

## PRESENTERS - BIOGRAPHICAL SKETCHES

**Bill Abadie** is currently the Environmental Team Leader for the U.S. Army Corps of Engineers, Baltimore District's Planning Division, Civil Project Development Branch. He has an MS in Biology (plant ecology) from the University of Alaska Anchorage and a BS in Biology Stephen F. Austin State University. He oversees NEPA and other environmental issues for Corps' Civil Works projects. He has been a biologist with the Corps for almost 12 years, where he has worked on Continuing Authority, General Investigations, and Formerly Used Defense Sites projects. Most of his professional experience has been in Alaska with extensive work in wetlands and environmental laws and regulations.

**Dan Abecassis**, Jacksonville District, Planning Division, Plan Formulation Branch, Coastal Navigation Section, Interdisciplinary Economist. Planning Technical Leader for Navigation, Storm Damage Reduction, and Ecosystem Restoration (Section 1135) studies. He has worked at Jacksonville District for 2 years. He is participating in the FY04 Planning Associates Program. Previously, Dan was an Economist at Philadelphia District from 1988 to 2002, where he performed economic analysis for Flood Control, Storm Damage Reduction, and Navigation Studies.

**Jeff Adkins** is an economist with NOAA's Coastal Services Center in Charleston, South Carolina. He manages the development of a variety of environmental characterizations and other information resources that are distributed on CD-ROM or as Internet Web sites. These interdisciplinary products are designed to support the management of resources in coastal regions, integrating ecological and socioeconomic information to describe the physical environment and human and biological communities. In addition, most of the characterizations include remotely sensed and other spatial data, and GIS-based decision support tools. Before coming to NOAA in 2001, he worked for over 20 years as an economist and planning chief for the US Army Corps of Engineers. He and his wife of 22 years have five children.

**Steve Ailstock** received his Masters of Science degree from Louisiana State University in Plant Physiology and Ph.D. from University of Maryland College Park in Plant Ecology. He has served as the Director of the Anne Arundel Community College Environmental Center for the past 15 years. In this capacity, he has conducted numerous projects including underwater, tidal and nontidal wetlands creation for habitat improvement, shoreline stabilization, stormwater management, and industrial effluent treatment. For the past ten years he has conducted research on the control of invasive plants for local, state, and federal governments, businesses and industries. He is currently working with the DOD to develop invasive plant control strategies for DOD installations and with NOAA to devise an aquaculture system for seed production of submersed aquatic grasses. Dr. Ailstock's research projects have garnered several national awards and in 1999 the Maryland Association of Higher Education named him College Professor of the Year.

**Gwendolyn Albert** is the Southwestern Division Continuing Authority Program Manager. She earned a Bachelors of Science Degree in Chemistry in 1971 from Southern University and a Masters of Science Degree in Environmental Engineering from Stanford University in 1972. Her government career began in June 1972 with Region VI of Environmental Protection Agency (EPA). At EPA, she worked in the areas of water supply and wastewater pollution control. In 1974, she began her tenure with the Corps where she has worked in the Planning Division, Environmental Resources Branch, and in Programs Division. Since 1994, she has managed the multi-million dollar Continuing Authority Program (CAP) for the Southwestern Division.

**Lillian Almodóvar** is an Economist at the Planning Community of Practice, Headquarters, US Army Corps of Engineers. Ms Almodóvar holds a B.A. in Economics and an M.A. in Economic and Urban Planning. She is a graduate of the Department of Defense Executive Leadership Development Program. At Headquarters, Ms Almodóvar is responsible for the development of policy and methodologies for the formulation and evaluation of water resources projects.

**Dick Ash** is an Operations Research Analyst for the LRD Navigation Planning Center, Huntington District, USACE. He manages databases used in navigation planning; created and maintains the Navigation Outreach web site and the data products used for other outreach efforts; and supports the Waterborne Commerce Data Collection unit. Mr. Ash has worked on various navigation studies, including the Lower Tennessee and Cumberland Rivers Traffic Management Study and Kanawha River Navigation Study. He holds a B.S. in Computer Science from Denison University, Granville OH (1978). He is married to Robin Ash, a database administrator in Programs and Project Management Division in the Huntington District.

**William G. Bailey** is the Savannah District's technical expert on NEPA and other environmental matters. He is a physical scientist with BS degrees in biology from SUNY, College of environmental Science and Forestry and in Forestry from Syracuse University. He has a MS in Civil Engineering from North Carolina State University. For two years he worked as a Chemical Analyst with the NC Department of Natural Resources and Community Development. He has been a member of the Planning Division of Savannah District for 23 years.

**Kenneth A. Barr** has been with the Rock Island District Corps of Engineers Rock Island Illinois for 19 years. He is the Chief of the Economics and Environmental Analysis Branch and Is the Technical Manager for the Environmental component of the Upper Mississippi River- Illinois Waterway System Navigation Study.

**Robert B. Barron** is Program Manager, Regulatory Division, U.S. Army Corps of Engineers, Jacksonville District. Bob has been with the Jacksonville District for 13 years, after serving active duty with the U.S. Navy Civil Engineer Corps at various locations. He is assigned several programmatic initiatives, including wetland mitigation assessments and efforts to more formally incorporate watershed perspective in the Corps reviews. He has been the project manager for a wide variety and sizes of projects, including single-family projects in the Keys, a permit for the construction of 40,000 acres of marshes to treat runoff before entering the Everglades, a permit for a new university campus, and permits for 5,000 acres of mining. He received a B.S. Architectural Engineering from the University of Texas and a M. Civil Engineering from University Florida.

**David F. Bastian**, Senior Advisor, Dawson & Associates, retired from the Corps after 38 years of Corps and State Department experience in water resources. While with the Corps he served seven years in technical and policy review for HQUSACE and now works with several districts writing their reports, performing ITR and "bulletproofing" their reports. He co-authored the Plan Formulation Workshop Manual and Small Boat Harbor Manual and served as on the External Independent Technical Review Team for the Delaware River Deepening Study. He also works as a lobbyist on groundwater and contaminated sediment cleanup projects. His professional interest is helping Corps districts get their decision documents through the system.

**Kathleen M. Bergmann** works for the Los Angeles District in Water Resources Planning out of the Phoenix Office. She is a Physical Sciences Study Manager with 5 years of experience in planning. She has a B.S in Physical Geography from Arizona State University, and is currently working on her Masters. Her areas of professional interest are in planning, geomorphology of arid rivers and deserts, and in geographic information systems (GIS).

**Stacey Sloan Blersch** is a civil engineer with the US Army Corps of Engineers Baltimore District. She holds a BS in Mechanical Engineering from University of Notre Dame and an MS in Environmental Science from Johns Hopkins University. She has worked in the environmental engineering field for over 11 years both in the private and public sectors-- the past 2 with the Baltimore District Planning Division as a project manager and study team lead on CAP and GI studies. Her current interests are ecological restoration and watershed planning, with an emphasis on methods for modeling and monitoring these efforts to ensure they meet their objective of restoring aquatic ecosystems.

