



2008 Forest Service *SUSTAINABLE OPERATIONS SUMMIT* Walking the Talk: Reducing our Environmental Footprint

November 18-20, 2008

Forest Products Laboratory, Madison, WI

PLENARY SESSION SPEAKERS

Welcome from Eastern Leadership

Chris Risbrudt, Director, Forest Products Laboratory

Since being named director of the USDA Forest Service's Forest Products Laboratory (FPL) in September, 2001, Dr. Christopher Risbrudt has focused the laboratory's attention on forest health and the wise use of wood and wood products. He has directed FPL's attention to five broad future-oriented areas:

- 1) Developing the forest biorefinery;
- 2) Nanotechnology;
- 3) Advanced housing systems and concepts;
- 4) Improved engineered wood products and composites;
- 5) Use of wood in non-residential construction.

To ensure the maximum benefit from FPL's research, Risbrudt also has encouraged increased communications and technology-transfer activities.

In 2004, Risbrudt's efforts and achievement were recognized by the Federal Laboratory Consortium for Technology Transfer (FLC), representing federal laboratories and research centers, when they named him Laboratory Director of the Year.

Risbrudt brought to the task a background in planning and management both in the Forest Service headquarters in Washington, D.C., and in the field. He also was familiar with FPL, having begun his Forest Service career as a research forester there in 1978.

In 1980 he was assigned to the Forest Service's Washington, D.C., office as an economist with State and Private Forestry staff. He then served as a research project leader at the North Central Forest Experiment Station in St. Paul, Minn. from 1983 to 1985, when he returned to Washington as director of Policy Analysis. He later was named deputy regional forester for the Forest Service's Northern Region, headquartered in Missoula, Mont.

He returned to Washington as director of Ecosystem Management in 1995. He was named director of Strategic Planning and Resource Assessment in 2001, and later that year, acting deputy chief, Programs and Legislation. He was also designated to assist the transition for the new administration.

After graduation from the University of Minnesota in 1972, he served in the Peace Corps as a forest planner in Morocco. After returning to the United States, he attended Michigan State University, where he earned a master's degree in forest administration and a Ph.D. degree in forest economics.

A native of Fergus Falls, Minn., he makes his home with his wife, Sue, in Middleton, Wis. They have two grown children. In his spare time he enjoys fishing, boating, hunting, fly-tying, collecting books and making wine.

PLENARY SESSION SPEAKERS

Welcome from Eastern Leadership

Kent Connaughton, Regional Forester, US Forest Service Eastern Region

Kent Connaughton became Regional Forester of the Eastern Region in February 2008. In that capacity, he is responsible for the administration of one national tallgrass prairie and 17 national forests located in 20 states. The Eastern Region is geographically, ecologically, and socially diverse and is home to more than 43 percent of the U.S. population.

Connaughton holds a Bachelor of Arts degree from Stanford University, a Master of Forestry degree from Oregon State University, and a Doctor of Philosophy degree from the University of California, Berkeley. He began his career at the Pacific Northwest Research Station as a forest economics researcher. During his 30-year career in the U.S. Forest Service, he has had assignments as Forest Supervisor on the Lassen National Forest in California, and Deputy Regional Forester in the Pacific Southwest Region. He headed the Sierra Nevada Framework for Conservation and Collaboration from 1998 to 2001, which reconfigured federal policies to manage California's Sierra Nevada federal forests and communities from catastrophic wildfire, provided for improved old-growth forest conditions, and provided habitat conservation for the California spotted owl and other important forest species.

Most recently, he served as Associate Deputy Chief for State & Private Forestry in Washington, D.C., where he was responsible for federal protection of the nation's forests from fire, insects, and disease, as well as programs to support sustainable management of non-federal forests, conservation education, and tribal relations. He is a member of the Society of American Foresters, and was elected Fellow of that professional society in 1991. His wife, Sue, is a Forester and a teacher. They have two children.

