eric Berlow has a PhD in Ecology and 15 years of experience working in and studying meadow ecosystems of the Sierra Nevada. He was recently the founding director the University of California’s first environmental science field station in Yosemite National Park, and is now an Ecologist with the US Geologic Survey. Berlow is internationally recognized for his highly cited publications in Nature, Science, and the Proceedings of the National Academy of Science. A 2012 TED Senior Fellow, Berlow applies ecological network theory more broadly to uncover leverage points in complex problems. Recent clients include Royal Dutch Shell, Intel, and the Skoll Global Threats Fund. His short TED talk on complexity has been viewed over 435,000 times.

Carol Boggs is Professor of Biology, Bing Director of the Program in Human Biology and an affiliated faculty member of the Woods Institute for the Environment at Stanford University. Dr. Boggs' research uses butterflies to understand how environmental variation affects reproduction, survival, population size and species interactions over ecological and evolutionary time. The aim is to better understand the effects of both natural and anthropogenic environmental changes. Her teaching currently includes the core course on ecology and evolution in the Program in Human Biology, and an upper division course in conservation biology. She also participates in the Earth Systems Program and IPER.

Dr. Boggs has served on the advisory boards of several environmental and educational organizations, including the Board of Trustees of the Rocky Mountain Biological Laboratory in Colorado, of which she is twice past-President. Her professional service includes the editorial boards of Evolution, Ecological Applications, Functional Ecology and the Journal of Insect Conservation. She is a Fellow of the California Academy of Sciences and of the American Association for the Advancement of Science.

Christina Boston currently serves as the Wilderness and Wild and Scenic Rivers Program Leader for the Pacific Southwest Region of the US Forest Service, providing program area expertise and advice to agency leadership and national forest staff and working closely with partners in support of the management and stewardship of California's nearly 5 million acres of wilderness (64 wildernesses) and 21 wild and...
scenic rivers managed by the US Forest Service. Christina began working with the US Forest Service in 2001 and prior to her current position served as a Wilderness and Wild and Scenic Rivers Program Specialist in the National Headquarters of the U.S. Forest Service in Washington, DC. She has also served as a Wilderness Program Manager for the Superior National Forest’s Boundary Waters Canoe Area Wilderness for five years and as an assistant district ranger on the Stanislaus National Forest’s Groveland Ranger District with responsibilities for portions of the Emigrant Wilderness and the Tuolumne Wild and Scenic River. She began working in parks and recreation at age 16 assisting with municipal summer playground programs throughout high school and college summers. Following college, she worked in several park ranger positions including managing regional open space parks in the San Francisco Bay Area, doing environmental education with students for the Bureau of Land Management in Anchorage, Alaska, assisting visitors at Grand Canyon National Park, and seven wonderful years in Yosemite National Park including five years with the Yosemite Wilderness program. Christina earned a B.A. in Geography with a minor in International Relations and an emphasis in Public Relations from Humboldt State University in 1989 and has completed two years of graduate level education at Colorado State University in the National Resources Recreation and Tourism M.S. program with an emphasis in Wilderness and Protected Areas Management.

Steve Brougher is a native of the San Francisco Bay Area, received a B.S. degree in Wildlife Management from Humboldt State University in 1975 and did further study there in botany in 1983. Steve worked on the Stanislaus National Forest as a seasonal wilderness ranger in the Emigrant Wilderness from 1975-77, as a wildlife biologist from 1980-85 and finally as a wilderness supervisor in the Emigrant and Carson-Iceberg Wildernesses from 1985 until he left the Forest Service in 1997. That background has given him extensive experience with the management of commercial outfitting and the controversies surrounding it. He currently lives in Sonora, California, and remains active in wilderness issues as a leader with the Central Sierra chapter of Wilderness Watch.

Dr. Robert Burns, Associate Professor, West Virginia University has 15 of research experience in public lands social science and in working with public land managers. Burns has conducted research focused on many different aspects of visitor use monitoring in federal and state land and water-based settings. Most recently he has focused on understanding the role of social carrying capacity variables in relation to recreation use in federally designated Wilderness areas, as well as back country and front country settings. His team has collected and is currently analyzing over 10,000 individual responses to surveys at US Forest Service Wilderness areas, land and water-based settings and for activity-specific recreation activities. He serves as a Board Member of the National Association of Recreation Resource Planners and has served as Steering Committee Member for the Northeast Recreation Research Symposium for over ten years.

Jon Christensen is the Executive Director of The Bill Lane Center for the American West at Stanford University. Jon has been associated with the Center since its founding in 2002-2003, when he was a Knight Fellow at Stanford. Jon was an environmental journalist and science writer for 20 years before coming to Stanford. His work has appeared in The New York Times, Nature, High Country News, and many other newspapers, magazines, journals, and radio and television shows. Jon was a Steinbeck Fellow at San Jose State University in 2003-2004, before returning to Stanford to work on a Ph.D. in History.
He was a Distinguished Departmental Scholar for Academic Year 2008-2009, supported by a Mellon Foundation Dissertation Fellowship, and was honored with a Prize for Excellence in First-Time Teaching in 2005-2006. He teaches a course entitled "Climate Change in the West: A History of the Future" in the History Department and Earth Systems Program. His dissertation, "Critical Habitat," is a history of ideas, narratives, science, land use change, and practices of conservation surrounding the threatened Bay checkerspot butterfly. His broader research and teaching interests include environmental history, natural history and the history of biological and ecological sciences, climate change, conservation, western history, and the history and current changes in media, information technologies, and journalism.