**Kevin W. Bluhm** currently serves as Unit Leader for Economics Unit and Public Involvement Team Leader for UMR-IWWS Navigation Study in the St. Paul District. The duties of unit leader of the economics unit were added to the PI duties for the Navigation Study. Kevin oversees the economic, social, and public involvement workload for the district. He has built a contracting network for economic/GIS data collection, social acceptability/values interviews, and public involvement programs. College life and degree from the University of Wisconsin with a B.S., Agricultural Economics, Minor in Journalism.

**Lisa Bourget** is Executive Secretary of the U.S. Section, International Joint Commission. She previously worked as Engineering Advisor to the U.S. Section, IJC.

**Dr. Todd S. Bridges** is the Director of the Center for Contaminated Sediments (CCS) at the U.S. Army Engineer Research and Development Center, where he has been a research scientist since 1992. His primary areas of research activity concern the bioavailability and toxicology of sediment-associated contaminants and the development of methods and models for use in risk assessment. He currently chairs international working groups within the Scientific Group of the London Convention and the International Navigation Association that are tasked with crafting guidance for assessing contaminated sediments. Dr. Bridges is an editor for Integrated Environmental Assessment and Management, a new journal being published by the Society of Environmental Toxicology and Chemistry (SETAC). In his current position as Director of the CCS, Dr. Bridges works to advance the development of innovative technologies and sound policy, regulation, and guidance concerned with contaminated sediment. He received his B.A. (1985) and M.A. (1988) in Biology/Zoology from California State University, Fresno and his Ph.D. (1992) in Biological Oceanography at North Carolina State University.

**Jonathan Brown** currently serves as Regional Technical Specialist in Great Lakes Navigation Economics. He has 27 years of experience as a Regional Economist with Buffalo District including three years overseas in Pacific Ocean Division. He has been selected as U.S. technical lead for Recreational Boating and Related Tourism Work Group on the \$20 M, five year- International Joint Commission's bi-national Lake Ontario - St. Lawrence River Criterion Review study. He received a Commander's commendation and Achievement Medal for Civilian Service for developing the methodology and work plan for Recreational Boating Interests portion of the IJC Plan of Study for Criterion Review

**Kelly A. Burks-Copes** received her B.S. from the University of New Mexico in Biology in 1991, and her M.S. in Biology, from New Mexico State University in 1993. For the last 10 years, she has worked as a Ecologist for the U S Army Corps of Engineers, and has focused on habitat evaluation and functional wetland assessment methods and models across the nation. She has developed several computer software tools that are used in many ongoing project assessments (EXHEP: Expert Habitat Evaluation Procedures; EXHGM: Expert Hydrogeomorphic Model) and ecosystem level approaches. She is the senior PI on five GI level ecosystem restoration studies in Arizona, two studies in Illinois, and is lead in the development of RIBITS: Regional Internet Bank Information Tracking System for the Mobile District and the EPA Region IV. She teaches habitat evaluation and project planning in the USACE Proponent-Sponsored Engineer Corps Training (PROSPECT) series and conducts software training and sampling techniques training several times over the course of each year.

**Wesley Bushnell** is an economist with the Savannah District of the US Army Corps of Engineers. He holds a Bachelor of Science degree in Economics from the University of Texas at Arlington, Texas and a Masters degree in Applied Economics from the University of North Texas. He is a member of the National Association of Business Economics, the Dallas Economists Club and the Institute of Management Accountants.

**Larry S. Buss** is currently Chief of Hydrologic Engineering Branch, Omaha District, and Corps of Engineers. He has over 33 years experiences with the Corps of Engineers all in Water Resources. Mr. Buss is also Chair of the Corps of Engineers National Nonstructural Flood/Proofing Committee. This committee promotes the development, implementation, and proper use of non-structural flood mitigation techniques and provides a source of expertise in the use of non-structural techniques. Mr. Buss is a member of the Association of State Flood Plain Managers. Mr. Buss has a Bachelor of Science Degree in Agricultural Engineering from Iowa State University and a Master of Science Degree in Civil Engineering from the University of Nebraska. He is a Registered Professional Engineer and a licensed real estate broker in the State of Iowa. He is also a Certified Flood Plain Manager.

**Dr. Larry Bray** is a navigation economist with the Tennessee Valley Authority, having been with the Agency for 28 years. He received his Master of Arts in economics from East Tennessee State University and Doctor of Philosophy from the University of Tennessee in economics with a concentration in econometrics. He worked in the Oak Ridge National Laboratory's Energy Division in the early 1970s. His work areas at TVA have included economic development, and over the last 15 years, navigation development. His areas of interest are feasibility studies for capital and operation and maintenance expenditures, lock efficiency, reservoir operations, and water use generally. Throughout his work in navigation development he has served as a transportation consultant to the U. S. Army Corps of Engineers on a variety of projects both on the Tennessee River and throughout the inland river system. He is also active in the Inland Water Transportation committee of the Transportation Research Board.

**Andrea K. Catanzaro** received her B.S. from Texas A&M University in Marine Biology in 1990, and her M.S. in Rangeland Ecology and Management, from Texas A&M University in 1998. For the last 10 years, she has worked as a Biologist for the U.S. Army Corps of Engineers, Galveston District, in the Planning, Environmental and Regulatory Division, focusing on NEPA evaluation and compliance. She is the Environmental Lead for the Clear Creek Flood Damage Reduction and Ecosystem Restoration study.

**Larry Canter, Ph.D.**, is Professor Emeritus at University of Oklahoma

**Hal Cardwell** works for the Institute for Water Resources in Alexandria, Virginia.

**David Carney** is Chief, Environmental Planning and Compliance Branch in the New Orleans District. He has a BS in Wildlife Management; University of Maine, 1971 and an MS Wildlife Management; Louisiana State University, 1977. He completed the Planning Associates Program in 1986, and has previous Corps experience in the New England Division as a Biologist/NEPA Specialist (2 years) and the New Orleans District as a Biologist/NEPA Specialist; Study Manager; Supervisor/NEPA (25 years).

**Bruce D. Carlson** is a senior economist with the Corps of Engineers. He has over 20 years with the Corps, working in Headquarters, the Institute for Water Resources, and the St. Paul District. He is Chair of the 2004 Economics and Environment Conference, and was co-chair of the 2002 E & E Conference.