Kathryn P. Maloney, Director, Northeastern Area State & Private Forestry

Kathryn Maloney is the Director, Northeastern Area State and Private Forestry. In this position she leads state and private forestry operations in 20 states and the District of Columbia. The NA S&PF programs address forest health management, fire management and economic assistance, forest stewardship, stewardship incentive programs, forest legacy, natural resource conservation education and urban and community forestry.

Prior to her current assignment, Ms. Maloney served as the Director for the Strategic Planning and Resource Assessment (SPRA) Staff in Washington, DC. Her responsibilities included development of the Forest Service national strategic plan as required by the government Performance and Results Act of 1993 (GPRA) as well as nationwide resource assessments as required by the Forest and Rangeland Renewable Resources Planning Act (RPA). During her tenure as Director for SPRA, Ms. Maloney also served the Secretary of Agriculture as a member of the Secretary's Advisory Committee for Employees with Disabilities and as a member of the USDA Planning Team.

Ms. Maloney has also served as program branch chief and as acting Deputy Director for the SPRA staff. She joined the Forest Service in 1981 as the minerals staff economist and before moving to SPRA was the national budget and training coordinator for the Minerals and Geology Management Staff. In the past, she worked for the Department of Commerce and for Freeport Minerals Company in New York City and Washington, DC. In 1987, Mr. Maloney worked as a legislative assistant for international trade for Senator Domenici (New Mexico). She has also held assignments as acting Director of Legislative Affairs in the Forest Service headquarters and as acting Deputy Forest Supervisor on the Payette National Forest in Idaho.

A native of Brooklyn, PA, Ms. Maloney received a B.S. in mineral economics from Pennsylvania State University, and an M.B.A. in finance and investments from George Washington University in Washington, DC, where she graduated with honors. Ms. Maloney is a member of the USDA Senior Executive Service, the Society for Mining, Metallurgy, and Exploration (formerly AIME), and a member of the Federal Executive Institute Alumni Association.

PLENARY SESSION SPEAKERS

National Sustainability Vision

Abigail Kimbell, Chief, US Forest Service

Abigail R. Kimbell, the 16th Chief of the US Forest Service grew up in New England, where she spent her formative years hiking, fishing, and camping on the White Mountain National Forest. She received a bachelor's degree in forest management from the University of Vermont in 1974 and later a master's degree in forest engineering from Oregon State University.

She worked as a seasonal employee before beginning her Federal forestry career in 1974 with the Bureau of Land Management in Medford, Oregon. She then joined the Forest Service as a pre-sale forester in Kodiak, Alaska, in 1977. She next worked in Oregon as a logging engineer and then a district planner. She served as a district ranger in Kettle Falls, Washington on the Colville National Forest from 1985-88, and on the Wallowa-Whitman National Forest in La Grande, Oregon, from 1988-91, and as forest supervisor of the Tongass National Forest in Alaska (1992-97) and the Bighorn National Forest in Wyoming (1997-99).

From 1999-2002, Kimbell was the forest supervisor for the Pike and San Isabel National Forests and the Comanche National Grassland—all in Colorado—as well as the Cimarron National Grassland in Kansas. In May 2002, Kimbell began work as the associate deputy chief for the National Forest System lands in the Forest Service Washington, DC headquarters. During her tenure as associate deputy chief, Gail's leadership was instrumental in helping to carry out the Healthy Forests Initiative and she provided support in the development of the Healthy Forests Restoration Act of 2003.

In December 2003, Kimbell was named as the Regional Forester for the Northern Region located in Missoula, Montana. She assumed her current position as Chief of the US Forest Service on February 5, 2007.

Kimbell is a member of the Society of American Foresters.

