

PARTICIPANT BIOGRAPHICAL INFORMATION

William B. Ainslie

William Ainslie came to EPA Region IV Wetlands Program in 1989. He served as the project manager for Clean Water Act §404 permitting and enforcement for the states of Kentucky and Georgia until 1995. During this time he evaluated the impacts of dredge and fill projects on wetlands, conducted frequent on-site inspections, developed practicable solutions for project modifications and mitigation to minimize adverse environmental impacts on wetlands and related water resources and assessed environmental consequences of illegal fills. In 1995, Mr. Ainslie began working on the Hydrogeomorphic Approach for wetland functional assessment along with the U.S. Army Corps of Engineers Waterways Experiment Station. He has served on national technical committees for the implementation of wetland functional assessment techniques in mitigating wetland losses and monitoring the condition of wetlands in the southeastern United States. He is currently the mitigation coordinator for EPA Region IV and is developing wetland assessment tools for use at multiple spatial scales.

Steve Ashby

Steve Ashby received his Ph.D. from Louisiana State University in 2000. He has twenty-six years of experience as a physical scientist and research hydrologist. His recent research includes designing and conducting water quality and ecosystem restoration studies in freshwater and coastal ecosystems. He is the Program Manager of the System-wide, Modeling, Assessment, and Restoration Technologies (SMART) Research and Development Program. Additional research has focused on the biogeochemistry of surface and groundwater systems related to the transport of heavy metals and nutrients. Dr. Ashby's other professional activities have included serving as: Chair of the NALMS International Committee; a member of the Corps of Engineers Committee on Water Quality; a member of the Lower Mississippi River Basin Subcommittee of the GOM Hypoxia Task Force; and as a Technical Reviewer of Lake and Reservoir Management and International Zebra Mussel and Other Aquatic Nuisance Species, Proceedings of the Sixth International Conference.

Fred Bank

Fred Bank has been an ecologist with the Federal Highway Administration since 1975. He works on national technical and policy applications related to the environment and highway system development in the United States. He develops agency policies and leads a team of natural resource scientists responsible for a wide variety of environmental topics, including water quality, highway stormwater runoff, wetlands, watersheds, sediment and erosion control, §404 permits, and impacts to wildlife habitat, and ecosystems. In 2001, he developed and coled an international technology scan to examine European policies and practices that reduce wildlife-related highway crashes and to protect wildlife habitats and ecosystems fragmented by transportation development. In October 2003, Mr. Bank was a co-instructor for a course on highway stormwater runoff sponsored by the Portuguese National Civil Engineering Laboratory in Lisbon. Mr. Bank holds both Bachelor and Master of Science degrees in Range Management from the University of California at Davis.

Candy Bartoldus

Candy Bartoldus, Ph.D. is a research assistant professor at George Mason University. She has worked in the field of wetland ecology since 1979, working with the U.S. Army Corps of Engineers and Environmental Concern Inc. In recent years she has been a consultant with a focus on developing and teaching wetland assessment procedures. Dr. Bartoldus is senior author of several publications including the *Comprehensive Review of Wetland Assessment Procedures* and the *Evaluation for Planned Wetlands*. She also co-authored the HGM Approach procedural manual. Dr. Bartoldus' research areas include salt marsh ecology (Master thesis), comparison of a natural and constructed freshwater tidal marsh (Ph.D. thesis), and mapping of vegetation communities using remote sensing. She currently is Team Leader of a National Park Service project involving the preparation of a Compendium of Ecological Assessment Methods.

Barbara Bedford

Barbara Bedford joined Cornell University's Department of Natural Resources in 1989, having served as the Associate Director of the University's Ecosystems Research Center since 1980. In addition to teaching and research, she works with conservation organizations and various state and federal agencies in efforts to solve environmental problems that affect wetlands and the landscapes in which they occur. Her research focuses on wetland plant diversity, what controls it, how human actions affect it, and how to manage it. She and her students work primarily in fens, bogs, riparian wetlands, and Great Lakes wetlands. Dr. Bedford earned her M.S. and Ph.D. from the University of Wisconsin-Madison in 1977 and 1980 respectively.