**Wen-Huei Chang, PhD** is an economist working for ERDC.

**Monica A. Chasten** is a Hydraulic Engineer specializing in coastal engineering with the U.S. Army Corps of Engineers, Philadelphia District, Hydrology and Hydraulics Branch. Ms. Chasten is currently detailed as a Project Manager for two beach nourishment projects in the Civil Project Management Section of Engineering Division. She is also extensively involved with the District's Coastal Project Monitoring Program and Regional Sediment Management demonstration project. She started her career at the Philadelphia District as an engineering trainee from 1983 to 1987. Prior to returning to the District in 1993, she worked from 1989 to 1993 at the U.S. Army Engineer Waterways Experiment Station, Coastal Engineering Research Center where she specialized in detached breakwaters, small boat harbors and tidal inlets. Ms. Chasten received a B.S. in Civil Engineering from Drexel University in 1987 and an M.S. in Hydraulic and Coastal Engineering from Lehigh University in 1989.

**Rosemary E. Cohen** is an economist with the Wilmington District of the US Army Corps of Engineers. She has an economics degree from the University of North Carolina at Wilmington. Has experience in economic analyses pertaining to beach nourishment and flood damage reduction.

**Dr. Richard A. Cole** is an IWR ecologist who studies policy and planning issues pertaining to ecosystem restoration, endangered species, environmental sustainability and integrated water resources management, among other things.

**Steven R. Cone** is an Economist and Policy Advisor. 29 years with Corps in Planning and Policy. 1974-1989 Tulsa District; 1989-Present in HQ. He is currently senior policy advisor for the Office of Water Project Review, specializing in economics, plan formulation and cost-sharing. The Office manages Washington Level Review of pre-authorization reports, and participates in review of post-authorization documents and cooperative agreements. Areas of specialized expertise: Water Supply Authorities and Policies, Hydropower Evaluations, General Plan Formulation, and Cost-Allocation and Cost-Sharing; Policy and Economic Advisor to a slew of lawyers; and Grandfather of four.

**Jock Conyngham** is a research ecologist for ERDC's Environmental Laboratory. His specialties include hydrologically and geomorphically based restoration of rural and urban rivers, riparian zones, and aquatic populations. He is Principal Investigator and co-PI on current EMRRP and WRAP work units on dam removal in ERDC. Prior to coming to ERDC two years ago, Jock was Director of Watershed Assessment and Geomorphic Restoration for the national office of Trout Unlimited, where he worked for nine years.

**Wayne Crull, P.E.** is a senior planning manager for the Harris County Flood Control District (the District). He obtained a Bachelors of Science in Civil Engineer in 1990 from the University of Houston while serving in the United States Marine Corps Reserve and a Masters of Science in Civil Engineering from the University of Houston (1995). His first job after getting his Bachelors was working in the Corps of Engineers, Galveston District, Engineering Division, Hydrology and Hydraulics Branch using ACES to perform wave run up calculations for a shallow draft navigation project. In 1996 he joined the Harris County Flood Control District's Planning Department where he has worked on a variety of projects in addition to being a local sponsor representative on Corps led projects. For the last two and half years he has been the project manager for the District's local sponsor led federal flood damage reduction projects.

**T. Randall Curlee** is a Distinguished R&D Staff Member and Leader of the Economics and Social Sciences Group at Oak Ridge National Laboratory (ORNL). During the past decade, Curlee has led the development of the Ohio River Navigation Investment Model (ORNIM) in collaboration with the Great Lakes and Ohio River Division (LRD) of the Army Corps of Engineers. Curlee's ORNL Team also constructed the Maritime Input-Output Model for LRD, reengineered LRD's Coal Model, and is integrating ORNIM with the Navigation Predictive Analysis Technique (NAVPAT) Model. Curlee is currently leading the application of the Tow Cost Model to the restructured Upper Mississippi River-Illinois Waterway Navigation Study for the Mississippi Valley Division of the Corps. In recent years, Curlee has presented ORNIM and addressed navigation issues at major conferences in the United States and Europe. Curlee's other recent works address the value of public transit, the economic viability of advanced transportation materials, life cycle analysis, and the nexus between water resources and energy security. Curlee received his Ph.D. in Economics from Purdue University. He is the author of three books, more than 50 journal articles, and more than 100 other publications. Curlee has testified before subcommittees of both the U.S. Senate and House on transportation and other policy issues. Curlee serves as an Adjunct Professor of Economics at the University of Tennessee and lives in Knoxville.

**Mr. Carlton Daniel** is a Computer Scientist for the Geospatial Applications Branch of the U.S. Army Engineer, Research and Development Center, Topographic Engineering Center in Alexandria, Virginia. He has been investigating remote sensing technology for the past 7 years and has worked on several projects involving LiDAR and IFSAR collections and evaluations. He has worked with the Federal Emergency Management Agency on a multi year basis to develop standards and specifications for LiDAR collections to support the congressional mandated Map Modernization Program. He is a member of the American Statistical and Military Operations Research Societies, and is currently serving a two-year term as the Secretariat to the International Society of Photogrammetry and Remote Sensing Technical Commission's working group "Systems for IFSAR and LiDAR Processing". He has been sought out as an invited speaker to the International LiDAR Mapping Forum to address emerging DoD LiDAR applications, the American Society of Photogrammetry and Remote Sensing workshop titled "Research and Applications in LiDAR Technology", and the National Institute of Standards and Technology workshop to address the establishment of a Laser Distance and Ranging test facility. He received his B.A. degree in Economics with a minor in Statistics from the Virginia Polytechnic Institute and State University.

**Stuart Davis** is an economist and planner at the U.S. Army Corps of Engineers, Institute for Water Resources. He is the principal investigator for the Flood Damage Data Collection Program. He oversees the collection and analysis of post-flood data from interviews with residential and business flood victims across the United States. He also is the principal investigator for the Nonstructural Research Program under the TOWNS research program, which involves the formulation and evaluation of permanent floodplain evacuation, floodproofing, and flood warning projects. He has overseen and conducted research on the economic analysis of flood warning and preparedness systems. Mr. Davis is also an advisor to the Corps of Engineers National Nonstructural and Flood Proofing Committee.

**Ed Dickey** retired as Chief of Planning in 1998. He served as a Deputy Assistant Secretary of the Army for 11 years and spent two years as the Acting Assistant Secretary of the Army for Civil Works. He has a BA in political economy from Johns Hopkins University and a MA and PhD in economics from Northwestern University. Presently, he works as a consultant to public and private entities interested in water resources development; he is a Senior Advisor at Dawson & Associates, a Washington-based government relations firm specializing in Civil Works matters, and he is Adjunct Professor of Economics at the Sellinger School of Business and Management at Loyola College in Maryland.

**Chris Dunn** is the Chief of the Water Resource Systems Division at the U.S. Army Corps of Engineers' Hydrologic Engineering Center. He holds a BS and MS degree from The Pennsylvania State University. He has been practicing Hydraulic Engineering for 18 years with the last five at HEC. His current interests include the development and integration of hydrologic, hydraulic, ecosystem restoration, flood damage, and GIS tools to perform watershed studies.