Keynote Speaker

Frances Westley, J.W. McConnell Chair in Social Innovation, University of Waterloo

Frances Westley joined University of Waterloo in 2007 as the JW McConnell Chair in Social Innovation. In this role she will head up a Canada wide initiative, Social Innovation Generation, a cross sectoral partnership to build capacity for social innovation in Canada. Dr. Westley is a renowned scholar and consultant in the areas of social innovation, strategies for sustainable development, middle management and strategic change, visionary leadership and inter-organizational collaboration. Her most recent book, *Getting to Maybe* focuses the dynamics of social innovation, and institutional entrepreneurship in complex adaptive systems. A previous book, *Experiments in Consilience*, focuses on the dynamics of inter-organizational and interdisciplinary collaboration in the management of ecological and conservation problems.

Before joining University of Waterloo, Frances Westley held the position of Director, Nelson Institute for Environmental Studies at University of Wisconsin- Madison. Other positions she has previously held include the James McGill Professor of Strategy at McGill University's Faculty of Management, director of the McGill-Dupont Initiative on Social Innovation and director of the McGill-McConnell Masters program for National Voluntary Sector leaders – an innovative executive masters degree program customized for the leaders of voluntary organizations across Canada.

PLENARY SESSION SPEAKERS

National Sustainable Operations Panel

Boyd Rutherford, Assistant Secretary for Administration, USDA

On January 17, 2006, President George W. Bush nominated Boyd K. Rutherford to the position of Assistant Secretary for Administration to the U.S. Department of Agriculture (USDA). He was confirmed, by unanimous consent, by the United States Senate on May 12, 2006. As Assistant Secretary, he serves as the Department's: Chief Acquisition Officer; Chief Human Capital Officer; the Senior Energy and Environmental Official; the Freedom of Information Act Officer; Chair of the Sustainable Operations Council; and directs the Department's emergency operations center and related emergency management functions.

Prior to serving with USDA, Boyd served Maryland Governor Robert L. Ehrlich, Jr. as Secretary of the Maryland Department of General Services (DGS). From January 2003 to June 2006, Mr. Rutherford was responsible for more than \$900 million in annual contract administration and 10 million square-feet of State-owned and leased facilities. He also served as Construction Advisor to the Board of Public Works. He was a member the General Professional Services Selection Board, the Information Technology Board, the Procurement Advisory Council, the Maryland Food Center Authority, and the Interagency Committee for Public School Construction.

Mr. Rutherford came to DGS from the U. S. General Services Administration (GSA). In President George W. Bush's first term, he appointed Mr. Rutherford to the position of Associate Administrator of GSA. At GSA, Mr. Rutherford wore dual hats as Associate Administrator for Small Business Utilization and Associate Administrator for Performance Improvement.

Mr. Rutherford has extensive legal and business experience including service in the fields of information technology sales, law, and small and minority business development. He graduated from Howard University with a bachelor's degree in economics and political science. He holds a law degree and a master's degree in communications management from the University of Southern California. Mr. Rutherford is a member of the State Bars of California and Maryland, as well as the District of Columbia bar. He has practiced law in Southern California, Washington, D.C., and Baltimore. The primary focus of his practice was regulatory law and litigation, including advising companies and non-profits on Federal and State Brownfields legislation. Mr. Rutherford previously served on the Baltimore City Brownfields Redevelopment Council and on the Board of the Corridor Transportation Corporation.

Mr. Rutherford resides in Columbia, Maryland with his wife and two of his three children. He and his wife have an adult child, who resides in Southern California.

David Cleaves, Associate Deputy Chief, Research & Development, USFS

Dr. David A. Cleaves is the Associate Deputy Chief for the Research & Development Deputy Area, in the Washington Office. He is second in command for \$300 million Natural Resource Science and Technology Programs consisting of employees at the Regional Research Stations, Forest Products Lab, and the Institute of Tropical Forestry and 83 Experimental Forests. This is the largest such organization in the work. Dave has executive leadership in the Washington Office Staff of (50) employees; (4) in SES Level Directorates covering all major scientific discipline to provide program direction, oversight, maintain strategic alliances, and manage social and political issues related to science policy and incorporation of science into natural resource policy making.