Ken Brazil

Ken Brazil has 15 years of experience with the Arkansas Soil & Water Conservation Commission where he manages programs related to water allocation and minimum streamflows, non-riparian permitting for inter-basin transfer of water, the State Water Plan, state wetland planning (Multi-Agency Wetlands Planning Team), state mitigation banking, and Riparian Zone Restoration & Wetland Creation Tax Credits. In the last 10 years, Mr. Brazil has been involved in developing wetland resource conservation and decision-support system tools that utilize GIS, HGM, and IMS technologies. He coordinated negotiation of a Memorandum of Understanding between the state and federal agencies governing the state mitigation banking program. Current wetland efforts include development of state monitoring strategy, information management system, wetland databases, and internet wetland map viewer.

Bob Brumbaugh

Bob Brumbaugh has been a policy analyst with Corps' Institute for Water Resources for 15 years. He has worked on a variety of issues including water management during drought, Middle East Water Resources, multi-criteria decision making, and the National Mitigation Banking Study. He is presently the editor of Aquatic Resources Newsletter, a member of the National Mitigation Action Plan interagency team, and manager of the National Shoreline Management Study. He received his Ph.D. from UCLA specializing in fluvial geomorphology, paleoenvironmental studies, and plant geography.

Colleen Charles

Colleen Charles is Acting Program Coordinator for the Terrestrial, Freshwater, and Marine Ecosystem Program at the U.S. Geological Survey. She is presently in the process of developing a 5-year wetland science plan for USGS. Ms. Charles has a background in wetlands science, restoration assessment, and watershed issues. Prior to working at USGS, she was with the U.S. Army Corps of Engineers regulatory program at Headquarters and in the Norfolk District.

Charles Andrew Cole

Andrew Cole is the Associate Director of the Center for Watershed Stewardship at Penn State University, where he oversees the interdisciplinary graduate degree option through the Department of Landscape Architecture and the School of Forest Resources. He has been a wetland ecologist since 1983, working with wetland issues in Illinois, North Carolina, Florida, and Pennsylvania (since 1993). His current research interests focus on the creation and restoration of wetlands and their function in the landscape. He has a B.S. and an M.S. in Wildlife Ecology and Management, and a Ph.D. in Zoology. Dr. Cole is a member of the Ecological Society of America (Certified Senior Ecologist) and a life member of the Society of Wetland Scientists (Professional Wetland Scientist).

Josh Collins

Josh Collins received his Ph.D. in Entomological Sciences at the University of California at Berkeley and conducted post-doctoral studies in Geography and Ecology at the University of California at Berkeley and Davis. Dr. Collins is a landscape ecologist and regional ecological planner with expertise in wetland evolution, geomorphology, and plant-animal interactions. He has been a professional ecologist in regulated industry and a consulting ecologist in private practice for the design and review of stream and wetland restoration projects. Since joining SFEI in 1993, Dr. Collins has been the lead scientist for the Bay Area Regional Wetlands Ecosystem Goals Project, the Bay Area Wetlands Regional Monitoring Plan, the Bay Area Watershed Science Approach, and the Bay Area EcoAtlas Information System. He is currently focusing on rapid assessment and intensive functional assessment of various wetland classes, plus scale-dependent habitat fragmentation profiles for wetland landscapes. Dr. Collins directs the SFEI program in Wetland Science.

Steve Eggers

Steve Eggers is a Senior Ecologist and Certified Professional Wetland Scientist with the St. Paul District of the U.S. Army Corps of Engineers. He has 25 years of experience working with the Corps regulatory program under §404 of the Clean Water Act and §10 of the Rivers and Harbors Act of 1899. Mr. Eggers has specialized in Clean Water Act jurisdiction, wetland plant communities, wetland delineation, compensatory mitigation and impact assessment of projects in waters or wetlands. Since 1994, he has served as lead instructor for Regulatory IV (wetland delineation) training sessions in Minnesota and Wisconsin for tribal, federal, state, and local agency staff. He graduated from the University of Wisconsin – La Crosse with a B.Sc. degree in biology and has completed additional coursework in plant taxonomy at the University of Minnesota. Steve is co-author of *Wetland Plants and Plant Communities of Minnesota and Wisconsin* (1997).