**Ms. Susan Durden** currently works as a senior economist with the Corps' Institute for Water Resources. She has degrees in economics and education with extensive post-graduate training in strategic planning, conflict resolution, environmental issue resolution and communications. Major technical interests include: monetization of environmental benefits, models as tools in decision making, communicating science to the public and working with non-traditional customers. Ms. Durden serves as a mentor to other employees and works with several organizations to promote interest in science and math among girls.

**Timothy D. Feather** is a Principal with CDM Federal Programs Corporation, Carbondale, Illinois. Tim has developed and applied participatory planning procedures that surface the strategic balance between growth and the environment in several locations in the U.S. and Florida. As part of the Corps of Engineers Evaluation of Environmental Investments Research Program, he has researched methods for monetary and non-monetary valuation of environmental project features and developed an overall evaluation framework for environmental plan formulation. Tim has 15 years professional experience and earned a PhD in Geography and Environmental Engineering from the University of Florida in 1992.

**Steve Fitzgerald, P.E.** is the Chief Engineer for the Harris County Flood Control District. He received a Bachelor of Science in Civil Engineering from Stanford University in 1977 and a Masters in Civil Engineering from the University of Illinois at Urbana-Champaign in 1979. He worked at Turner Collie and Braden, Inc. for 2 years. Since joining the Harris County Flood Control District in 1981, he has held several positions - watershed coordinator, Watershed Coordination Department Manager, and Capital Improvements Department Manager. In 1997, he was promoted to his current position, Chief Engineer. One of his primary responsibilities is program manager for all Corps of Engineers projects.

**Bill Frechione** is a 27-year veteran who has worked on a large number of inland navigation studies during his career with the Galveston, Huntington, and Pittsburgh Districts. In Huntington, he was a member of the Navigation Planning Center, which is responsible for performing navigation studies at all navigation projects on the Ohio River and its tributaries. As a member of the Nav Center, Bill's responsibilities included developing system-wide traffic forecasts and the data needed to estimate traffic-delay relationships at the projects. The projects he was involved in include Byrd Locks and Dam, the Lower Mon navigation projects, and a host of others projects. Many of these projects were approved and constructed, with others still under construction or in the design stage. Others studies resulted in recommendations of non-structural measures, such as automation and remote operation of locks. These include the Upper Mon River projects and the Allegheny River projects. Bill still works closely with the Nav Center, which was designated as a national center of expertise last year. Bill was recently designated as a Regional Technical Specialist in the are of Inland Navigation economics.

**Jim Fredericks** is an economist with the Northwestern Division in Portland, Oregon.

**Rich Fristik** is an Environmental Planner in the Decision Methodologies Division, Institute for Water Resources. From 1991 to 2002, he was a biologist and team leader in the Economics and Environmental Analysis Branch, Rock Island District. Mr. Fristik holds a B.S. In Wildlife and Fisheries Sciences, and a M.S. in Wildlife Management.

**Timothy K. George** obtained his B.S. in Biological Sciences from Western Illinois University in 1975, and his M.S. in Ecology, Ethology, and Evolution from the University of Illinois at Urbana-Champaign in 1977. He has worked for the U.S. Army Corps of Engineers, St. Louis District, for over 20 years, and since 1990 he has focused as an ecologist on the planning and design of water resource projects involving environmental and ecological problems. Tim has served as lead biologist on numerous Corps-led interagency Habitat Rehabilitation and Enhancement Projects under the Upper Mississippi River System Environmental Management Program. He also served as head of an interagency team of biologists in the planning, formulation, and evaluation of the East St. Louis and Vicinity, Illinois, Ecosystem Restoration and Flood Damage Reduction Project. Tim has a strong interest in computer software tools used for habitat evaluation in restoration studies, and the use of geographic information systems for project planning and impact assessment.

**Dennis Giba** has been a planner economist in the Chicago District for 27 years. His experience is especially strong in the urban flood damage impacts specialties having contributed largely to the Chicagoland Underflow Plan FDR project, the Chicago Shoreline Storm flooding project, and the DesPlaines River FDR evaluations. He has assisted FDR evaluation efforts in impact analysis for St. Paul, Detroit, and Louisville Districts, and served on Corps supporting efforts for FEMA in flood disaster response teams.

**Dr. Dave Goshorn** is a Maryland native. He received a Bachelors degree in Biology in 1984 from Bucknell University in Lewisburg, Pa. He earned a Ph.D. in Marine Biology in 1989 at the University of Delaware College of Marine Studies. He spent the next three years at the University of Georgia Marine Institute on Sapelo Island, Ga. as a post-doctoral faculty member conducting research on juvenile flounders and drums. In 1992, Dave came to work for the Maryland DNR Fisheries Service in the Striped Bass Project. Since 1995, Dave has been the Living Resource Assessment Program Chief in DNR's Resource Assessment Service where he has been responsible for Submerged Aquatic Vegetation restoration, fish community assessments, Coastal Bays monitoring, and harmful algal bloom response.

**W. Vern Gwin** is the Project Manager for the Beneficial Uses of Dredged Material and the Regional Sediment Management Programs in Operations Division for the Mobile District US Army Corps of Engineers. Prior to this assignment, Vern worked in Programs and Project Management Division as a Civil Works project manager. His project manager duties included deep draft harbor, hurricane and storm damage reduction, flood control, hydropower, and environmental restoration projects. In addition, Vern served for 10 years as a study manager/senior planner in the Jacksonville District Plan Formulation Branch in Planning Division. During this period, he worked on a variety of water resource and ecosystem restoration projects throughout Florida, Puerto Rico and the US Virgin Islands. Vern started his career with the Jacksonville District in 1989 following his graduation from the University of Tennessee with a B.S. in Civil Engineering.

**John R. Hall** is Chief, Regulatory Division, U. S. Army Corps of Engineers, Jacksonville District. John received PhD from UNC, Chapel Hill in 1971, and then worked as an assistant and then associate professor in the University of Georgia system. Eschewing academia for intellectual reasons, he went to work for the Corps in the late 1970s, working in Jacksonville and Washington DC both for NMFS and the Corps, returning to Jacksonville in 1984. He returned to DC in 1989 for a temporary assignment as Chief, Regulatory Branch, Civil Works Directorate. He saw the light and returned to Jacksonville, serving as Chief since 1991.

**Brian Harper** is an economist with the Alaska District.

**Robert W. Heinly** received a B.S. in Marine Biology in 1986 and M.S. in Wildlife and Fisheries Sciences in 1990, both from Texas A&M University. He began working with the Galveston District Corps of Engineers in 1991 as a Project Manager in the Regulatory Branch. In 2000, he moved to the Planning Section of the Corps and began working with Project Delivery Teams as a Planning Lead on Federal projects. He has experience in navigation, flood damage reduction, and ecosystem restoration projects. Robert also acts as the Water Resources Technical Specialist for the Galveston District. This involves working with other Corps Districts throughout the nation, assisting through the performance of independent technical review on studies performed by those Districts.