Dave has held various positions in the Washington Office and other areas within the agency; his most recent assignment prior to returning to the Washington Office was his position as the Station Director for the Rocky Mountain Research Station; previous to that he was the Director of the Resource Valuation and Use Research from April 2003 to October 2005; and was the National Program Leader, Fire Systems Research from April 1999 to April 2003.

Dave's specialty in decision science and risk analysis, about which he has authored numerous papers and done extensive consultation. He was formerly the national decision science specialist in the Forest Service where he developed methods and tools for improving environmental analysis and decision processes and advised policymakers on the human factors and decision behavior implications of policy initiatives. Dave was formerly a Forest Service research project leader in fire economics and management and a professor of forest economics at Oregon State University. Dave has a B.S. and M.S. from Michigan State University and a Ph.D. in Economics from Texas A&M University.

PLENARY SESSION SPEAKERS

National Sustainable Operations Panel

Jacqueline Myers, Associate Deputy Chief for Business Operations, USFS

Jacqueline Myers is the Associate Deputy Chief for Business Operations at the United States Department of Agriculture, Forest Service. As an executive in the Business Operations Deputy Area, her oversight responsibilities include but are not limited to: Alternative Dispute Resolution; Civil Rights and Alternative Dispute Resolution; Human Capital Management; Information Management; Programs and Budget Analysis; Regulatory and Management Systems; Safety and Occupational Health; Diversity; Sustainable Operations; and, Strategic Planning and Performance Accountability. The mission of the Forest Service is to sustain the health, diversity, and productivity of the nation's forests and grasslands to meet the needs of present and future generations. Ms. Myers works to ensure that the 39,000 employees with a budget of 6 billion, have effective tools and processes to carry out that mission of managing the Nation's 193 million acres of national forests and grasslands. Her 30 year career spans administrative, line officer, and Senior Executive Service positions, and geographically she has served at all four levels of the Agency, from its most northern location in Alaska, to the national headquarters in Washington DC. Constitutional law and criminal investigation were her areas of formal study at the Universities of Alaska and Montana, respectively.

Ann Bartuska, Deputy Chief, Research and Development, USFS

Dr. Ann M. Bartuska is Deputy Chief for Research and Development, USDA Forest Service. She came to that position in January, 2004 from The Nature Conservancy, where she was Executive Director of the Invasive Species Initiative from 2001 - 2003. She is an ecosystem ecologist with degrees from Wilkes College (B.S.), Ohio University (M.S.) and West Virginia University (Ph.D.). Her past research has focused on ecosystem processes in landscapes disturbed by coal mining. From 1982 to 1989 she managed research, development and assessment programs associated with the effects of acid rain/air pollution under the National Acid Precipitation Assessment Program. She did this first at North Carolina State University and then as an employee of the USDA Forest Service.

In 1989, Dr. Bartuska was named Assistant Station Director for Continuing Research in the Southeastern Forest Experiment Station, where she was responsible for research in Georgia and Florida. She relocated to the Forest Service's Washington Office - Forest Environment Research staff in 1991 as Wetlands Specialist, with specific responsibilities to develop a National Wetlands Research Program. She became the first Director of Ecosystem Management when that staff was created in 1992. Dr. Bartuska spent 1993 as Forest Service Liaison to the National Biological Survey of the Department of Interior, then returned to the Forest Service as Director of Forest Health Protection in October, 1994. In January, 1999, she became the first woman and first ecologist to be named Director of Forest Management. In 2000, she also became responsible for the Range Management program and began integrating forest and rangelands into an all-vegetation focus. She is active in the Ecological Society of America, serving as Vice-President for Public Affairs from 1996 - 1999 and President in 2003. She is a member of the Society of American Foresters, has served on the board of the Council of Scientific Society Presidents, and is active in many organizations promoting the use of science in policy including: the National Commission on the Science of Sustainable Forestry (NCSSF), the Aldo Leopold Leadership Program (ALLP), and the Heinz Center's State of the Nation's Ecosystem project.