Jeanette Gallihugh

Jeanette Gallihugh has worked as a fish and wildlife biologist for the federal government for 12 years, beginning with the U.S. Army Corps of Engineers Regulatory Program, then with the U.S. Fish & Wildlife Service in the Chicago and Florida Keys Field Offices. For the last two years, she has worked for the FWS in the Washington (Headquarters) Office in the Division of Federal Program Activities. Her responsibilities include coordinating on a national level with the Corps' Civil Works and Regulatory Programs, and with Department of Defense on natural resource management plans for military installations.

Richard Gersib

Richard Gersib is a Professional Wetland Scientist and Certified Wildlife Biologist. He makes his home in Olympia, Washington. He currently manages the Watershed Management Program at the Washington State Department of Transportation and leads an interdisciplinary technical team that is developing and refining watershed-based tools for mitigating transportation impacts. In 1993, Mr. Gersib moved from Nebraska, where he had worked for the previous 20 years, to Washington State to develop and implement a watershed-based, non-regulatory Puget Sound Wetland Restoration Program at the Department of Ecology. In 1998, he established and led an interdisciplinary technical team that developed initial methods for landscape-scale process-based characterization of Washington State river basins. For the past two years, Mr. Gersib has worked in his current position at the Department of Transportation. He received his B.S. from University of Nebraska-Kearney and has done graduate work at both the University of Nebraska-Kearney and Lincoln.

George Getsinger

George Getsinger received an M.S. in Biology (Environmental Science and Public Policy) from George Mason University. He is currently a NOAA Fisheries Ecologist responsible for consulting with federal, state and local agencies on regulatory compliance with the Clean Water Act, Rivers and Harbors Act, Magnuson Stevens Fishery Conservation and Management Act, National Environmental Policy Act, and others. The area of assigned coverage includes fifteen counties in northeast and central Florida. In this capacity, he is required to provide comment and consultation on the sequential review process, which includes review of compensatory mitigation plans necessary to offset impacts to public resources under NOAA Fisheries purview. He is a member of the Northeast Florida Mitigation Bank Review Team, an interagency team composed of federal biologist tasked with determining the appropriateness of proposed mitigation banks in the context of the watershed approach.

John Goodin

John Goodin is the Chief of the Wetlands and Aquatic Resources Regulatory Branch of the U.S. Environmental Protection Agency. In this capacity, Mr. Goodin leads the team that develops national policy regarding the protection and management of wetlands and other waters. He has worked in this program since 1990, staffing issues associated with Alaska wetlands, forested wetlands, jurisdiction, dredged material management, and a variety of other areas before assuming his current role in 1997. He received his undergraduate degree in Biology from the University of Richmond and a M.S. from the University of Western Australia.

John Hall

Dr. Hall manages the Corps' regulatory program in Florida, Puerto Rico and the U.S. Virgin Islands. He leads a staff of more than 70 individuals who process close to 8,000 permit applications annually. These applications range from minor single-family docks to complex fill proposals for residential development, major port expansion, landfills, phosphate and rock mining, and large commercial projects. Regulatory Division staff also maintain an active enforcement program for both unauthorized activities and compliance with issued permits. Prior to this position, Dr. Hall was chief of the District's North Permits Branch for two years. He also has held positions in the District as senior project manager, section chief and biologist in the Environmental Branch. In addition to these positions, Dr. Hall has worked in Washington, D.C., as a research fisheries biologist with the National Marine Fisheries Service, and chief, technical unit in the Regulatory Branch, Office of the Chief of Engineers. In

1989 and 1990, he served as acting branch chief in the regulatory branch in Washington while on a developmental assignment. He has been in his present position since September 1990.

Christopher Hamilton

Christopher Hamilton received his undergraduate degree in biology from Buffalo State College in Buffalo, New York. He has worked for the Federal government for 11 years, nine of them with U.S. Fish and Wildlife Service and two with the U.S. Army Corps of Engineers. His work experience includes seven years in habitat restoration programs, two years in wetlands regulatory programs, and two years of seasonal positions ranging from conducting sea turtle nesting surveys in Florida to mapping wetlands for the National Wetlands Inventory in Maine.