David Cole is a Forest Service research scientist at the Aldo Leopold Wilderness Research Institute in Missoula, MT. He has degrees in geography from the University of California at Berkeley and the University of Oregon and has been conducting research in wilderness areas around the country for the past 35 years. He has coauthored three books, including Wildland Recreation, the first textbook on recreation ecology, and Soft Paths, the scientific foundation for the Leave No Trace program. He is also author of more than 200 articles and book chapters. Awards include “Scientist of the Year” from the National Park Service, the Natural Resource Achievement Award from the George Wright Society, the Theodore and Franklin Roosevelt Award for Excellence in Recreation and Park Research from the National Recreation and Park Association and the Annual Stewardship Award from the National Outdoor Leadership School.

Chris Colvin is currently a graduate student at the Yale University in the School of Forestry and Environmental Studies (MESc 2013), where he focuses on management and planning on public lands in the US, including wilderness areas (law, policy, social science, and design). Chris got his start on public land as an SCA intern working during an amazing summer in Yellowstone National Park. He has also worked in the Sierra Nevada--amphibian monitoring across several national forests, East Bay Municipal Utility District in fish and wildlife monitoring, at White Sands National Monument, and most recently, he was the Operations Manager for the Natural Capital Project, based at Stanford University. Chris has a bachelors degree in Integrative Biology from UC Berkeley. As Conference Director, he has assisted the Faculty Advisory Board in planning for this important meeting. Please let Chris know if you any questions during the conference or if you have any feedback for the conference organizers.

Michele Dauber is a law professor and a sociologist at Stanford University, where she is an award-winning teacher. Her work focuses on the formation of the modern American welfare state, and administrative law. She is the author of numerous articles and essays. Her forthcoming book, The Sympathetic State (Chicago Press 2012) is a history of federal disaster relief. She is currently working on an article on the legal and political history of the Wilderness Act, and the role played by commercial outfitters in its passage. Professor Dauber serves as a Special Advisor to the Superintendent at Yosemite National Park and directs a summer internship for Stanford Law students at Yosemite National Park, where she and her students assist park management with a variety of planning and compliance matters. She has also worked for the past several years as a seasonal ranger in the Yosemite Wilderness.
Tim Devine is a staff member of the National Park Service Wilderness Stewardship Division and the NPS Representative at the Arthur Carhart National Wilderness Training Center located in Missoula, Montana. Tim has over 25 years of NPS experience at a variety of wilderness parks including Shenandoah, Everglades, Big Cypress, Buffalo River, Mount Rainier, Olympic and Rocky Mountain. Tim coordinates and instructs various face-to-face and online wilderness stewardship training courses. Tim has recently led the revision of the NPS Director’s Order #41: Wilderness Preservation and Management and its associated Reference Manual #41. Tim is a recipient of the NPS Director’s Wilderness Management and Stewardship Award and the Jack Moomaw Award for “Excellence in the Art of Rangering.” At home, Tim enjoys being outside with his family, playing with the dogs and horses, camping, hiking and skiing in the wilderness.

Ed Dunlavey is 47 years old and originally from Clifton Park New York, a small suburban town in the northeastern New York. I started my National Park Service career at Acadia National Park in 1983 while attending the University of Maine. I worked seasonally for approximately 10 years before becoming permanent in 1992. I have worked in 11 National Parks, mostly in the western United States. I started work at Yosemite in 2008 and have worked as the Park’s Law Enforcement Specialist, Deputy Chief Ranger, and am currently assigned as the Wilderness Manager.

Gregg Fauth has been an employee of the National Park Service for over 32 years. He has served in a wide variety of positions with subsequent varied duties.

Gregg is currently the Wilderness Coordinator at Sequoia and Kings Canyon National Parks. This position entails working with a diverse group of individuals and organizations on issues of wilderness use, stewardship and planning. These groups include federal agencies such as the US Forest Service and branches of the US Military, as well as state, county and local governments. Non government entities interested in wilderness issues include private and commercial packstock users, hiker groups, other public land advocates, and the general public. Gregg’s role within the organization of the parks is to work with wilderness field managers to ensure that the park’s special wilderness resources and the public’s ability to enjoy them are preserved.

Gregg’s work experiences include: public education, resource management (natural and cultural), law enforcement, concessions management and fire protection. He has had the pleasure to work at several premier national parks, including Yellowstone, Crater Lake, and Yosemite.

Gregg is a graduate of the University of California at Davis with a B.S. in Environmental Planning and Management and a minor equivalent in History of the Western U.S.

Mark Fincher is the Wilderness Specialist for Yosemite National Park. He is responsible for ensuring Wilderness Act compliance in park planning efforts and other administrative activities. Areas of expertise include minimum requirement analysis, management of scientific activities, and management of commercial use in wilderness. He has worked in Wilderness Management in Yosemite for over twenty years.
Carrie Fox, a former soil scientist and lawyer, now has a private mediation and facilitation practice based in Portland, Oregon. She specializes in public policy work—usually large, complex, multi-party issues. She also mediate workplace disputes. She has taught a graduate-level class at Portland State University and gives workshops around the country on such topics as collaborative negotiation, humor in conflict resolution, and decision science.

What gives her pleasure and some measure of success in mediation is the notion that a conflict is its own separate creature, made up of all the force different people invest in it. As a mediator she wants to listen to that creature—which really means listening attentively and intelligently to all the people involved, and integrating what she hears. She is convinced that if she listens well it will tell her what it needs. Then she can design a structure that will let the conflict ‘thrive.’ Of course to her what it means for a conflict to thrive is that it leads the parties to create something more wonderful than they had ever imagined possible. And when that happens, the conflict disintegrates or morphs into something less difficult to deal with.