**Shana Heisey-Olig** has been working as an Economist with the Institute for Water Resources for the last three years. Her work focuses on modeling, including the navigation model HarborSym and the ecosystem restoration cost effectiveness model, IWR-PLAN. Prior to working at the Institute, she spent a year and a half with the Norfolk District. Her Bachelors Degree is from the University of California, Davis and she expects to complete a Masters Degree in Economics at George Washington University this fall.

**Jim Henderson** is a Research Biologist with the Environmental Laboratory, U.S. Army Engineer Research and Development Center. He has a BS in Biology and a MA in Environmental Planning and 24 years of experience. His areas of professional interest include evaluation of environmental impacts and economic evaluation.

**John Hickey, P.E.**, is a Hydraulic Engineer with the Hydrologic Engineering Center (HEC) of the Corps of Engineers. He has worked at HEC for three years, with Sacramento District's Water Management Section for three more, and is currently on assignment as a Biohydrologist with the Sustainable Rivers Project, which is a joint effort between the Corps and The Nature Conservancy. His technical interests include reservoir systems analysis, water resource planning, fishery and aquatic habitat modeling, environmental economics, flood hydrology, and riparian ecology. He has a BS in Environmental Resource and Forest Engineering from the College of Environmental Science and Forestry (ESF), Syracuse, NY, 1995 and a MS in Hydrologic Science and Engineering from Colorado State University, Fort Collins, CO, 1998.

**Keith Hofseth** is a senior economist at the Institute for Water Resources. He has been at IWR for 8 years. Mr. Hofseth started with the Corps in the Seattle district. Served as the Chief Economist for the Alaska district and is a graduate of the Corps Planners Associate program. Mr. Hofseth holds a B.S. degree in Finance and Economics from the University of Montana and an M.A. degree in Applied Economics from Johns Hopkins University.

**William C. Holliday** is a retired Corps of Engineers employee and is currently a consultant in water resources planning and management. Prior to becoming a consultant, he served as Senior Policy Analyst for the Institute for Water Resources from 1991 to 1998. Prior to 1991, Mr. Holliday served seven years in the Central Planning Management Branch of Planning Division at the Headquarters office including the last five years as Branch Chief. Before moving to Headquarters he served 19 years in the Corps' Huntington District. Mr. Holliday received a Bachelor of Engineering Sciences in Civil Engineering degree from Marshall University in 1960.

**William A. Hubbard** is the Chief of the New England District Evaluation Branch. He has over 20 years experience in the environmental field, including EA, EIS and oceanographic site designation documents and journal publications. Additionally, Bill is part time faculty at Bentley College teaching environmental management courses and also Chair of the Coastal America Northeast Regional Implementation Team. He has a BS from the University of Rhode Island and a MS from Southern Connecticut State University, as well as more than 30 post graduate credits. Bill has received numerous awards and letters of appreciation, including the prestigious Commanders Award for Civilian Service (the fourth highest civilian medal) and letters of congratulations from the White House. He resides in Bellingham, MA with his wife Diane and five children.

**Robert L. Hunt, PhD**, is an engineer with the Memphis District, Corps of Engineers.

**Shane Hunt** is an Environmental Resource Specialist with the Galveston District. He has 2 years with the U.S. Army Corps of Engineers in the Environmental Section at Galveston. His areas of professional interest include developing programs and projects collaboratively to determine the optimum balance between differing interests; planning and implementation of riparian, bay, and estuary ecosystem restoration projects.

**Dr. Daniel Jessel** is the Managing Director of Maritime Strategies International Ltd., which he founded in 1986 and which provides independent and high level market forecasting and business advisory services for shipping and allied industries. He is the author of numerous articles on shipping economics and is frequently invited to address public committees, company boards and conferences on a wide range of issues affecting the shipping markets.

**Dr. Jim Johnson** spent 34 years as a water resources planner in the Corps of Engineers. He was Chief of Planning in the Baltimore District from 1985 to 1998; and was Chief of Planning and Policy in Corps Headquarters from 1998 until his retirement in May 2003. He is currently a consultant in water resources, specializing in watershed planning, ecosystem restoration and sustainable water resources development. He has just returned from Asia where he participated in two initiatives: establishing a partnership between the Mekong River Commission and the Mississippi River Basin Alliance; and serving as primary speaker at a series of three environmental symposiums in Japan, sponsored by the River Policy Network.

**Meg Jonas** is a Research Hydraulic Engineer with the Engineering Research and Development Center Coastal and Hydraulics Laboratory in Vicksburg, Mississippi. She has a B.S. in Civil Engineering from the University of Virginia and a M.S. in Engineering Geology from George Washington University. Her primary professional interests are stream and watershed restoration, river mechanics, fluvial geomorphology, sedimentation analyses, flood damage reduction. Her professional experience includes almost 20 years hydraulic engineering experience with the Corps of Engineers in Omaha and Baltimore Districts and over five years with other federal and state agencies and private firms, performing general civil engineering and water-resource related work. She is a member of the Steering Committee, for the federal interagency handbook, "Stream Corridor Restoration: Principles, Processes, and Practices"; co-author of the Corps Technical Report "Hydraulic Design of Stream Restoration Projects"; and member of the expert Corps Committee on Channel Stabilization.

**Jerry Jones** has 18 years experience with the Corps of Engineers: Environmental Engineer (12 years), Hydraulic Engineer (1 year), Senior Planner (4 years) and Project Manager (1 year). He holds a B.S. in Civil Engineering from Tennessee State University (1986) and an MS in Civil Engineering, Specialty in Numerical Groundwater Modeling, from Colorado State University (1995). Jerry's niche lies in his broad understanding of the technical, political, and organizational issues associated with water resources problems and the subsequent implementation of practical solutions.

**Diane E. Karnish**, Chief, Plan Formulation/Applied Technology Section, Walla Walla District, with 15 years experience with Corps. Technical skills and experience: Plan Formulation, Major Rehabilitation risk analysis, Social and Economic Impact Assessment, Flood Damage Reduction Planning, Base Realignment and Closure Impact Assessment, ICA, Navigation, Water Supply, and NEPA documentation

**Dr. Gregory A. Kiker** is a Research Physical Scientist in the Environmental Laboratory of the US Army Engineer Research and Development Center. Dr Kiker conducts ecological modeling and decision analysis research under the sponsorship of the Dredging Operations and Environmental Research (DOER) Program, the Environmental Quality Technology (EQT) Program and through site-specific reimbursable-funded research. His current research projects include the linkage of multi-criteria decision analysis and comparative risk methods as well as the modeling of mercury dynamics within restored wetland areas. He received his Bachelors and Masters degrees in Agricultural and Biological Engineering at the University of Florida and his PhD in Agricultural and Biological Engineering from Cornell University (1998). He was awarded a Fulbright Scholarship to South Africa (1991-92) and has consulted internationally in the use of environmental and ecological models for ecosystem management, nutrient-transport, crop-yield prediction and climate change.