Palmer Hough

Palmer Hough is an Environmental Scientist with the U.S. Environmental Protection Agency Headquarters Office in Washington, DC. He is the agency's national lead on wetlands mitigation issues and the staff lead on the implementation of the Interagency National Wetland Mitigation Action Plan. Before coming to Washington, Mr. Hough was an Environmental Scientist in EPA's Region IV Office in Atlanta, Georgia, where he managed the agency's wetlands regulatory, enforcement, and grants responsibilities in Alabama, Mississippi, and northwest Florida. He holds a Master's degree in Botany from the University of Georgia and a B.S. in Natural Resources from the University of the South.

Suzanne Klimek

Suzanne Klimek has been working for the State of North Carolina for 16 years in several different capacities. Her experience includes revising surface water classification to apply more stringent standards to High Quality and Outstanding Resource Waters, preparation of Basinwide Water Quality Management Plans, managing a project called Watershed Education for Communities and Officials, and guiding watershed planning for the North Carolina Wetlands Restoration Program, now the Ecosystem Enhancement Program.

Molly Martindale

Molly Martindale has been a Mitigation Compliance Specialist with the San Francisco District of the U.S. Army Corps of Engineers for the last four years. Previously, she was a Regulatory Permit Manager with the San Francisco District for nine years. Ms. Martindale has served as a member of the Coordinating Committee, Design Review Group, and the Wetlands Monitoring Group for the San Francisco Wetlands Restoration

Program. She received a B.A. in English from Grinnell College and an M.A. in Ecology and Systematic Biology from San Francisco State University.

Katie McGlynn

Katie McGlynn works in the NOAA Fisheries Office of Habitat Conservation where she deals mainly with wetland and anadromous fish habitat protection issues. Before joining NOAA in December of 2003, Ms. McGlynn worked as a project manager at a consulting firm in Miami, obtaining regulatory authorizations and performing resource mapping for coastal development projects in southeastern Florida and the Caribbean. She received both her B.A. in Biology and M.A. in Energy and Environmental Analysis from Boston University.

Jeffrey Mengler

Jeffrey Mengler has worked as a biologist for the U.S. Fish and Wildlife Service, Chicago, Illinois Field Office for the last 11 years. For most of those years, he was responsible for nearly all §404, §10, NEPA, and other federal project reviews for the six-county Chicago region. This included participation in the Mitigation Banking Review Team, finalizing the Illinois statewide §404/NEPA merger agreement with FHWA, several endangered species consultations, and two Advanced Identification (ADID) studies. Currently, he provides local watershed and ecosystem partnerships with technical assistance in habitat restoration and other watershed projects. Prior to joining the FWS, he worked for a private consultant for three years on §404 delineation and permitting work. His career started as a research assistant at the Morton Arboretum where he conducted wetland research as part of the nationally-known Des Plaines River Wetland Demonstration Project. He holds a B.S. and M.S. in Biological Science from Northern Illinois University.

Alan Miller

Alan Miller graduated from the University of Georgia with a B.S. in Agronomy. His specialty is soil and water conservation. He started working with the U.S. Army Corps of Engineers in 1994. He is a senior project manager with the Savannah District Regulatory Branch's Atlanta Field Office. His duties include processing §404 permit applications for controversial and complex projects, enforcement and compliance, difficult jurisdictional determinations, development of the Districts' Mitigation SOP, and training/mentoring other team members. Mr. Miller is currently on detail at the Corps' Regulatory Headquarters. His principal project assignment is the National Mitigation Action Plan. He is also involved in research for the development of a database system for

tracking losses and gains to the aquatic resources in a watershed context on a national scale.

Steve Morris

Steve Morris has been with NOAA Fisheries since 1984. Since 1999, he has been a Senior Policy Analyst for NOAA Fisheries, Regional Ecosystem Office. His duties include coordination with regional executives on the implementation of the Northwest Forest Plan, with emphasis on implementation of the Aquatic Conservation Strategy. From 1995 until 1999, he was Chief of the Oregon Habitat Conservation Branch, a position whose duties included implementation of NMFS Habitat program, coordination of NMFS statutory responsibilities under the Clean Water Act, Federal Power Act, and Endangered Species Act within the state of Oregon; and coordination with the state of Oregon on development of various state-sponsored salmon recovery and habitat conservation strategies. He received his B.A. in Zoology from San Jose State University, CA, his M.A. in Biology from California State University Northridge, and his Ph.D. in Fisheries from Oregon State University.

