

Height Modernization Partner Biographies

Bill Bass

Alabama

Mr. Bill Bass has served as the Director Property Tax Division of the Alabama Department of Revenue since December 1996. He has served with the Department for 33 years. Bill oversees the administration of the property tax laws in Alabama including the collection of over \$2 billion in taxes. He has been involved in Photogrammetric and Geographic Information Systems (GIS) standards and acquisitions in Alabama for the past twenty years. He attended Auburn University at Montgomery and received a B.S. degree in Business Administration with a major in Accounting in 1975. He received a Commission in the U.S. Air Force Reserve in 1979 and retired in 2003 with the rank of Lieutenant Colonel.

Eugene Trobia

Arizona

Gene Trobia serves as the Arizona State Cartographer. The State Cartographer's Office (SCO) staffs the Arizona Geographic Information Council (AGIC), establishes state GIS standards, coordinates multi-agency projects, and improves access to geospatial databases. Gene has worked in the geographic information field for over twenty-five years. He previously worked for the Utah Automated Geographic Reference Center and Pima County's Engineering and Geographic Information Services in Tucson, Arizona. Gene holds a BLA and MLA in Landscape Architecture from the University of Arizona. He serves on and is a past President of the Arizona Geographic Information Council, is current Chair of the Arizona Geographic and Historic Names Board, is the Arizona representative, and Co-Chair of the Western Governor's Association Geographic Information Council. Gene served on the Board of Directors and is a past-President of the National States Geographic Information Council (NSGIC) and is currently the Co-Chair of the NSGIC Outreach Committee. Gene is also a member of the National Research Council Mapping Science Committee.

John Canas

California

John Canas is the Executive Manager of the California Spatial Reference Center and a Professional Land Surveyor in California. His 43 years of land surveying experience include 15 years as the County Surveyor of Orange County, California. John is Past President and Life member of the National Association of County Surveyors and a Fellow in the American Congress on Surveying and Mapping. He has served 15 years as Chair of the California Engineers Association of California Surveying and Land Use Committee and is a Life Member of the California Land Surveyors Association

David Sloan

Kentucky

David Sloan is the Director of Applied Research, Service, and Policy at Morehead State University's Program of Distinction, the Institute for Regional Analysis and Public Policy. Becoming Morehead State University's Program of Distinction in 1999, the Institute for Regional Analysis and Public Policy (IRAPP) is a multidisciplinary unit bringing together faculty from various backgrounds and disciplines, offering a unique and

valuable perspective not often gained through more traditional units found in higher education.

Roy Dokka

Louisiana

Dr. Dokka is Executive Director, Center for Geoinformatics, Director, Louisiana Spatial Reference Center and Fruehan Endowed Professor of Engineering, Louisiana State University. Dr. Dokka is a Fellow of the Geological Society of America. He was awarded a lifetime honorary membership in Alpha Lambda Delta, the National Freshman Honor Society for his record of outstanding teaching. Since 1989, Dr. Dokka has been awarded 10 University, College, and Departmental teaching awards at LSU. In 2006, he received the “Distinguished Service Award for the Advancement of Spatial Activities in Louisiana” at the 22nd annual Louisiana Remote Sensing and GIS Workshop. He is the author of over 65 publications referenced professional journals. From 1992-93, Dr. Dokka served as a Program Director at the National Science Foundation. He initiated and continues to head the Louisiana Spatial Reference Center, a partnership with the NOAA’s National Geodetic Survey, focused on creating a state-of-the-art positional infrastructure for the state.

David S. Mooneyhan

Mississippi

David is a native of Mississippi and currently holds the position of Director of Operations of the Gulf Coast Geospatial Center at the University of Southern Mississippi. A resident of Ocean Springs, Mississippi, David has been involved in research administration with the university for 14 years, during which time he managed several federally sponsored initiatives. David is currently principle investigator on The Mississippi Height Modernization Initiative (National Oceanic and Atmospheric Administration), The Mississippi/Louisiana Digital Coast Initiative (National Oceanic and Atmospheric Administration), and the Mississippi Coastal Disaster Inventory Assessment Project (National Aeronautics and Space Administration). David holds an undergraduate degree from Mississippi State University and a Masters of Business Administration degree from The University of Southern Mississippi. Personal research interests include Coastal-Human Geography and Hazards resilience as they pertain to the recovery in post-Katrina Mississippi.

Gary William Thompson, PLS

North Carolina

Mr. Gary Thompson is the Director of the North Carolina Geodetic Survey (NCGS) and the Height Modernization Principal Investigator. He currently holds a professional license for the Professional Land Surveyor (PLS) in North Carolina (L2694). Mr. Thompson has held the presidency and still belongs to the American Association of State Surveyors, National Society of Professional Surveyors (NSPS), and North Carolina Society of Surveyors (NCSS). He is a member of the NC Board of Examiners for Engineers and Surveyors, for which he was Chairman in 2007, and has Co-authored the Development and Application of the North Carolina Coordinate System.