Peter Frost is an attorney with the Western Environmental Law Center in Eugene, Oregon. He litigates to preserve forests, wilderness, and wild and scenic rivers. He is a graduate of Stanford University and the University of Oregon School of Law.

Leigh Goldberg

As the former Access Director of the American Mountain Guides Association, Leigh Goldberg managed the public policy, advocacy and outreach initiatives for this national educational non-profit organization. Based out of Boulder, CO, Leigh collaborated with land managers to advocate for guided public access opportunities, public safety and resource conservation in key climbing and mountaineering venues across the U.S. She joined the AMGA in 2010 with a background in Marketing Strategy, Management Consulting and Public Relations. She recently accepted a position with the American Alpine Club as the new Conservation and Advocacy Director. Leigh earned her Bachelor of Arts degree in Sociology from Princeton University.

Barbara Goodyear is the Field Solicitor for the U.S. Department of the Interior Solicitor’s Office in San Francisco. The office provides legal advice to national parks in California, Nevada, Hawaii and the Pacific Trust territories and to fish and wildlife refuges in California. Barbara joined the office in 1992 and has specialized in environmental law and public land management. For the last dozen years, Barbara has been involved in litigation under the Wild and Scenic Rivers Act and the Wilderness Act involving issues of carrying capacity and commercial use. Barbara is also advising Yosemite National Park and Sequoia and Kings Canyon National Parks on several different planning processes that involve decisions about the type and level of commercial use in wilderness.
**Sylvia Haultain** is a plant ecologist at Sequoia and Kings Canyon National Parks where for the past 15 years, she has been responsible for implementing the stock use and meadow monitoring program. Prior to that she served as a field botanist, conducting surveys to characterize the distribution and abundance of vegetation throughout the two parks. She holds a M.S. in Ecology from the University of California at Davis, and a B.S. in Natural Resources from Humboldt State University.

**Kevin Hendricks** has been employed with the National Park Service for approximately 25 years, and is currently the Chief Park Ranger at Sequoia and Kings Canyon National Parks. He oversees and assists in the management of the parks’ 807,000 acres of designated wilderness (approximately 93 percent of the parks’ total acreage). A California native, he received a Bachelor’s degree from the University of California, Berkeley. He started his NPS career as a Volunteer at Yosemite NP, and followed that with a number of seasonal positions with the NPS and other organizations. His permanent duty stations include Fort Pulaski National Monument, Lake Mead National Recreation Area, and Olympic National Park just prior to coming to Sequoia and Kings Canyon. Kevin is currently co-chair on the NPS Wilderness Leadership Council.

**Mary Beth Hennessy** has worked in multiple positions with the USDA Forest Service in Colorado and California. She has a Bachelor’s from University of California, Santa Barbara and a Masters from the University of Montana, Missoula. Her master’s thesis examined the effectiveness of limiting use in wilderness areas (1990). As the wilderness planner and later Resource Staff Officer with the Inyo National Forest in eastern California she has been involved in various aspects of managing wilderness - from visitor use management, commercial uses, resource monitoring, livestock and packstock grazing management, species conservation and historic preservation. She is currently the Pacific Southwest Region Appeals and Litigation Manager.

**Jeff Holmquist** is an Associate Research Scientist at the White Mountain Research Station at the University of California, San Diego. His research group addresses questions concerning plant-animal interactions, landscape structure as a determinant of faunal movement and assemblage character, and the effects of anthropogenic and natural disturbance on ecological function. Much of his work emphasizes invertebrates, although he works with other taxa as questions dictate. He has used both experimental and observational approaches, and recent work has extended across several scales, ranging from patch boundary dynamics at the microhabitat level to experimental manipulations of rivers. This work has taken him to alpine meadows and streams, montane ponds, tropical seagrass meadows, and desert springs and playas.
Donald Kennedy is president emeritus of Stanford University, the Bing Professor of Environmental Science and Policy, emeritus, and an FSI senior fellow by courtesy. His research focuses on policy regarding trans-boundary environmental problems such as major land-use changes; economically-driven alterations in agricultural practice; global climate change; and the development of regulatory policies.

Kennedy joined the Stanford faculty in 1960 and was president of the university from 1980 to 1992. He was commissioner of the U.S. Food and Drug Administration from 1977 to 1979. Previously at Stanford, he was director of the Program in Human Biology (1973-1977), and chair of the Department of Biology (1964-1972).

Kennedy is a member of the National Academy of Sciences, the American Academy of Arts and Sciences, and the American Philosophical Society. He served on the National Commission for Public Service and the Carnegie Commission on Science, Technology and Government, and as a founding director of the Health Effects Institute. He currently serves as a director of the Carnegie Endowment for International Peace, and as co-chair of the National Academies' Project on Science, Technology and Law. He received AB and PhD degrees in biology from Harvard University.

Ann Charlton Lange was raised on Historic Rankin Ranch, Walker Basin, Kern County, California where her father was the cow boss for 25 years. The ranch is currently operated by the sixth generation of the Rankin Family. She and twin brother Andy were born on March 18, 1941. They were introduced to horses and mules at a very young age. By the time they were six years old, they regularly participated in ranching activities of gathering, sorting cattle, and branding calves.