Tracie Nadeau

Tracie Nadeau is an environmental scientist in the U.S. Environmental Protection Agency's Office of Wetlands, Oceans, and Watersheds. She has been in the Wetlands Division for three years, where she works on issues related to cumulative impact assessment, watershed planning, Clean Water Act jurisdiction, and the National Environmental Policy Act. An aquatic ecologist by training, Dr. Nadeau has interest and experience in both freshwater and marine systems. She received her doctoral degree from the University of Oregon's program in Ecology and Evolution, and came to EPA following a postdoctoral position in the U.S. Geological Survey's Water Resources Division.

Alyssa Olson-Callahan

Alyssa Olson-Callahan is currently a Hydrologist with Perot Systems Government Services, on contract to the NOAA Coastal Services Center in Charleston, S.C. She received an M.S. in Hydrology from New Mexico Institute of Mining and Technology in 2002, and a B.S. in Environmental Science from The Evergreen State College in 1996. Ms. Olson-Callahan has worked on a variety of problems ranging from stable isotope covariance in closed basin lakes to flow and transport away from underground nuclear test sites. More recently, she has been working on landscape characterization projects in Northern Puget Sound, and Lake St. Clair (Michigan and Ontario), and the development of a riparian landscape assessment method in Southern California.

Ken Potter

Ken Potter is a professor of Civil & Environmental Engineering at the University of Wisconsin at Madison. He received a B.S. in Geology from Louisiana State University in 1968 and a Ph.D. in Geography and Environmental Engineering from the Johns Hopkins University in 1976. His teaching and research interests are in hydrology and water resources, and include estimation of hydrological risk, especially flood risk; stormwater modeling, management and design; assessment and mitigation of human impacts on aquatic systems; restoration of aquatic systems.

Richard Prather

Richard Prather earned a B.S. in Wildlife and Fisheries Sciences from Texas A&M University in 1981. He worked for five years with the Soil Conservation Service as a Soil Conservationist and later as an area biologist. For the past 14 years, he has worked for the U.S. Environmental Protection Agency, Region VI Wetlands Program. He served for six years as the Regional Wetlands Coordinator and currently serves as the Regional Wetlands Technical Assistance Coordinator, overseeing non-regulatory program development and implementation.

Shari Schaftlein

Shari Schaftlein is the new Team Lead for Program/Policy Development in FHWA's Project Development and Environmental Review Office. For 11 years prior to that she was with the Washington State Department of Transportation Environmental Office. She served as Water Quality Program Manager, Initiatives Manager, and Deputy Director. She has developed and led watershed based mitigation strategies and permit streamlining initiatives. Ms. Schaftlein provided leadership on the AASHTO Environmental Committee, was a member of the TRB Environmental Analysis in Transportation Committee, and Served on National Research Panels addressing highway stormwater management. Internationally, she participated in the European Recycling in Highway Environment Tour and served as the U.S. representative and secretariat for the World Road Association's Committee on Sustainable Development. Prior to WSDOT, she directed the West Michigan Environmental Action Council's Water Quality Program and also managed environmental programs for the Quileute Tribe in La Push, WA. Her degrees include a B.S. and M.S. in Environmental Science from Indiana University.

Frank Smigelski

Frank Smigelski received a B.S. in Biology from Roanoke College in 1985 and an M.S. in Engineering from University of Massachusetts at Lowell in 1992. From 1987 to 1996, he worked for the U.S. Army Corps of Engineers, New England Division, Regulatory Branch. From 1991 to 1996, he managed the Corps' Wetlands Mitigation Program. From 1996 to 2003, he worked as an Environmental Specialist for the FAA's Airports Division in New England Region and at the Washington Airports District Office. Since January 2004, he has been an Environmental Specialist for the FAA Airports Community and Environmental Needs Division at Washington Headquarters.

Meg Smith

Meg Smith is a policy analyst with the U.S. Army Corps of Engineers Institute for Water Resources. She has worked as a regulator in the Baltimore District and as an environmental consultant for a private firm. She has 12 years of experience working in the regulatory program. Ms. Smith regularly advises Corps headquarters on complex and controversial issues and is a member of the Mitigation Action Plan interagency team developing guidance to improve compensatory mitigation. She received her Master degree in Environmental Resource Policy from George Washington University.