**Harry E. Kitch** is currently leading the Planning Community of Practice group in Civil Works in HQ. This group is responsible for planning guidance and procedures, planning research and planner training and development and is working at strengthening the Corps Planning Community. He is also the leader for the Corps Flood and Coastal Storm Damage Reduction business line.

**Diana J. Laird** is Chief of the Planning office in Galveston District

**Virgil L. Langdon Jr.**, has been a Regional Economist in the Navigation Planning Center, Huntington District for over 20 years. Mr. Langdon has been involved in shallow and deep draft transportation studies utilizing probabilistic simulation models, lock performance simulation models, equilibrium models, operations research analysis methods, statistical techniques and navigation data bases to estimate National Economic Development benefits. Specializing in navigation-related economic model development to quantify non-traditional benefits and the probabilistic nature of reliability and uncertainty of input assumptions and its effect on benefit/cost calculations.

**Evan Lewis** works in Seattle District as a fish biologist. He has been with Seattle District since 1993, starting in Regulatory Branch before moving to Planning Branch in 2001. He has been heavily involved in Endangered Species Act issues throughout his career, particularly with regard to listings of various anadromous and resident fish species since the mid-1990's.

**Mark Lorie** is a planner in the Planning Division of the Baltimore District. Before coming to the Baltimore District, he was a planner at the Institute for Water Resources. He received a Master's degree in Environmental Management and Economics from The Johns Hopkins University School of Engineering, where he also completed additional advanced graduate work toward a PhD.

**Keven Lovetro** currently serves as the Chief of the Economic and Social Analysis Branch's General Water Resources Section in the New Orleans District of the U.S. Army Corps of Engineers. He supervises a team of seven regional economists who conduct economic feasibility analyses for proposed flood-damage reduction projects. A Corps employee of 20 years, Mr. Lovetro earned his M.A. in Economics from the University of New Orleans in 1985.

**Brian Maestri** is Regional Economist for the Economic & Social Analysis Branch of the General Water Resources Section of the New Orleans District of the U.S. Army Corps of Engineers. He serves as an interdisciplinary team member on several hurricane protection projects including the New Orleans West Bank of the Mississippi River, and the Houma to the Gulf of Mexico. He is also the Economics Functional Team Leader for several flood control studies in Jefferson Parish. Mr. Maestri has a Master's (1981) and Undergraduate degree (1979) in Economics from the University of New Orleans. Subsequently, he taught Economics courses in the College of Business at Xavier University from 1981 –1984.

**Lynn R. Martin** is an Environmental Planner, and Senior Policy Analyst at the US Army Corps of Engineers, Institute for Water Resources (IWR). She has over 25 years of experience with the Corps. Her most recent work has focused on ecosystem restoration and watershed policy development, along with analysis and adaptation of the concepts of sustainable development, integrated water resources management, and ecosystem management for application in the Civil Works program. She participates as a member of the Regional Sediment Management Demonstration Program Management team, and the National Shoreline Management Study team. Earlier work included ecological applications in freshwater and coastal systems. Ms. Martin received a B.S. degree in biology from Virginia Tech, Blacksburg, VA, and an M.S. degree in environmental planning from George Mason University, Fairfax, VA.

**Marianne Matheny-Katz** is an Economist and reviewer in Project Planning and Review in the Office of the Assistant Secretary of the Army (Civil Works) in Washington, DC. She is responsible for evaluating the plan formulation and economic analysis of Corps of Engineers flood control, navigation and other water resources development projects for compliance with Corps planning regulations. She has previously held positions in New England District, Baltimore District, and the Institute for Water Resources.

**Johnny McLean** is a biologist in the Planning Environmental and Regulatory Division. He has a Bachelors Degree in wildlife management and a Masters Degree in biology. He has worked for the Corps for 12 years and his interests are fisheries and aquatic biology.

**Mark McKevitt** currently serves as an Environmental Planner for the Assistant Secretary of the Army (Civil Works) in Washington, DC. He is responsible for evaluating Corps of Engineers flood control, navigation, ecosystem restoration, and other water resources development projects for compliance with proper planning and benefit analyses; environmental laws and regulations; and ecosystem restoration policy.

**Dr. Andrew Miller** is a Research Limnologist in the Environmental Laboratory at the US Army Engineer Research and Development Center (ERDC) in Vicksburg, Mississippi. He has been at ERDC since 1980; before that he worked at the Louisville District of the US Army Corps of Engineers. He has worked for the Federal Government for 28 years. Currently he is acting Chief of the Aquatic Ecology & Invasive Species Branch. His research interests include freshwater mollusks, endangered species, techniques for creating aquatic habitats, and methods for measuring effects of water resource projects. Dr. Miller holds a BA from Olivet College in Michigan, a MS from Central Michigan University, and a Ph.D. from the University of Louisville.

**Scott Miner** is an ecosystem restoration specialist with the Sacramento District. His current work as a regional technical specialist emphasizes the formulation and evaluation of ecosystem restoration and multiple-purpose projects. Mr. Miner received a B.A. in Biology from San Francisco State University, California in 1979 and an M.S. in Wildland Resource Science from the University of California, Berkeley in 1981. He has worked in the Corps of Engineers' civil works program since 1978 and received the USACE Planning Excellence Award in 1991.

**Susan M. Ming, P.E.** attended Lehigh University in PA, receiving a Bachelor of Science degree in Civil Engineering and a Bachelor of Arts in Architecture in 1992. Susie is also a graduate of Steven's Institute of Technology, having earned a Master of Engineering degree in Ocean and Coastal Engineering. She has worked in the consulting field in both New York and California. Susie joined the U.S. Army Corps of Engineers, Los Angeles District as a Senior Coastal Engineer/Coastal Planner in 2000. She is a lead planner for numerous Federal coastal projects and responsible for the planning and development of coastal resources studies. Susie is a registered Professional Civil Engineer in the State of California and the State of New York and the Chair for the ASCE COPRI's Coastal Practice Committee.

**David A. Moser** is Chief, Navigation and Water Resource Applications Division at the Institute for Water Resources, U.S. Army Corps of Engineers, in Alexandria, Virginia.

**Becky Moyer** is an economist in the Jacksonville District, with over 16 years experience in inland and deep-draft navigation economics.

**Brian Mulvenna** is a Registered Professional Engineer in Pennsylvania, New Jersey and Delaware. He has worked for the Corps for thirty years, the last five as a Project Manager in the Planning/Continuing Authorities Program. In addition to being Project Manager for the Cuddebackville Dam Removal project, the first project of this type for the Philadelphia District, he is also project manager for environmental restoration studies in several watersheds in New Jersey, Pennsylvania and New York. Mr. Mulvenna holds a Bachelor of Science degree in Civil Engineering from Drexel University in Philadelphia, Pennsylvania. Prior to working in the Planning program, he spent numerous years in the Operations, Readiness and Regulatory programs where his responsibilities included environmental coordination and project construction of flood control works and navigation projects including the Chesapeake and Delaware Canal in Delaware and Maryland. Brian has received numerous awards for his innovative projects and recognition from both the Corps and outside agencies.