Ann attended University of California, Davis, graduating in 1965. On September 4, 1965 she married veterinarian Detlev Lange, also a Davis graduate. They moved to the Kern River Valley located at the southern end of the Sierra Nevada range in 1967 and established Kern Valley Veterinary Clinic, still in operation after 46 years.

In the summer of 1981, on a three-week pack trip down the North Fork of the Kern River, Sequoia National Park, Ann and Doc had a chance encounter with Jim Harvey, stock packer for the park. Harvey informed them of the formation of a new stock user group, Backcountry Horsemen of California. He had no problem convincing them to join the organization. They have been members ever since.

Tracy Layfield is currently employed by EA Engineering, Science, and Technology, Inc. (EA) which is located near Baltimore, Maryland. She is an Environmental Scientist with 27 years of experience conducting environmental investigations, including environmental assessments and environmental impact statements. Her project work includes National Environmental Policy Act (NEPA) compliance planning at national parks, airports, and air national guard facilities; evaluation of benthic aquatic communities through EPA’s Rapid Bioassessment Protocols; and freshwater stream functional assessments. Additionally, she has functioned as a Public Relations Coordinator for many NEPA projects. Ms. Layfield has co-managed many projects for the NPS including highly controversial projects such as one EIS in support of a Dog Management Plan for the Golden Gate National Recreation Area and another EIS for the construction of a new transmission line at Delaware Water Gap National Recreation Area. She is currently working on a Programmatic EIS for NOAA for the restoration of the Gulf of Mexico due to the BP Deepwater Horizon oil spill. Her relevant work experience is related to the Wilderness Stewardship Plan/EIS for Sequoia and Kings Canyon National Parks (SEKI). EA was contracted by the NPS to prepare the WSP/EIS for SEKI and she is managing this effort. The WSP/EIS will identify and analyze a
range of alternatives for achieving wilderness stewardship objectives, which include providing appropriate types and levels of access for visitors and authorized users, protecting cultural and natural resources, and adhering to legally-mandated management and preservation requirements. The WSP/EIS will provide detailed guidance on a variety of issues including, but not limited to: day and overnight use; trail maintenance; use of campfires; wildlife and proper food storage; party size; camping and campsites; human waste management; stock use; meadow management; research activities; wilderness permitting; cultural resources in wilderness; and the “minimum requirement” for administration of the areas as Wilderness. Also to be analyzed and determined is the extent to which commercial services are necessary to fulfill the recreational and other wilderness purposes of SEKI’s designated wilderness areas. This “extent necessary” determination for commercial services will be performed to ensure compliance with Section 4(d)(5) of the Wilderness Act.

**Steven Loheide** is an Assistant Professor in the Department of Civil and Environmental Engineering at the University of Wisconsin – Madison. He received his BS in Environmental Chemistry and Geology from the University of Northern Iowa (1999), his MS in Geology from Indiana University (2001), and his PhD in Hydrogeology from Stanford University (2006). Loheide’s research focuses on the interactions between ecological and hydrological processes in natural and built systems. His approaches use a combination of field data, remote sensing, and numerical modeling to understand the feedbacks between vegetation patterning, vegetative water use, soil moisture availability, groundwater regimes, and stream-aquifer interactions. This work is focused on improving the scientific basis for stream, floodplain, meadow, and wetland restoration efforts under current and future climatic conditions.

**Mark Marschall** started working in National Parks when he was 19 years old, pumping gas at a concession run service station in Yellowstone. After graduating from Ohio State University with a Bachelor of Science degree in Environmental Interpretation in 1976 he started his career with the National Park Service as a seasonal park ranger in Yellowstone. While working as a seasonal ranger he wrote a trail guide to Yellowstone, *Yellowstone Trails*, which he and his wife continue to update and revise. He eventually moved into a permanent position there and worked in a variety of positions in Yellowstone for the next 25 years with most of his time spent as a backcountry ranger. Much of his backcountry duties in Yellowstone involved working with commercial users, especially stock outfitters. In 2001 he transferred to Yosemite as the Wilderness Patrol Supervisor and immediately began to appreciate the mild Sierra climate and patrolling in areas without grizzly bears. In 2006 he served a short stint as the Wawona District Ranger and then moved to the Caribbean as the Chief Ranger of Virgin Islands National Park. When Mark’s dream job, the Wilderness Manager for Yosemite, opened up in 2008 he transferred back to the Sierra and has continued to work in Yosemite until his retirement in December 2011. He met his wife Joy in Yellowstone in 1998 and they were married in Yosemite in 2002. Joy works as a park ranger for Yosemite Search and Rescue.

**Linda Mazzu** is the Chief of Resources Management and Science at Yosemite National Park. Linda has over 28 years of service to the federal government. She began her career in the Sierra at Sequoia and Kings Canyon National Parks. There, she focused her research on the impact of packstock on alpine meadows. Her career has spanned several NPS units including Sequoia and Kings Canyon National Parks, Grand Canyon National Park and Washington DC. She also worked as a botanist/plant ecologist for the BLM, Forest Service and at the National Interagency Fire Center on multi-agency landscape partnerships and planning efforts. Linda most recently worked at Yellowstone National Park as the Chief of the Resources Compliance and Science Coordination branch in the Yellowstone Center for
Resources. Linda has a B.S. in Park and Recreation Management from the Pennsylvania State University, PA and a M.S. in Natural Resources from Humboldt State University, CA.