Keynote Speaker *Steady State Sustainability*

Paul DeLong, Wisconsin State Forester

Paul is Administrator of the Wisconsin Department of Natural Resources' Division of Forestry and Wisconsin's Chief State Forester. Paul is one of 470 permanent and many seasonal forestry employees who work in concert without countless internal and external partners to protect and sustainably manage Wisconsin's forests.

Paul's service to the people of Wisconsin began in 1992 as the State Lands Specialist for Forestry. He later served as Chief of the Forestry Program Support Section and then for five years as Deputy Chief State Forester.

Prior to his career with the Wisconsin DNR, Paul worked as a mediator for the RESOLVE Center for Environmental Dispute Resolution, and subsequently as a senior program officer for World Wildlife Fund, both in Washington, D.C.

Paul received a bachelor's degree in forestry from the University of Wisconsin - Stevens Point and a master's degree in natural resource policy from the University of Michigan.

Paul is married to his soul mate, Abby, and relishes time spent with her and their two children. Paul is a recovering punster who loves to keep falling off the wagon.

PLENARY SESSION SPEAKERS

Specialty Climate Change Speakers

Dr. Faith Ann Heinsch Faith Ann Heinsch is trained as an environmental physicist, receiving the B.S. degree from the University of Alabama, the M.S. degree from Oregon State University, and the Ph.D. degree in soil science from Texas A&M University. She has been with the University of Montana, Missoula, since 2002, where she is currently a Research Scientist with the Numerical Terradynamic Simulation Group (NTSG) in the Department of Ecosystem and Conservation Sciences, College of Forestry and Conservation. Dr. Heinsch has taught a course on climate change for three years and has given numerous public presentations on the subject. Her primary research interest is in the development of local and regional ecosystem biogeochemical models and exploring the impacts of climate change on terrestrial ecology.

Dr. Wei Min Hao

Dr. Wei Min Hao is a senior scientist at the United States Forest Service's Rocky Mountain Research Station. He has published over 70 papers as authors or co-authors in scientific journals. He authored a chapter to one of the Intergovernmental Panel on Climate Change (IPCC) reports in 1994. The IPCC was the co-recipient of the 2007 Nobel Peace Prize. He was one of twelve recipients for the "*Influential Chinese Award in 2007.*"

Dr. Hao leads an interdisciplinary team to study the impacts of fires on air quality, atmospheric chemistry, and climate at regional and global scales. The team has conducted extensive field experiments to quantify the emissions of atmospheric pollutants and greenhouse gases from fires in various ecosystems in the United States, Mexico, Canada, central Siberia, Brazil, Chile, Zambia, and South Africa. The group also operates a satellite receiving station to produce fire locations and map burn scars in near real-time and a high-performance Linux cluster computer to forecast air quality downwind from large fires.

Prior to joining the Forest Service, Dr. Hao was a scientist at the Max-Planck-Institut für Chemie, Mainz, Germany. He received a BS degree in chemistry from Fu Jen Catholic University in Taiwan in 1976, two MS degrees in geochemistry and toxicology from Massachusetts Institute of Technology in 1979 and 1981, and a Ph.D. degree in atmospheric chemistry from Harvard University in 1986.

Extreme Ranger District Makeover

Joe Alexander, District Ranger, Deer River Ranger District, Chippewa National Forest

Joe Alexander graduated from the University of Montana with a degree in Forestry and rangeland management emphasis. He began his career on the Bitterroot National Forest working in range and noxious weed management. He then spent time on the Little Missouri National Grasslands in North Dakota and worked in range and plan revision. Joe then moved to the Humbolt Toiyabe National Forest as an Operations Team Leader. His next adventure was on the Custer National Forest as a Planner until he was hired on the Colville National Forest as a District Ranger. Joe has been in his current position as District Ranger on the Chippewa National Forest for two and a half years. Joe has been dedicated to leadership development, diversity and civil rights issues, and more recently sustainable operations during his career.