R. Daniel Smith

R. Daniel Smith is a Research Ecologist with the Waterways Experiment Station's Environmental Lab. He specializes in plant community and wetland ecology, ecosystem assessment/restoration, and applied ecology. Over the past 15 years he has worked extensively in forested floodplains of the southeast and riparian ecosystems in the west developing methods for assessing and restoring wetlands from the site specific to watershed spatial scales. He is responsible for the initial conceptualization and development of the Hydrogeomorphic (HGM) Approach, and continues to be involved with its evolution and implementation through the development of regional guidebooks in the various regions of the country. Currently, he is developing methods for assessing and restoring riparian ecosystems in a watershed context. He conducts workshops, training courses, and seminars on wetland assessment for federal and state agencies and the private sector, and provides technical assistance to Corps Districts on a variety of assessment, restoration, and other issues related to wetlands. He is the author, or co-author of more than 40 peer-reviewed journal articles, book chapters, and technical reports.

Cara Stallman

Cara Stallman was born and raised in Tivoli, New York (located in the Hudson Valley). She obtained her B.S. from The Evergreen State College in Olympia, Washington in 1993. After living in Brazil for several years, she received her M.S. from the University of Florida, Department of Environmental Engineering, Center for Wetlands in wetland and aquatic resource management. She has been working for the Baldwin County Commission since June of 2000. During this time, she has spearheaded local wetland protection efforts in a fast-growing coastal county with very little state oversight.

Susan-Marie Stedman

Susan-Marie Stedman is the Wetland Team Leader for the Office of Habitat Conservation in NOAA Fisheries' headquarters office in Silver Spring, Maryland. Over the past 20 years she has worked as a wetland consultant based in New York and as a wetland specialist for USDA and NOAA. As the NOAA staff representative to the White House Wetlands Working Group and its more recent incarnation, the White House Wetlands Coordination Group, she co-authored the 1995 Interagency Guidance on Mitigation Banking and the 1999 Interagency Guidance on In-Lieu-Fee Mitigation. Currently she is working with other federal agency staff to develop guidance pursuant to the National Wetlands Mitigation Action Plan.

Eric Stein

Eric Stein is a biologist and environmental scientist with expertise in functional assessment of aquatic ecosystems, cumulative impact assessment, and watershed analysis. Dr. Stein is currently a principal scientist at the Southern California Coastal Water Research Project (SCCWRP), where he is head of the Watershed Department. He oversees a variety of projects related to development of monitoring and assessment methods, stormwater and mass emissions monitoring, remote sensing, and watershed and water quality model development. Prior to joining SCCWRP, Dr. Stein spent six years as a Senior Project Manager with the Regulatory Branch of the Los Angeles District office of the U.S. Army Corps of Engineers, and four years with a private consulting firm.

Robert Stetler

Bob Stetler received his M.S. in freshwater fisheries from the University of Florida in 1979. His past work experience has included positions as a biologist and Environmental Supervisor at the Florida Department of Environmental Protection and an Administrator of a district dredge and fill program, dealing with marine and

freshwater wetland permitting, compliance, enforcement, mitigation, expert witness, stormwater, water quality, freshwater and marine resource assessment, wetland restoration, wetland delineation, and mapping. Currently, he is Interagency Coordinator at the Hillsborough County Environmental Protection Commission. He is involved with wetland restoration; wetland mitigation; water quality; benthic habitat assessment; watershed working committees dealing with issues such as wetland restoration, minimum flows and levels (rivers and lakes); and shipping port issues including hazardous waste, brownfields, dredging, wetland mitigation, and stormwater.

Mark Sudol

Mark Sudol is the Chief of the U.S. Army Corps of Engineers Headquarters Regulatory Branch. From 1992 to 1997, he was a Permit Evaluator in the Corps' Los Angeles District and 2000-2002, he served as the Chief of Regulatory in the Los Angeles District. From 1997 to 2000, he served as a wetland consultant. Mr. Sudol earned his B.A. in Biology from the University of Rochester in 1980 and his M.A. in Biology (Marine Ecology) from UCLA in 1990. In 1997, he earned a D.Env. in Environmental Science and Engineering from UCLA.