Kathleen Morse is currently the Division Chief for Planning in Yosemite National Park. In this capacity she is responsible for oversight of the Park's major planning efforts, including the Tuolumne and Merced Wild and Scenic River Plans and the Wilderness Stewardship Plan. Before joining the National Park Service, Kathleen served as a Forest Supervisor for the U.S. Forest Service, first working for the Allegheny National Forest in Pennsylvania and then the Lassen National Forest in northern California.

Prior to her Forest Supervisor appointments, Kathleen guided the revision of the Sierra Nevada Framework, a bioregional planning document that set management direction for eleven national forests in the Sierra Nevada Region of northern California. She was also instrumental in policy development in Alaska where she worked a total of ten years as Regional Economist for the Forest Service and Policy Analyst for the Alaska State Governor's Office. Kathleen has a Bachelor's Degree in Natural Resource Economics from Montana State and completed graduate education in Marine Affairs at the University of Washington. She enjoys mountaineering, backpacking and climbing, scuba diving, skiing, and adventure travel.

Don Neubacher began his appointment at Yosemite National Park on March 15, 2010. Prior to his appointment to Yosemite, Don was the Superintendent at Point Reyes National Seashore for 15 years. Don’s 30 year career in the National Park Service (NPS) also included appointments at Glacier Bay National Park, Denver Service Center, Golden Gate National Recreation Area and serving as the Deputy General Manager and Planning Director for the Presidio of San Francisco from January 1992 until February 1995. Formerly, Don was a lecturer at California’s Humboldt State University in northern California.

Don’s professional history includes interpretive, recreational, and park planning; exhibit design; park and land use management; and park partner/partnership development. During his career, he has developed expertise in strategic planning, partnerships, science-based management, and cooperative conservation. He served as the Co-Chair of the Natural Resource Challenge Council that was successful in generating $80 million in Congressional funding for enhancement of NPS resource management activities.

He has a B.S. degree in education in Environmental Planning and Management, from the University of California and a M.S. in Resource Management from Humboldt State University.

Don has been married to his wife Patty for 25 years. She also works for the National Park Service as the Deputy Director of the Pacific West Region in San Francisco.

Niki Stephanie Nicholas is the Superintendent of both the Big South Fork National River and Recreation Area and the Obed Wild and Scenic River. Prior to taking this National Park Service assignment she served as Chief of Resources Management and Science at Yosemite National Park for seven years. Before that Nicholas was Senior Manager for Environmental Impact Reduction Technologies with the Tennessee Valley Authority. She has a B.A. in biology from Northwestern University, a M.S. in ecology from the University of Tennessee, and a
Ph.D. in forestry from Virginia Polytechnic Institute and State University. Over the past twenty years Dr. Nicholas has worked on a number of forest health research projects looking at methods of evaluating multiple stressors of forest communities and evaluating predictive response models. Over the past seven years she has been studying user capacity issues related to natural and cultural resource management on public lands. Dr. Nicholas is on the adjunct faculty with the Utah State University’s Department of Forest Resources and is a member of the Ecological Society of America (ESA), Forest History Society, Society of American Foresters, and the George Wright Society. She has served the Chair for the ESA’s Southeastern Chapter, has been a Certified Senior Ecologist for ten years, and is currently serving as the Chair of the ESA Board of Professional Certification.

**George Nickas** is the executive director of Wilderness Watch, the only nationwide citizens organization dedicated solely to the protection and proper stewardship of America’s National Wilderness Preservation System. Wilderness Watch is based in Missoula, Montana, and has chapters in many regions, including two in the Sierras. George has been a public lands’ activist for more than 30 years. Since 1985 he has worked as a full-time activist, first for the Utah Wilderness Association, and for the past 15 years with Wilderness Watch, where he has been actively engaged in several lawsuits and dozens of administrative decisions involving commercial services in Wilderness. Some of his most memorable summers were spent as a whitewater river guide on the Green and Colorado Rivers, and as a volunteer wilderness ranger on the Tongass NF in Alaska. He is a graduate of Utah State University’s College of Natural Resources School of Forestry.

**Garry Oye** has 34 years of experience in public land management including assignments in the National Park Service and US Forest Service. He has worked in many positions including: NPS Chief of Wilderness Stewardship, White Mountain & Mount Whitney District Ranger, Pacific Southwest Region Wilderness Program Leader, and Mount Shasta District Recreation & Wilderness Manager. In his current position as Chief of Wilderness Stewardship, he oversees management of 44 million acres of Wilderness and 26 million acres of proposed Wilderness. He also has been active in providing International assistance to Protected Area managers around the globe. Most recently he was asked to speak at Europe’s Wilderness Conference in Parnu, Estonia and share US examples of citizen participation in Wilderness protection. In 1991 he received the Bob Marshall National Wilderness Champion Award for the US Forest Service. His other accomplishments include a key role in the development of the Forest Service’s Wilderness Recreation Strategy and the Chief’s National Wilderness Advisory Group, as well as providing regional leadership for the Pacific Crest National Scenic Trail and designated wilderness areas in California. He possesses BS & MS Degrees in Forestry, University of Montana.

**James 'Jim' Roche** is park hydrologist in Yosemite National Park where his responsibilities center on protection of water quality and hydrological processes that maintain water dependent ecosystems such as meadows, riparian areas, streams, lakes, and rivers. He possesses an M.S. in geology from the University of Washington and a B.S. in chemistry from Louisiana State University. He is currently pursuing a doctorate in hydrology at UC Merced. Jim has worked in Death Valley and Yellowstone National Parks and has been in Yosemite since 2004.
Jamie Rosen is Senior Counsel for the U.S. Department of Agriculture, Office of the General Counsel. His primary role is to provide legal advice to the Forest Service on natural resource issues. Jamie received his J.D. from Boalt Hall in 1998, an M.S. in Wildland Resource Science from U.C. Berkeley in 1998, and a B.A. from Dartmouth College in 1992. Before becoming an attorney, Jamie spent extensive time working in the backcountry, with positions including instructing mountaineering for the Colorado Outward Bound School and hooting for spotted owls for the National Park Service.