Emmanuel U. Nzewi, PhD, PE**North Carolina**

Emmanuel U. Nzewi is a Professor in the College of Engineering at North Carolina A&T State University (NC A&T) in Greensboro, North Carolina, where he has sat on the faculty since January, 1989. He is the Director of the Civil Engineering Program and the Principal Investigator (PI) of several grants sponsored by NOAA's National Geodetic Survey (NGS) dealing with Height Modernization. He is a registered Professional Engineer (since 1989). In August 1980, he earned a Baccalaureate degree in Civil Engineering from Michigan Technological University in Houghton, MI, and completed his Masters degree (Civil Engineering) in December 1982 at Purdue University, West Lafayette, IN. He earned his Ph.D. degree at Purdue in Civil Engineering in August 1987, with a major in Water Resources Engineering and an emphasis in Operations Management. Dr. Nzewi was appointed to National Science Foundation's CLEANER/WATERS Observatory coalition advisory board in March 2005.

Joseph Monroe, Ph.D.**North Carolina**

Dr. Monroe is the Dean of the College of Engineering at North Carolina Agricultural & Technical State University (NC A&T). He is also a Member the Board that governs the practice of Engineering and Surveying in North Carolina (since 1998). Dr. Monroe graduated from A&T with a B.S. in mathematics, English, and French before earning M.S. and Ph.D. degrees in computer science at Texas A&M University. Following his Ph.D. work, Dr. Monroe served 21 years at the United States Air Force Academy before joining A&T in various capacities, including Head of the Electrical Engineering Department, Permanent Professor and Head of the Computer Science Department, and Permanent Professor and Assistant Dean of the Faculty. The height modernization projects at NC A&T include a variety of activities such as: the development of digital elevation models for watershed characterization, floodplain hydrology and hydraulics, reservoir operations modeling (for multi-purpose reservoir systems to address potential climate change scenarios), development of geospatial information tools to enhance watershed and floodplain analysis, outreach and training programs for geodetic height modernization, urban hydraulics, and software retooling.

Matthew Wellslager**South Carolina**

Matt Wellslager is a graduate of the College of Charleston with a Bachelors of Science degree in Geology. He received a Master of Science in Geography, with an emphasis in Cartography and Geographic Information Systems. He was a commissioned officer with the NOAA Corps as a Horizontal Control Officer, Officer of the Deck and Dive Master with the NOAA Ship Whiting. His commission ended in 1989. Matt is currently employed with the South Carolina Geodetic Survey (SCGS) as a Program Coordinator, Chief of State's Mapping and Operations, which is fundamental in creation and maintenance of a state-wide real time network of 45 GNSS reference stations.

Gary A. Jeffress, Ph.D., RPLS**Texas**

Dr. Gary Jeffress is a Professor of Geographic Information Science and Director of the Conrad Blucher Institute for Surveying and Science at Texas A&M University-Corpus Christi. He is the Principal Investigator for the Texas Coastal Ocean Observation Network and the Texas Height Modernization program. He holds a Ph.D. in Surveying

Engineering from the University of Maine and is a Registered Professional Land Surveyor in the State of Texas and past-president of the Texas Society of Professional Surveyors. Dr. Jeffress is a member of the Ocean Observing Systems committee of the Gulf Coast Ocean Observation Systems Regional Association. He currently sits on the Data Archiving and Access Requirements Working Group for the Scientific Advisory Board, and has been appointed to the Hydrographic Services Review Panel of the National Oceanic and Atmospheric Administration.

Garey W. Gilley

Texas

Garey W. Gilley is a professional land surveyor and development consultant with more than 35 years of experience representing property owners, land developers, and taxing jurisdictions. He has also distinguished himself as a lawmaker during his service on the Fort Worth City Council. Mr. Gilley is Former President - Brookes Baker Surveyors, Inc. and Registered as Professional Land Surveyor in February, 1973 by examination. He was licensed as a Licensed State Land Surveyor in May, 1978 by examination. He is a past Director of the Texas Surveyors Association, member of the Texas Board of Land Surveying, and is currently Director Height Modernization Program for Texas.

David Steele, PLS

Washington State

Dave is the Washington State Dept. of Natural Resources' Geodetic Survey Director and Height Modernization Program manager with 34 years of land survey experience. He was the Washington State Surveyor for 12 years and has extensive experience in many aspects of the land survey industry. He began using GPS in 1989 and published "The Standards and Guidelines for Land Surveying using GPS methods". As a third generation shellfish farmer in Puget Sound, Dave owns Rock Point Oyster Company and is on the Executive Boards of the Pacific Coast Shellfish Growers Association and the Puget Sound Shellfish Grower's Legal Defense Fund.

Nathan Czech

Wisconsin

Mr. Czech is the Geodetic Survey Supervisor in the Surveying and Mapping Section of the Wisconsin Department of Transportation. He is a graduate of the University of Wisconsin - Platteville with a B.S. in Civil Engineering. Prior to his present role, Nate was responsible for project development oversight for many of the most complex highway projects in the State of Wisconsin. As Geodetic Survey Supervisor, he is responsible for the implementation and operations management of the Wisconsin Height Modernization Program.

David Moyer, Ph.D.

Wisconsin

Dr. Moyer has degrees from Ohio State University and a PhD in Information Economics from the University of Wisconsin-Madison. He is currently an Honorary Fellow in the Land Information and Computer Graphics Facility at the University of Wisconsin-Madison. He has also served as CEO and senior consultant for DD Moyer & Associates, a consulting firm that specializes in support of geodetic, land and geographic information systems (LIS/GIS), and land record title systems, both in the U.S. and internationally. Working as a partner in the NGS/NOAA Height Modernization Program, he has also been active in the development of a re-

organization strategy and governance model for coordination of all geospatial activities in Wisconsin.