Keynote Speaker Civic Tourism: Aldo Leopold and Politics of Place

Dan Shilling, Director, Civic Tourism Project

A native Pennsylvanian, where he taught high school, Dan moved to Arizona in 1980 and earned a PhD from Arizona State University. He joined the Arizona Humanities Council in 1984 as a program officer, and was named executive director in 1989, a position he stepped down from in 2003. At AHC he developed several award-winning projects on community building and sense-of-place issues. A former fellow of the Kettering Foundation, which encourages civic participation, Dan guided Arizona's early research on heritage tourism, eventually editing three publications and earning several awards, including the Arizona Office of Tourism "Person of the Year Award" and the Museum Association of Arizona "Distinguished Service Award." Since 2005, Dan has taught a seminar at Arizona State University on the history of sustainability, and in that same year he received ASU's highest honor, its Distinguished Alumnus Award, for his service to the state's communities. Dan recently directed a three-year, federally funded project on place-based tourism, which resulted in the book, *Civic Tourism: The Poetry and Politics of Place*. This past October a second national conference was held on Civic Tourism, and Dan now delivers dozens of talks and workshops on the subject annually. In 2008, he completed an ASU fellowship to research a book on ecologist Aldo Leopold and his connection to sustainable community development. Dan lives in Phoenix.

CONCURRENT SESSION PRESENTERS

Energy I: Reducing Energy Use

Art Johnston, *Technical Services Team, US Forest Service Region 9*

Water

Bonnie Ilhardt, *Regional Watershed & Riparian Program Manager, US Forest Service Region 9*

Sarah Baker, *Regional Water/Wastewater Engineer, US Forest Service Region 3*

Waste and Recycling

Amy Sausen, *The Bruce Company of Wisconsin, Inc.*

Lisa Noble, *Community Organizer*

Lisa Noble's love of nature and interest in the environment started at a very early age, and was enhanced through girlhood experiences with scouting and the Ranger Rick program. She says recycling is her main passion. She has spent countless hours volunteering time bringing recycling to organizations that she works closely with. Her first attempt to start a recycling program was in her mid-twenties in a Chicago area hospital. Here, she ran into lots of resistance and red tape and did not achieve her personal recycling goal before leaving that job several years later.

In her thirties, Ms. Noble worked at a large state hospital in California and enlisted several other interested people to begin a recycling program there; much effort over 10 years led to some successes. In 2002, she moved with her family to the inner-tier Milwaukee suburb of Shorewood and has worked on recycling programs in the village and its schools ever since.

Ms. Noble earned her B.S. degree in recreation therapy from the University of Illinois-Champaign-Urbana in 1984.

Leigh Leonard, *Associate, PRIZIM, Inc.*

Leigh Leonard is an Associate with PRIZIM Inc., a top small business headquartered in Gaithersburg, Maryland known for providing trusted advisors who help their clients achieve sustainable results. Ms. Leonard has over twenty years of experience working in the environmental health and safety field. Her background includes Environmental Management System (EMS) development and environmental compliance strategies for universities, top level research organizations, and civilian federal agencies. Ms. Leonard has emphasized waste reduction and pollution prevention throughout her career. Her accomplishments include co-editing the comprehensive reference book, *Pollution Prevention and Waste Minimization in Laboratories*. Ms. Leonard received her Master's degree from the University of Wisconsin-Madison in Urban and Regional Planning where she has lived for over twenty years.

Energy II: Renewable Energy

Mel Tyree, *Scientist, US Forest Service Northern Research Station*

Sustainable Transportation

Matt Peterson, *Recreation Planner, Inyo National Forest*

Matt Peterson is a Presidential Management Fellow and Recreation Planner with the Inyo National Forest in eastern California. He graduated from the University of Oregon in June 2008 with masters degrees in Environmental Studies and Community and Regional Planning. As part of his studies, he co-authored the University of Oregon's 2007 Campus Sustainability Assessment, the City of Eugene's Walking and Biking Strategic Plan, and was a project manager for an Oregon Department of Transportation research project on Oregon's Area Commissions on Transportation, Cross-Jurisdictional Collaboration, and Improved Transportation Planning. Prior to graduate school, Matt worked as an educator, wildlife biologist, and volunteer coordinator.