Chris Ryan is the Wilderness, Wild and Scenic Rivers and Outfitter Guide Program Leader for the Forest Service Northern Region. She has been in this position since July, 2001. Prior to this assignment, Chris was the Forest Service Representative for the Arthur Carhart National Wilderness Training Center where she had responsibilities for developing and delivering wilderness training for the Forest Service, National Park Service, Bureau of Land Management and Fish and Wildlife Service. Chris’s 30 year Forest Service career has focused on wilderness management in areas such as Alpine Lakes in Washington State and the Boundary Waters Canoe Area Wilderness in Minnesota.

Chris has a Bachelor’s Degree in Resource Geography from Central Washington University in Ellensburg, Washington.

Doug Scott, Manager of Policy and Research for the Campaign for America’s Wilderness, Pew Environment Group, is a leading expert on wilderness preservation in the United States. He has been involved in the congressional enactment of many major wilderness protection laws over the last 45 years, including the Eastern Wilderness Areas Act (1975), the Endangered American Wilderness Act (1978), the Alaska National Interest Lands Conservation Act (1980), and the most recent – the Omnibus Public Land Management Act (2009).

As a graduate forestry student at the University of Michigan, Doug served with Sen. Gaylord Nelson as a member of the organizing group the first Earth Day in 1970. Over his career, he helped shape conservation strategies at The Wilderness Society and the Sierra Club (where he served as national Conservation Director and Associate Executive Director).

Doug is the author of two books (for more detail, see: www.ourwilderne.org) – The Enduring Wilderness: Protecting Our Natural Heritage through the Wilderness Act (Fulcrum Books, 2004) and Our Wilderness: America’s Common Ground (Fulcrum Books, 2009), forward by Robert Redford.

Doug is featured as a spokesman about wilderness in the 2009 film Forever Wild (First Light Films, www.foreverwildfilm.com) narrated by Robert Redford. He speaks frequently across the country in support of grassroots organizations and coalitions working to preserve more wilderness areas, and at training events for wilderness managers.

In 1997 the Sierra Club presented Doug its highest honor, the John Muir Award.
**David Shilton** is an attorney in the Appellate Section of the Environmental and Natural Resources Division of the U.S. Department of Justice. In that capacity, he has litigated cases in the federal courts of appeals under all of the major federal natural resources and environmental statutes, including the Wilderness Act, National Environmental Policy Act, Endangered Species Act, National Forest Management Act, and Federal Land Policy Management Act.

**Jonathan Simon** is a Member at Van Ness Feldman. His practice focuses on representing clients before the courts, Congress, and federal agencies on a broad range of matters involving natural resources, public lands, and energy law.

Among other areas, Mr. Simon provides legal and strategic guidance and counsel with regard to the development of energy infrastructure projects. He assists clients throughout the process of obtaining and defending special use permits, right-of-way grants, and other use authorizations needed to construct natural gas pipelines and electric transmission facilities across federal and state lands. He currently is involved in representing clients on various projects, including the Alaska natural gas pipeline. In addition, Jon has represented clients on oil pipeline tariff and related matters arising under the Interstate Commerce Act.

Mr. Simon also works with entities that operate or are interested in operating visitor services — such as lodging, food services, boat tours, merchandising, transportation-related services, and outfitter and guide services — under concession contracts, permits, or commercial use authorizations in the National Park System. Success in these matters requires navigating highly specialized legal and strategic business issues and working in partnership with the National Park Service. Mr. Simon offers a wide range of experience in this area, including preparing, and providing strategic advice relating to, responses to prospectuses for new or renewed contracts; counseling on sales and transfers of concession contracts; legislative and administrative advocacy; leasehold surrender interest issues; and litigation.

In addition, Mr. Simon advises clients on compliance with the Honest Leadership and Open Government Act of 2007 and other laws and other authorities governing lobbying and political activity, including lobbying disclosure, campaign finance, and congressional gift and travel rules.

Prior to joining Van Ness Feldman, Mr. Simon served in various roles on the personal staff of United States Senator Frank R. Lautenberg (D-NJ). He received a B.A. in Economics from Cornell University in 1992 and a J.D. with honors in 1998 from the George Washington University Law School, where he served as Articles Editor of The George Washington Law Review.

**Deborah A. Sivas** is the Luke W. Cole Professor of Environmental Law and Director of the Environmental Law Clinic at Stanford University. She works on a variety of environmental and natural resources law and policy issues, with a focus on coastal and marine resources, endangered species, public lands, and water quality. The work with clinic students involves state and federal court litigation, administrative law practice before state and federal agencies, and policy and legislative drafting and analysis.
**Aimee Smith** was raised in the San Francisco Bay Area, California. Her father’s love of hunting and fishing and of being out-of-doors greatly influenced her interest in nature. In her spare time she enjoys visiting family and friends and reading. She received a BS in Rangeland Resource Science from Humboldt State University, also completing a year of undergraduate coursework at New Mexico State University, as a National Student Exchange Student during her junior year.

