
PINCHOT INSTITUTE FOR CONSERVATION

Ensuring Forest Sustainability in the Development of Wood Bioenergy in the US

Presenter Biographies

Kathy Abusow

President and CEO, Sustainable Forestry Initiative, Inc.

Kathy Abusow is President and Chief Executive Officer of the Sustainable Forestry Initiative, Inc. (SFI, Inc.), the fully independent organization responsible for the Sustainable Forestry Initiative® Program. The SFI® program is a comprehensive and rigorous sustainable forestry certification system that encompasses more than 133 million certified acres in the U.S. and Canada and includes over 200 program participants. Before joining SFI, Inc., Kathy operated Abusow International Ltd., a successful forest certification and market acceptance consultancy for almost 15 years. Highly respected internationally as both a technical expert on certification standards (SFI, CSA, FSC, PEFC) and related marketplace issues such as procurement policy design and green building rating tools acceptance of wood and certified products, she has worked with government and corporate agencies around the world.

Michael Anderson

Senior Resource Analyst, Pacific Northwest Regional Office, The Wilderness Society

Michael Anderson is the Senior Resource Analyst for The Wilderness Society and is one of the nation's leading experts in national forest law and policy. He has an undergraduate degree from Yale University and a law degree from the University of Oregon. Mike has worked for The Wilderness Society since 1985 and has been stationed in The Society's Pacific Northwest regional office in Seattle since 1989. His responsibilities include conducting interdisciplinary research, analyzing legislative and regulatory proposals, participating in selected collaborative projects, and coordinating The Wilderness Society's litigation activities. He is the co-author of *Land and Resource Planning in the National Forests* (Island Press 1987) and has written numerous articles, citizen's guides, and reports on national forest management and other public land issues.

Dan Bihn

Director, Flexible Energy Communities Initiative

Dan is a systems engineer specializing in bridging the gap between new energy technology and decision makers -- providing program design and development assistance, strategic communication products targeted at non-technical leaders and the general public, and US-Japanese technology liaison assistance. Dan is one of the developers of the Flexible Energy Communities Initiative -- a design assistance program helping communities design and construct public buildings that can easily adapt to the changing energy economics of the 21st century including becoming Woody Biomass Ready. Dan holds a Masters of Science in Electrical and Computer Engineering from UC Davis. He

Leadership in Forest Conservation Thought, Policy and Action



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spent 7-years in Japan, including 1-year as a post graduate researcher at Kumamoto University, and 6-years as a product development and technology transfer engineer.

Dan also serves on the Fort Collins City Electric Board and is the current chair of the Northern Colorado Renewable Energy Society.

Larry Biles

Director, Southern Forestry Research Partnership

The Southern Forest Research Partnership, Inc. (SFRP) is a not-for-profit association that coordinates the development of forest resources research and technology transfer grant proposals at the regional level. SFRP's membership includes twelve Southern Forestry Schools and colleges, eight forest and forest related industries, five not-for-profit associations and three federal agencies. The Partnership's current foci are: Carbon Management; Water Quantity and Quality; Economics; Biomass; and Biodiversity.

Biles is a forestry graduate from the University of Missouri. His career includes employment with Kansas State University, the U.S. Forest Service, and USDA's Cooperative State Research, education, and Extension Service.

Ned Daly

Chief Operating Officer, Forest Stewardship Council US

Ned Daly has been with FSC for more than four years, and brings with him many years of nonprofit management experience in the environmental community. Most recently Ned has served as the FSC-U.S. Board of Directors Chairperson while working as Forest Policy Director for Consumer's Choice Council, where he led a campaign to get the City of New York to specify FSC-certified wood in their procurement policies. Ned has also served as the Director of the Resource Conservation Alliance, and Director of the Environmental Resource Information Network. Ned has performed extensive government relations and strategy work for the nonprofit sector including work for Greenpeace, the Alliance for the Wild Rockies, the Taxpayer Assets Project and Save America's Forests. Ned holds a B.A. in History from Roanoke College.

John Hagan

John Hagan joined Manomet in 1986 as a senior scientist in the Landbird Program. In 1989, he organized Manomet's international conference on ecology and conservation of Neotropical migrant landbirds and later served as the senior editor of the proceedings volume published by Smithsonian Institution Press.

In the early 1990s, John's research interests shifted to understanding the effects of timber harvesting on biodiversity and to developing new forestry practices that protect and maintain biodiversity. He has conducted research in both tropical (Belize) and temperate (Maine) forests. In 1996 he created the Shifting Mosaic Project in northern New England, a landscape-scaled approach to managing forests for both biodiversity and timber. The Shifting Mosaic was launched on lands owned by major timberland owners in northern New England. In 1997, He became Director of Manomet's new Forest Conservation Program, and opened its first extension office in Brunswick, Maine.

John served as editor of Ornithological Monographs for the American Ornithologist's Union (AOU) from 1993-1998. He is an Elected Member of the AOU, and has served on the AOU Council. He

also received the Ernest P. Edwards Award for the best paper in the Wilson Bulletin in 1992. In 1995 he received the "Best Publication" Award in the Editorship category from The Wildlife Society for the Neotropical migrant symposium proceedings volume.