Martha Moran, *Recreation Staff, White River National Forest, Aspen Ranger District*

Green Purchasing

Boyd Rutherford, *Assistant Secretary for Administration, USDA*

See plenary session speakers

CONCURRENT SESSION PRESENTERS

Green Purchasing

Shawn Spengler, *Director, Product Management - JanSan/MRO Products at National Industries for the Blind*

Mark Sajbel, *Program Analyst, USDA Environmental Management Division*

Mark is a Program Analyst at the USDA Environmental Management Division, focusing on green procurement, recycling, and electronics stewardship. He drafted the USDA Electronics Stewardship Plan and helped revise the Green Purchasing Affirmative Procurement Program, both of which are posted on the "greening.USDA" website. Prior to his job at USDA, Mark worked at the U.S. General Services Administration and served in the Peace Corps.

Sustainable Building Design

Kurt Kretvix, *Technical Services Team Leader/Project Manager, US Forest Service Region 9*

Randy Warbington, *Facilities Program Manager, US Forest Service Region 8*

Todd Michael, *Engineer, US Forest Service Region 2*

Climate Policy

Justin Felt, *Senior Analyst, Point Carbon*

Justin is a Senior Analyst at Point Carbon, where he manages the company's carbon offset analysis products for North America, including the Carbon Project Manager North America tool. Justin holds an MBA/MS from the University of Michigan through the Erb Institute for Global Sustainable Enterprise. During his time in Michigan, he interned with Dow Chemical and Weyerhaeuser, performing due diligence on carbon offset projects for their respective business lines. He also co-authored the master's project entitled, "Renewables, Policy, and Cost of Capital."

Chris Farley, *US Forest Service International Programs*

Mr. Farley is the US Forest Service (USFS) lead for international policy related to climate change and bioenergy. In this role, he serves as a liaison between the technical expertise of the USFS and other government agencies and offices, including the Department of State and the Council on Environmental Quality. In December 2007, he served as part of the US delegation to the 13th Conference of the Parties to the UN Climate Convention in Bali, Indonesia. He continues to represent the agency in ongoing international negotiations potentially leading to finalizing a new international climate agreement in December 2009. Mr. Farley has worked for the USFS since 2002. Before joining the USFS, Mr. Farley received an M.S. in Forest Resources, with an emphasis in Policy & Law, from Oregon State University. He has a B.S. double major from Colorado State University in Biochemistry and Natural Resources Management.

Rob Doudrick, *Director of Resource Use Sciences, US Forest Service*

Rob is currently director of Resource Use Sciences with the US Forest Service. Prior to that, he served in the Office of the Chief as the Ecosystem Services Coordinator for the Forest Service. He also has been co-chair of working groups reporting to the White House Office of Science, Technology, and Policy and to the USDA Secretary on the Department's role in market-based Environmental Stewardship. Doudrick received his Doctorate Degree from the University of Minnesota.

David Trauger, *Associate Dean, Virginia Tech*

Dr. David L. Trauger recently retired as the Virginia Tech Director for Natural Resources Programs located at the Northern Virginia Center in Falls Church, Virginia. Dr. Trauger continues as the Associate Dean for the Graduate School in Virginia Tech's National Capital Region. He is a Professor in the Department of Fisheries and Wildlife Sciences in the Virginia Tech College of Natural Resources. Formerly, Dr. Trauger served 32 years in the U.S. Department of the Interior as a wildlife scientist and administrator with the U.S. Fish and Wildlife Service and the U.S. Geological Survey.