Aimee began her career path 20 years ago and has led her from seasonal firefighting jobs with CalFire, U.S. Fish and Wildlife Service (Malheur NWR) and the Forest Service to a federal career as a rangeland manager with the Forest Service. Aimee got her start as a District Rangeland Management Specialist in Paisley, Oregon while working on the Fremont National Forest and is currently the District Rangeland Management Specialist for the Bass Lake Ranger District of the Sierra National Forest in North Fork, California.

In addition to participating on numerous environmental assessment teams regarding livestock grazing and allotment management, Aimee’s professional experience includes compliance and effectiveness monitoring to determine if wilderness management objectives are being met. According to the Sierra National Forest, Aimee is a key leader in the implementation of wilderness management and monitoring strategies. She continues to champion the challenges outlined under a court injunctive relief by providing an annual framework for the range readiness, meadow assessments and wilderness monitoring activities associated with commercial pack stock in the John Muir and Ansel Adams Wildernesses.

**Charisse Sydoriak** is the Chief Division of Resources Management and Science, Sequoia and Kings Canyon National Parks. Charisse received two undergraduate degrees (Biology and Natural History) from the University of California, Santa Cruz in 1980. She began her career in Yosemite Valley as a student intern at the visitor center. She has 24 years of experience as a natural and cultural resource manager with the National Park Service and seven years of experience leading interdisciplinary science integration efforts in the Bureau of Land Management. Charisse has worked in Kings Canyon, Sequoia, and Yosemite national parks, in Lava Beds and Bandelier national monuments, and at the North Atlantic and Intermountain NPS regional offices. She joined the Sequoia and Kings Canyon Leadership Team in June 2008 where she is leading efforts to strategically prepare the park for an unprecedented future of uncertainty set in motion by climatic and other agents of change.

**Matthew Taylor** is the owner and operator of the Virginia Lakes Pack Outfit, located in the Humboldt-Toiyabe National Forest near the eastern boundary of Yosemite National Park. He started working as a professional mule packer in the Sierra Nevada in 1972 in Sequoia National Park. He has worked for several years in Yosemite National Park, the Ansel Adams Wilderness, the John Muir Wilderness, and the Hoover Wilderness. Matt holds a Bachelor of Science degree in Bioresource Sciences and a Master of Science degree in Engineering Science both from the University of California at Berkeley. Prior to purchasing the pack station at Virginia Lakes he and his graduate professor, Martin Graham, founded and ran Tut Systems, Inc., an electronics company that designed and manufactured high speed digital telecommunication systems.
Karen Taylor-Goodrich is Superintendent for Sequoia and Kings Canyon National Parks. Karen provides executive level oversight for two large national parks encompassing over 1400 square miles of ecologically diverse wilderness in the southern Sierra Nevada of California. She has over 30 years of NPS experience in a diverse range of assignments at Yosemite and Grand Canyon National Parks, Cumberland Island National Seashore, Lake Roosevelt National Recreation Area, National Capital Parks-East, and the NPS Headquarters Office in Washington, D.C. Karen has served as a field ranger, supervisory park ranger, division chief, deputy superintendent, and as an associate director in the Senior Executive Service. She holds a BS in Geography with graduate studies in natural resource management. International work includes assignments and projects in Mexico, Tanzania, Australia, Thailand, and Cambodia.

Barton "Buzz" Thompson Jr. is the Perry L. McCarty Director of the Stanford Woods Institute for the Environment, the Robert E. Paradise Professor of Natural Resources Law, the Faculty Director, Stanford Environmental and Natural Resources Law and Policy Program, a Senior Fellow at the Stanford Woods Institute for the Environment and a Senior Fellow, in the Freeman Spogli Institute at Stanford University.

Thompson, founding co-director of the Woods Institute, is a leading expert on environmental and natural resources law and policy. His current scholarship focuses on water policy, ecosystem services, climate adaptation, conservation tools, and market and other alternative approaches to environmental regulation. Thompson chairs the boards of the Resources Legacy Fund and Resources Legacy Fund Foundation, serves as a California trustee for The Nature Conservancy, and is a member of the boards of the American Farmland Trust and the Natural Heritage Institute. He also is a member of the Science Advisory Board of the U.S. Environmental Protection Agency, for which he chairs the committee on the valuation of ecological systems and services. The United States Supreme Court recently appointed him to be special master in Montana vs. Wyoming, a case dealing with the Yellowstone River water rights issues. He is the author of several books on water, the environment, and property.

Hilary Tompkins is the Solicitor of the U.S. Department of the Interior. As Solicitor, Tompkins is the chief general counsel for Interior and represents the Department in administrative and judicial litigation and meetings, negotiations and other contracts with Congress, federal agencies, states, tribes and the public.

Before becoming solicitor, Tompkins served as an adjunct professor at the University of New Mexico School of Law. From 2003 to 2008, she was chief counsel to New Mexico Governor Bill Richardson, whom she advised on legal and policy issues including legislation, judicial appointments, executive orders, constitutional authority, civil litigation, statutory interpretation, and intergovernmental affairs. She also managed the legal staff in the Governor’s office, supervised the general counsels in more than 20 state executive agencies, and advised the governor on Native American affairs.

Before joining Governor Richardson’s staff, Tompkins was an attorney with Sonoksy, Chambers Sachse, Endreson & Perry, a national law firm devoted to representing Native American interests. Prior to that, she served as a special assistant U.S. attorney in the Eastern District of New York.