**Patricia Mutschler** is a senior Economist with 17 years experience with the Corps. She was in the Philadelphia District for 7 years before moving to the Baltimore District in 1995. She was the Economic Policy Advisor for Baltimore for 4 years before taking a position at the Institute for Water Resources as a policy analyst and Program Manager. She has been at Headquarters in what is now the Office of Water Project Review for the past 2 years. She is currently enrolled in the Planning Master's Program at Johns Hopkins University.

**Jason Needham** is a Hydraulic Engineer in the Water Resource Systems Division at the U.S. Army Corps of Engineers' Hydrologic Engineering Center. He holds a BS degree from New Mexico State University and an MS degree from the University of California at Davis. He has been practicing Hydraulic Engineering for six years, of which the last two were with HEC. His current interests include flood damage analysis, risk analysis, system optimization, GIS, and water resources planning.

**Rob Newman** is an Environmental Resource Planner with the Fort Worth District. He has 10 years experience with the U.S. Army Corps of Engineers - 2 years as an Environmental Resources Planner and 8 years in Natural Resource Management as a Park Ranger. His main area of professional interest is restoration of riparian ecosystems within the state of Texas. More specifically, reclaiming abandoned gravel-mining pits along rivers.

**Christine Olsenius** has worked in water resource management for 27 years; 15 years managing nonprofit organizations, and 12 years as a program consultant to nonprofit organizations and federal agencies. She has developed regional stakeholder groups in the Great Lakes, West and Southeast. Mrs. Olsenius has served on national water committees, participated in federal watershed initiatives and developed national water management reports. She assisted in the development of a \$30 million water education center, a national Health and Environment Network among Schools of Public Health and State Medical Associations and state health departments, served as the principal consultant to National Geographic Magazine on their 1993 Special Issue on Water and has given hundreds of speeches on water resource management throughout the country. Mrs. Olsenius helped develop and now serves as Executive Director of the Southeast Watershed Forum, a nonprofit organization dedicated to enhancing local watershed initiatives through education, training and regional dialogue in a nine-state region. The Forum provides a model for partnering across political and jurisdictional boundaries and its efforts have led to state and basin-level watershed roundtables and forums.

**Dr. L. Jean O'Neil** is an Ecologist at the US Army Engineer Research and Development Center Environmental Laboratory. She holds BS, MS, and PhD degrees from Iowa State University, Southern Illinois University, and Texas A&M, respectively. Her 30 years of experience with the Corps began with the Dredged Material Research Program. Interests include habitat and system models and assessment methods, conceptual models and other integrating tools for a system-wide view, methods for determining cumulative impacts, and ecological education. Two products from work in the EMRRP will be available at the demo session including software for building community index models.

**Steve Pugh** is an Ecologist in the Civil Projects Development Branch of the U.S. Army Corps of Engineers' Baltimore District. He holds a B.S. in Natural Resources Management from the University of Maryland. He has been a practicing Ecologist for 12 years. For the first 7 years of his career he worked at the USGS Patuxent Wildlife Research Center and was engaged in research related to wetland restoration. For the past 5 years, he has worked for the Corps of Engineers primarily planning ecosystem restoration projects. Steve is a graduate of the Planning Associates Class of 2003.

**Russ Rangos** is a member of the Planning Community of Practice and Planning Associates Program Manager, as well as manager for the Planner Core curriculum.

**Erwin Roemer** is an archaeologist in the Memphis District with experience in cultural resources protection, NEPA coordination, and issues of environmental planning and resources management.

**Carmen Rozzi, P.E.**, is the Chief of the Plan Formulation Section for the U.S. Army Corps of Engineers, Pittsburgh District. He received a Bachelor of Engineering Degree in Civil Engineering from Youngstown State University, School of Engineering in 1983 and a Masters Degree in Public Policy and Management from the University of Pittsburgh, Graduate School of Public and International Affairs in 1999. In addition, Carmen is a 2000 graduate of the Army Management Staff College. During his fifteen years with the Corps he has served in a variety of assignments including general engineer, environmental planner, and project manager.

**David M. Schaaf, P.E.** is a Regional Technical Specialist (Structural Navigation) with the Louisville District. He holds a Bachelor of Science (University of Louisville, 1991) and a Masters of Engineering (University of Louisville, 1992) and is a Registered Civil Engineer in Commonwealth of Kentucky. He has over 12 years experience in navigation engineering, and over 7 years experience risk/reliability analysis for integration in economic modeling of water systems.

**George Schuler** joined the Eastern New York Chapter of The Nature Conservancy as Neversink River Program Director in 1995 after completing his M.S. in Environmental Studies at the Yale University School of Forestry and Environmental Studies. As Sr. Representative for the Chapter's work in the Delaware River Basin in New York his responsibilities include coordinating ecosystem assessment and monitoring activities; conservation planning; implementing ecological management programs and strategies for conservation, restoration (including ecologically sustainable water management and dam removal), and compatible economic development and public policy throughout the Delaware River Basin.

**David Schulte** is a member of the Environmental Analysis Team with the U. S. Army Engineer District, Norfolk

**Paul Scodari** is an economist and policy analyst with the USACE Institute for Water Resources, Planning and Policy Studies Division.

**Deborah Shafer** is a Research Marine Biologist with the Coastal and Wetlands Ecology Branch, (Environmental Laboratory) of the US Army Engineer Research and Development Center, where she has been employed for the past 15 years. She holds a MS in Biology from Northeast Louisiana University and is currently a PhD candidate in the Marine Science Program at the University of South Alabama. Ms. Shafer's research interests include seagrass and coastal wetlands ecology and restoration, impact assessment, and development of functional assessment protocols for estuarine habitats.

**Brian Shenk** is Chief of the Economics Section, Portland District.

**Patti Sime** is a Lead Environmental Scientist with the South Florida Water Management District. Experience: 15 years – South Florida Water Management District. Areas of Professional Interest: Estuarine Monitoring & Assessment; Environmental Technology; Water Quality Management

**Leigh Skaggs** is a Lead Community Planner with the Jacksonville District. Experience: 15 years – Institute for Water Resources; 1 year – Jacksonville District. Areas of Professional Interest: Cost Effectiveness/ Incremental Cost Analyses; Ecosystem Restoration Outputs/Benefits/Metrics; Evaluation Techniques; Trade-Off Analysis

**Stacey Sloan Blersch** is a civil engineer with the US Army Corps of Engineers Baltimore District. She holds a BS in Mechanical Engineering from University of Notre Dame and an MS in Environmental Science from Johns Hopkins University. She has worked in the environmental engineering field for over 11 years both in the private and public sectors-- the past 2 with the Baltimore District Planning Division as a project manager and study team lead on CAP and GI studies. Her current interests are ecological restoration and watershed planning, with an emphasis on methods for modeling and monitoring these efforts to ensure they meet their objective of restoring aquatic ecosystems.