John received a B.S. in Environmental Science from Texas Christian University, an M.S. in Wildlife Management from N.C. State University, and a Ph.D. in Zoology, also from N.C. State. He is a Cooperating Scientist with Cooperative Forestry Research Unit at the University of Maine, and an Honorary Research Associate with the University of New Brunswick.

Catherine Mater

President, Mater Engineering, Ltd.

Catherine Mater is President, Mater Engineering, Ltd. in Corvallis, Oregon. She has extensive experience in assisting in the development of new engineering technologies and marketing strategies for secondary wood products and special forest products for both domestic and international markets. She also serves as a Senior Fellow to the Pinchot Institute, where she provides expertise on a wide range of projects. Most recently, she has assisted softwood and hardwood product manufacturers and producer associations across the United States in identifying markets for sustainably harvested "green certified" wood products, and has served as the project manager for all certification pilot projects conducted on public forestlands in the United States. Mater has co-authored a series of textbook case studies documenting the commercial viability of sustainable forest practices throughout the world.

Timothy Maker

Biomass Energy Resource Center

Timothy Maker was the founding Executive Director and now serves as the Senior Program Director of the Biomass Energy Resource Center. He is a nationally recognized leader in the fields of biomass heating and CHP applications for community uses and public schools. Prior to joining BEREC at its founding in 2001, Mr. Maker was for 15 years principal of EEA Biomass, a consulting firm that specialized in wood heating for schools, public buildings and community district energy. He is the author of two books on these subjects. During his 20 years in the biomass field, Mr. Maker has carried out numerous detailed technology surveys and market assessment studies of biomass applications. He is a member of the Technical Advisory Committee for the joint DOE/USDA Biomass R&D Initiative, the Fuels For Schools Implementation Team, and the National Biomass Energy Team. He is a frequent presenter at national conferences. He holds a BS in Engineering Physics from Cornell University.

Will McDow

North Carolina Regional Office, Environmental Defense

Will McDow is Southern Forests Projects Manager with the Center for Conservation Incentives at Environmental Defense based in Raleigh, North Carolina. In 2000, Will received his Master of Forestry from Duke University's Nicholas School of the Environment. Since then he has worked to create new incentives and expand existing opportunities for private landowners to better manage their forests. This has included Farm Bill incentive programs, property tax reform and developing new markets. On a personal note, Will once enjoyed many outdoor activities but now spends most of his time raising two young daughters in Durham.

Steven Mueller**President, Interational Woodfuels, Inc.**

From 1980 to the present, Mr. Mueller has been a senior executive of renewable energy and cogeneration companies in the US, Australia and in Europe. Most recently, from 2001-2007, Mr. Mueller was the President of DG Energy, based in San Diego, CA, with offices and power generation facilities throughout the US. From 1995 to 2001, Mr. Mueller was the President of Wilton InterPower, a firm specializing in Combined Heat & Power (CHP) facility development and ownership outside the US. Mr. Mueller currently advises a number of renewable energy and biomass businesses in the US, Australia and Europe on technical systems development and commercial financing structures suited to new applications for uses of sustainable sources of energy. Mr. Mueller is a graduate of the University of North Carolina at Chapel Hill and is the author of numerous books and articles in the field of renewable energy.

Eric Palola**Director, Northeastern Natural Resource Center, National Wildlife Federation**

Eric S. Palola is Senior Director of the Forests for Wildlife program at the National Wildlife Federation. For ten years, he directed NWF's northeast regional office covering programs in water quality, forest restoration, wildlife conservation, and environmental education. Eric currently serves on the international Board of Directors of the Forest Stewardship Council, and as Chair of the Northern Forest Alliance. He worked previously as a Project Manager for a private renewable energy firm, as a policy analyst at US EPA, and as Associate Director for the Vermont Natural Resources Council. Eric has degrees in natural resource economics and public policy from the University of Vermont and Harvard University. He lives on a small farm in Huntington, VT with his family.

Bob Perschel**Northeast Regional Director, The Forest Guild**

Robert Perschel is currently Northeast Region Director for the Forest Guild. In his 25 years as a conservation professional he has worked on both forestry and wilderness issues. Bob worked for forest industry before establishing his own forestry consulting business, founding the Land Ethic Institute and co-founding the Forest Guild. He has also been Director of The Wilderness Society's Network of Wildlands Program, Regional Director for Northeast Region, chairman of The Northern Forest Alliance and the Eastern Forest Partnership. Bob also served as Director of The Wilderness Society's Land Ethic Program where he developed and published The Land Ethic Toolbox: Using Ethics, Emotion and Spiritual Values to Advance American Land Conservation.

In his current role with the Forest Guild he is developing a regional program for the Northeast that will promote ecological forestry, rural community enhancement and bring forestry professionals into critical policy debates. He recently produced the Guild report Ensuring Sustainable Forestry Through Working Forest Conservation Easements in the Northeast. He is leading the Forest Guild's Climate Change Working Group which is now completing a report that analyzes the climate change effect on forestry in the northeast and the prospects for these forests to lessen global warming through carbon sequestration. The Working Group will next turn its attention to forest biomass as an energy source and the approaches to producing it sustainably.