Engaging Youth and Communities

Ashlee Ransom, *Urban Connections Program Specialist, US Forest Service Region 9*

Arlene White, *Urban Connections Coordinator, US Forest Service Region 9*

Nick Schmal, *Regional Fish and Aquatic Ecology Program Leader, US Forest Service Region 9*

Jean Claassen, *Public Affairs Specialist, America's Outdoors Center*

The Science of Sustainability

Trista Patterson, *US Forest Service Pacific Northwest Research Station*

CONCURRENT SESSION PRESENTERS

The Science of Sustainability

Anna Jones Crabtree, *Sustainable Operations Coordinator, US Forest Service Regions 1 and 2*

Pat Winter, *US Forest Service Pacific Southwest Research Station*

Ann Bartuska, *Deputy Chief, Research and Development, US Forest Service*

Tribal Perspectives on Sustainability

Mike Dockry, *Liaison to Sustainable Development Institute - College of Menominee Nation, US Forest Service, Forest Products Laboratory*

Melissa Cook, *Director, College of Menominee Nation Sustainable Development Institute*

Beau Mitchell, *Sustainability Coordinator, College of Menominee Nation Sustainable Development Institute*

Faline Haven, *Office of Tribal Relations, US Forest Service*

John Breuninger, MPH, *Area Manager for Planning and Statistics, Oneida Nation of Wisconsin*

Sustainable Landscape Design: Linking Landscapes and Communities

Martin Yoklic *MLa, LEED AP*

Mr. Yoklic is a faculty researcher at University of Arizona's Environmental Research Laboratory (ERL) and consultant specializing in renewable resources and community sustainability. His research interests include climate impacts on urban ecosystems and the associated implications resource scarcity (water and energy) on community viability. His current projects include development and testing of rainwater systems for potable use as part of a facility to demonstrate the potential for net-zero energy and water in a cold climate residence and evaluating halophyte farming as a viable disposal method for the concentrate from large scale reverse osmosis water treatment facilities.

Robert E. Snieckus, *RLA, ASLA, National Landscape Architect, USDA Natural Resources Conservation Service, Washington, DC*

Bob Snieckus' work focus is on the ecological systems of landscapes, healthy, sustainable communities, and the impact new technologies have on environmental design. Utilizing charrettes, visual simulation, & multi-media, Bob provides the planning, design and construction supervision of flood reduction, recreation and wetland restoration projects throughout the US. He has a BS in Landscape Architecture from Rutgers University and the Loeb Fellowship in Advanced Environmental Planning from the Harvard Graduate School of Design. He has received design awards for his work from ASLA, ASCE, ASAE and the National Endowment for the Arts.

Jim Patchett, *ASLA, LEED, Founder and President, Conservation Design Forum*

Jim Patchett combines his expertise and training as a landscape architect and hydrologist in the development of natural resource-based site planning and design techniques that involve integrating innovative stormwater management and ecological restoration strategies into built environments. In 1994, he founded Conservation Design Forum in Elmhurst, Illinois, to further develop this ecological philosophy and "green" development focus. Prior to founding CDF, Jim served as design lead and project manager on some of the Chicago region's most noted early examples of sustainable site planning and development including such award-winning projects as Sears Prairie Stone, Tellabs Research and Development Facility, and AT&T/Lucent Technologies. Each of these projects showcased the integration of native landscapes with innovative green infrastructure measures. Jim received an undergraduate degree in landscape architecture, and Master's degrees in both landscape architecture and civil engineering (water resources) from Iowa State University. He has also completed coursework for a doctorate from the University of Michigan's School of Natural Resources.

Matt Arnn, *ASLA, Area Landscape Architect, Northeastern Area, State and Private Forestry*

Matt Arnn is the Area Landscape Architect for the US Forest Service Northeastern Area. He works in the 22 state region to create healthy, sustainable communities. Matt's work includes a redesign of the Jamie L. Whitten, USDA Headquarters building on the National Mall, conceptual design for a National Children's Garden in Muscat, Oman and the Living Memorials Project (www.livingmemorialsproject.net), an effort to create new