**Daniel Small** is a Biologist with the U.S. Army Corps of Engineers, South Atlantic Division, Atlanta, Georgia. In His 18 years with the Corps, He has worked professionally in the Wilmington and Baltimore Districts, and Headquarters, Policy Review Branch. Previous professional positions with the Corps include: Dredging Program Manager, Watershed and Public Works Program Manager, and Supervisory Physical Scientist, Baltimore District, Regulatory Branch. Prior to coming to the Corps, he held positions as an environmental planner, policy specialist, and as a federal consistency program specialist with the North Carolina Coastal Management Program. He received a Bachelor of Science degree in Geography from Southern Illinois University, Carbondale, Illinois, and a Master of Science in Earth Science from the University of Notre Dame, Notre Dame, Indiana. He is a graduate of the U.S. Army Management Staff College, has completed advanced graduate work towards a doctorate in Adult Education, at North Carolina State University, Raleigh, North Carolina, and has worked professionally in adult education.

**R. Daniel Smith**, ERDC-WES-Environmental Lab: Research Ecologist specializing in plant community and wetland ecology, ecosystem assessment/restoration, and applied ecology. Over the past fifteen 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. He is the author, or co-author of more than 40 peer reviewed journal articles, book chapters, and technical reports.

**Shannon M. Smith** is an Environmental Protection Specialist with the Planning Division, Planning and Environmental Services Branch at the U.S. Army Corps of Engineers, Baltimore District. Ms. Smith has been with the Baltimore District for over ten years where she provides program and project management support to the military-funded and civil-funded customers at the District level. She is the Baltimore District lead coordinator for the 2004 Economics and Environmental Conference supporting Headquarters. Ms. Smith has also assisted Headquarters with support to the DSMOA and FUDS Program as well as serving as the lead coordinator for the Floodplain Management Services/Planning Assistance to States national conference in 2002.

**Dr. Eugene Stakhiv** is Senior Water Resources Advisor, Institute for Water Resources. US Co-Chair of the IJC Lake Ontario-St. Lawrence R Study Board. Chief, IWR Planning and Policy Division (1990-2004).

**Anne Sudar** is an Environmental Planner with the Navigation and Water Resource Applications Division at the Institute for Water Resources, U.S. Army Corps of Engineers, in Alexandria, Virginia.

**Clarice D. Sundeen** is with the Memphis District, Corps of Engineers.

**Tom Swor** is the Environmental Team Leader, Nashville District

**Charles H. Theiling** is an aquatic ecologist at the Rock Island District Environmental Branch. He holds a MS from the University of Michigan. He has 12 years experience on Upper Mississippi River research and management issues and has worked for the Illinois Natural History Survey and the U.S. Geological Survey before coming to work full time for the Corps in 2001. Interests include ecosystem restoration, monitoring, and management. Recent projects include the Upper Mississippi River Environmental Management Program, the UMR-IWW System Navigation Feasibility Study, and the Illinois River Ecosystem Restoration Feasibility Study.

**Steve Traxler** is a Supervisory Fish & Wildlife Biologist with the U.S. Fish and Wildlife Service. Experience: 6 years – Estuarine Fish Ecology; 8 years – Jacksonville District Planning; 1 year – Fish & Wildlife Service; Areas of Professional Interest: Estuarine Restoration; Estuarine Fish Ecology; Evaluation Methodologies.

**Thomas G. Tri, P.E.** is GIS Manager for Skees Engineering, Inc. He holds a Bachelor of Science degree and a Master of Engineering in Civil Engineering from the University of Louisville. He has over 20 years of experience in civil engineering for public works and private development projects, 18 years experience with CAD software including AutoCAD, MicroStation and CADAM, and 11 years experience with GIS software and applications development including ESRI's ArcInfo, ArcView, and ArcGIS software. He provides consulting for studies, analysis, applications development, training and production.

**Jeff Trulick** is a biologist with the Baltimore District, Corps of Engineers.

**Mona Thomason** has worked for the U.S. Army Corps of Engineers since 1985. She is currently the chief of the Planning Branch for the Seattle District, overseeing the district's water resource development program. She supervises planners, project managers, economists, biologists, archeologists, and other staff. Projects include ecosystem restoration, flood damage reduction, navigation, and other water-related purposes. Before coming to the Seattle District, she worked as an economist at the Corps' Institute for Water Resources in the Washington D.C. area, and Los Angeles, Mobile, and Portland Districts. In her spare time, Mona reads, gardens, does home improvement projects, and enjoys her daughters' (Katie, 15, and Allie, 11) sports activities.

**Antisa C. Webb** received her B.S. from the Northeast Louisiana University in Biology in 1988, and her M.S. in Biology, from Northeast Louisiana University in 1994. For the last 13 years, she has worked as a Ecologist for the U S Army Corps of Engineers, and has focused on habitat evaluation and functional wetland assessment methods and models across the nation. She has co-developed several computer software tools that are used in many ongoing project assessments (EXHEP: Expert Habitat Evaluation Procedures; EXHGM: Expert Hydrogeomorphic Model) and ecosystem level approaches. She is currently working on 8 Ecosystem Restoration Habitat Analyses studies from Illinois, Texas, and Arizona as well as one Flood Damage Reduction study in Texas and one Dredge Disposal study along the Arkansas/Oklahoma border. She is also working on a research work unit developing a software tool for creating Community Habitat Models in a Template environment. She teaches habitat evaluation and project planning in the USACE Proponent-Sponsored Engineer Corps Training (PROSPECT) series and conducts software training and sampling techniques training several times over the course of each year.

**Jason Weiss** is an economist and project manager for URS Corporation with six years of experience in applied economic analysis and civil works planning projects. He holds degrees in Resource Economics (MS) and Industrial Engineering (BIE). During his employment with URS, Mr. Weiss has worked extensively with U.S. Army Corps of Engineers on both large and small flood damage reduction and water resources studies. Mr. Weiss has performed benefit-cost analyses, incremental cost analyses, commodities forecasting, economic impact analyses, regional input-output modeling, development forecasting, recreational assessments, and socioeconomic analyses for both public and private sector clients.

**Bill Werick** recently retired from the Corps after 35 years of work as a surveyor, boat operator, planner and policy analyst. His most significant contribution was the development of shared vision planning, a method of resolving water conflicts using computer simulations that are trusted and useful because they are built collaboratively by experts, stakeholders and decision makers.

**Ed Woodruff** is an economist with Northwestern Division in Portland, Oregon.