Richard Sumner

Richard Sumner is the Regional Liaison for the U.S. Environmental Protection Agency's National Wetlands Program. He works at EPA's Ecology Laboratory in Corvallis, Oregon on behalf of the 10 EPA Regional Offices and for the Agency's Office of Water. Rich has served the Agency's wetlands program for over 25 years. He spent 11 years in Philadelphia and Anchorage managing wetlands regulatory issues and NEPA/EIS related projects. For the last 15 years he has worked from Corvallis to expand the role that science plays in wetlands and watershed management at all levels of government. This technology transfer is accomplished through the production of EPA-sponsored collaborative science projects, including wetland monitoring and assessment. He holds degrees in geology and environmental science.

Billy Teels

Billy Teels is currently the Director of NRCS' Wetland Science Institute. He was formerly NRCS National Biologist. Mr. Teels was involved in the implementation of "Swampbuster" and the Wetlands Reserve Program. He worked on the 1993 White House Office of Environmental Policy Comprehensive Wetlands Plan.

Ralph Tiner

Ralph Tiner is Regional Wetland Coordinator for the U.S. Fish and Wildlife Service's National Wetlands Inventory, Northeast Region. He has over 30 years of experience in wetland mapping, identification, and evaluation. He has written extensively with over 100 publications, including many reports on wetland status and trends and several books on wetlands including five field guides to wetland identification. For the past eight years, he has been using remote sensing and map interpretation to produce preliminary assessments of wetlands and to characterize the status of natural habitats for selected watersheds in the Northeastern U.S.

Katherine Trott

Katherine Trott has B.S. and M.S. degrees in Biology. She is a Professional Wetland Scientist with the Society of Wetland Scientists. She has been with the Federal government for 19 years, 16 of which have been with the Regulatory Branch of the U.S. Army Corps of Engineers, including three years at Headquarters. She has worked in Florida, North Carolina, Minnesota, and Utah. Her main areas of responsibility deal with surface coal mining (including cumulative impacts) and technical issues related to wetland and stream delineation and functional assessment.

Eric Wold

Eric Wold is the Wetlands Program Supervisor for the City of Eugene. In this capacity, he works with the partner agencies in the West Eugene Wetlands Partnership to manage 3,000 acres of protected wetlands and associated uplands in western Eugene. One of his major responsibilities is to manage a wetland mitigation bank, which has funded the enhancement or restoration of hundreds of acres of wetlands. Mr. Wold received a B.S. in Biology from Lewis and Clark College and an M.S. in Ecology and Evolutionary Biology from the University of Missouri-St. Louis. He has additional graduate work in entomology from Oregon State University. Prior to becoming the Wetlands Program Supervisor, Mr. Wold worked as an Agroforestry Extension Agent in the Dominican Republic, a Wildlife Biologist on the Willamette National Forest, and as a Natural Resources Planner with the City of Eugene. He is a certified Ecologist by the Ecological Society of America.

Environmental Law Institute Staff

Zachary Lamb

Zachary Lamb is a Research Associate at the Environmental Law Institute in Washington, D.C. He received a B.A. from Williams College in 2002. While at ELI, Mr. Lamb has researched and written on wetlands policy, indoor air quality, indigenous mapping projects, and high performance school building policy. Prior to coming to ELI, his research and writing included work on environmental impacts of port expansion and marshland development in his native coastal Georgia and sustainability and traditional architecture in South Asia.

Roxanne Thomas

Roxanne Thomas is a Science and Policy Analyst at the Environmental Law Institute, working in wetland-related issues at both the state and national level. Prior to coming to ELI, Ms. Thomas worked in numerous areas of

environmental policy, including climate change and developing countries, economic valuation of recreation in the nation's parks and forests, and solid waste disposal in North Carolina. She holds a Master of Environmental Management in Resource Economics and Policy from Duke University and a B.S. in Atmospheric and Environmental Science from McGill University.

Jessica Wilkinson

Jessica Wilkinson is a Senior Science and Policy Analyst and Director of the State Biodiversity and Wetlands Programs at the Environmental Law Institute in Washington, DC. She holds a Masters degree from Yale University, School of Forestry and Environmental Studies and a B.A. in Environmental Science from Barnard College, Columbia University. Ms. Wilkinson has authored numerous publications on state biodiversity conservation, wetlands policy, and forest conservation. She is based in Pennington, New Jersey.