During the Clinton administration, Tompkins served as an honors program trial lawyer in the Environment and Natural Resources Division of the U.S. Department of Justice where she handled civil prosecutions in environmental cases nationwide. She also served as a Special Assistant U.S. Attorney for the Eastern District of New York in Brooklyn, New York, where she was lead counsel for a number of civil lawsuits in federal court.
She also served as a law clerk for the Navajo Nation Supreme Court in Window Rock, Arizona. Before becoming a lawyer, Tompkins worked for the Navajo Nation Department of Justice as a tribal court advocate after passing the Navajo Nation bar exam.

Paul Turcke's practice emphasizes natural resource and public land law, local government law and general trial and appellate litigation. Mr. Turcke's recent efforts have focused on public lands recreation law, where he represents local, regional and national recreation organizations in management issues and litigation involving diverse sites including the Daniel Boone National Forest in Kentucky, Yellowstone National Park, Utah BLM lands, the Hells Canyon National Recreational Area and the California Desert Conservation Area. His clients in these matters include the BlueRibbon Coalition, the Montana and Idaho State Snowmobile Associations, the Utah Shared Access Alliance, the Colorado Off-Highway Vehicle Coalition, the United and California Associations of 4 Wheel Drive Clubs, the Recreational Aviation Foundation and numerous guides, outfitters, private property owners and local tourism businesses. His clients also include sporting conservation groups such as Safari Club International and Sportsmen for Fish & Wildlife, and livestock grazing permittees and organizations. Mr. Turcke's litigation activities have spanned thirteen different U.S. district courts and four circuit courts throughout the country, as well as the U.S. Supreme Court.

Mr. Turcke received his law degree cum laude from the University of Idaho in 1993. Following law school, Mr. Turcke clerked for Idaho Fourth Judicial District Judge Gerald F. Schroeder, Ada County, Idaho. Prior to joining Moore Smith Buxton & Turcke, he served as a Deputy Prosecuting Attorney in Bonner County, Idaho, and as a Deputy Public Defender in Kootenai County, Idaho. Mr. Turcke's personal interests include fresh- and saltwater fly fishing, hunting, photography, golf and vocal music.

James Turner is an assistant professor of Environmental Studies at Wellesley College, where he teaches a range of courses, from an introductory course on climate change to an upper-level course on U.S. environmental politics and policy. He is trained as an environmental historian, and his first book, *The Promise of Wilderness: American Environmental Politics since 1964*, will be published in May 2012. He has lived in the Boston area since 2006, but grew up in Roanoke, Virginia, not far from the George Washington and Jefferson National Forest. His interest in wilderness was sparked by the curious history of the Dolly Sods Wilderness Area (which harbors unexploded ordinance leftover from World War II training) in the Monongahela National Forest in West Virginia.

Jan W. van Wagendonk is Research Forester, Emeritus at the U. S. Geological Survey Western Ecological Research Center Yosemite Field Station.

Dr. van Wagendonk grew up in Indiana, where he began his study of forestry at Purdue University. Summer seasonal work as a smokejumper for the Forest Service and the Bureau of Land Management convinced him to finish his undergraduate work at Oregon State University, where he received his B.S. in Forest Management in 1963. After serving as an officer in the U.S. Army with the 101st Airborne Division and as an advisor to the Vietnamese army, he entered graduate school at the University of California, Berkeley. There Dr. van Wagendonk obtained his M.S. in Range Management in 1968 and his Ph.D. in Wildland Resource Science with a specialty in fire ecology in 1972. From 1972 through 1993 he was employed as a research scientist with the National Park Service at Yosemite National Park. From 1994 until he retired in 2008, Dr. van Wagendonk was employed as a research forester with the U.S. Geological Survey at Yosemite. His areas of research have included prescriptions
for burning in wildland ecosystems, recreational impacts in wilderness, the application of geographic information systems to resources management, and the role of fire in Sierra Nevada ecosystems.

Dr. van Wagendonk has written over 100 publications, including book chapters, peer reviewed journal articles, and technical reports; and he was a co-editor of the book *Fire in California’s Ecosystems*. He has received the National Park Service Director’s Award for Research in Natural resources in 1995, the Forest Service Chief Forester’s Excellence in Wilderness Stewardship Research Award in 2002, the Department of the Interior Meritorious Service Award in 2003, the George Melendez Wright Award from the George Wright Society in 2005, and the National Park Service Director’s Wilderness Stewardship Award in 2006. He was a member of the 1995 and 2001 Federal Fire Policy Review working groups, served on the California Spotted Owl Federal Advisory Committees and the Joint Fire Science Stakeholders Federal Advisory Committee, and was the USGS representative on the Joint Fire Science Program board of governors. He is a founding member of the Association for Fire Ecology, served as its president for three years, and served for five years as the editor for *Fire Ecology*, the journal of the Association. After retirement, Dr. van Wagendonk has continued to write about fire and wilderness in the Sierra Nevada.

Betsey Winter is Executive Director of the American Mountain Guides Association (AMGA) and is responsible for the successful leadership and management of this national non-profit organization that has been dedicated to supporting the professional guiding and climbing instructor community through excellence in education, standards, certification and advocacy for over 30 years. Betsy joined the organization in 2007 with a background in environmental education, interpretation, and outdoor recreation. She holds a degree from Western Washington University in Experiential Environmental Education, with continuing education in Executive Leadership from Stanford University’s Graduate School of Business. Betsy comes to the table with experience in a diversity of segments of the outdoor industry. She has worked for the United States Forest Service, Leave No Trace Center for Outdoor Ethics, and within the public and private school sectors, ski industry, and youth service field.