Bob is drawing upon his experience as conservation professional to develop a new model of environmental leadership that will allow us to reconnect people to the natural world and rally them to work on sound environmental policy. In his current research he is considering the emotional,

spiritual and psychological aspects that contribute to excellence in environmental leadership. Bob is senior partner with Germane Consulting, of Worcester, Massachusetts and is bringing his research together under a book tentatively titled The Heart and Mind of Environmental Leadership.

Bob has a master's degree in forestry from the Yale School of Forestry and Environmental Studies and a psychology degree from Yale College.

Al Sample
President, Pinchot Institute

Al Sample has served as President of the Pinchot Institute for Conservation in Washington, DC since 1995. He is a Fellow of the Society of American Foresters, and a Research Affiliate on the faculty at the Yale School of Forestry and Environmental Studies. He is author of numerous research papers, articles and books on topics in national and international forest policy. His most recent book is *Forest Conservation Policy*, with Antony Cheng, published in 2004. Sample earned his doctorate in resource policy and economics from Yale University (1989). He also holds an MBA and a Master of Forestry from Yale, and a Bachelor of Science in forest resource management from the University of Montana. His professional experience spans public, private, and non-profit organizations, including the U.S. Forest Service, Champion International, The Wilderness Society, and the Prince of Thurn und Taxis in Bavaria, Germany. He specialized in resource economics and forest policy as a Senior Fellow at the Conservation Foundation in Washington, DC, and later as Vice President for Research at the American Forestry Association. Sample has served on numerous national task forces and commissions, including the President's Commission on Environmental Quality task force on biodiversity on private lands, and as co-chair of the National Commission on Science for Sustainable Forestry. Other professional activities include serving as Chair of the National Capital Society of American Foresters, and as Chair of the board of directors for the Forest Guild.

Tim Volk
Professor, College of Environmental Science and Forestry, SUNY-Syracuse

Dr. Timothy Volk has over 20 years of experience working with agroforestry and short-rotation woody crops in the Northeastern United States and West Africa. He holds degrees from the University of Guelph (Guelph, Ontario) in Natural Resources Management, Cornell University (Ithaca, NY) in Forest Science and SUNY – ESF (Syracuse, NY) in Forest and Natural Resources Management. He is currently a research associate at the State University of New York College of Environmental Science and Forestry (SUNY-ESF). In that capacity he is responsible for a series of research projects focused on the development of willow biomass cropping system as a feedstock for bioproducts and bioenergy. He also conducts research on living snowfences and streambank stabilization, phytoremediation of brownfields and contaminated sites, regional biomass resource supplies, tools to assess the sustainability of bioenergy systems, and harvesting systems for short rotation woody crops.

Bob Wagner
Professor, School of Forest Resources, University of Maine

Robert G. Wagner is the *Henry W. Saunders Distinguished Professor in Forestry* at the University of Maine. His fields of research include silviculture and forest ecology. Dr. Wagner is Director of the Cooperative Forestry Research Unit (CFRU) and leader of the Acadian Forest Ecosystem Research Program (AFERP). In addition to his silviculture research in New England since 1998, Dr. Wagner

has experience as a forest researcher in the U.S. Pacific Northwest and Canadian boreal forest. He has authored numerous publications in the areas of silviculture, forest ecology, and vegetation management. He also is lead editor of the book “*Regenerating the Canadian Forest*” that was published in 2001. Dr. Wagner has a Ph.D. in silviculture from Oregon State University, a M.S. in forest ecology from the University of Washington, and a B.S. in forest management from Utah State University.

Dave Zumeta

Director, Minnesota Forest Resources Council

Dave Zumeta has served as Executive Director of the Minnesota Forest Resources Council (MFRC) since 2001. The MFRC is a 17-member body appointed by the governor and the MN Indian Affairs Council to advise the governor, legislature, and federal, state, and county governments on forest policy issues. The MFRC recently developed the first guidelines in the U.S. for sustainable harvest of woody biomass for energy. From 1981-2001, Dave worked for the Minnesota Department of Natural Resources in various managerial, supervisory and senior staff positions. He earned a Ph.D. in Forest Policy from the University of Minnesota (1995); an M.S. in Forestry from the University of California, Berkeley (1977); and a B.S. in Environmental Studies from Haverford College in Pennsylvania (1973).

Elaine Zieroth

Forest Supervisor, Apache-Sitgreaves National Forest, USDA Forest Service

Elaine Zieroth has been Forest Supervisor of the Apache-Sitgreaves National Forest in eastern Arizona since April, 2003. Prior to coming to Arizona, she was Forest Supervisor of the Manti-La Sal National Forest in Utah for 3 years, and District Ranger in Bonners Ferry Idaho and Tonasket, Washington for over 8 years. Elaine also worked for the Forest Service and BLM in California and Colorado, as well as working in research. She has a B.A. degree in biology from the University of California at Davis, a M.A. degree in wildlife biology from California State University at Fresno and post graduate work in genetics at University of Iowa.