

KEYNOTE SPEAKER BIOS

Luncheon Keynote Speaker

Dr. Orrin Pilkey is a James B. Duke Professor Emeritus of Geology, Earth, and Ocean Sciences at Duke University. He is also the Director of the Program for the Study of Developed Shorelines (PSDS) within the Division of Earth and Ocean Science at Duke University. Pilkey received his bachelor's degree in Geology at Washington State College, his master's degree in Geology at the University of Montana, and his doctorate degree in Geology at Florida State University. His research concentrates primarily on basic and applied coastal geology. In 1987, Dr. Pilkey was awarded the Francis Shepard medal for excellence in marine geology. He was the N.C. Wildlife Federation Conservation Educator of the Year in 1991. In 1992 he was awarded the George V. Cohee Public Service Award by the American Association of Petroleum Geologists. In 1993, he was awarded the American Geological Institute award for outstanding public communication and the Jim Shea Award for Public Service from the National Association of Geology Teachers. He is co-editor (and often co-author) of the ongoing 20-volume, *Living with the Shore* series published by the Duke Press. Pilkey has also been featured in New York Times Magazine, Esquire, Oceans Magazine, The American Way, Fifty Plus, Smithsonian Magazine, the Chronicle of Higher Education, and National Geographic Magazine.

Closing Keynote Speaker

Robin Kundis Craig is a professor at Florida State University College of Law. She holds a B.A. from Pomona College, an M.A. from The Johns Hopkins University, a Ph.D. from the University of California, and a J.D. from Lewis and Clark School of Law. Her primary area of expertise is the Clean Water Act, but she also teaches courses such as Environmental Law, Water Law, a Clean Water Act seminar, Ocean and Coastal Law, and Bioethics and Biotechnology. She has written two books: *The Clean Water Act and the Constitution* (Environmental Law Institute 2004) and a textbook entitled *Environmental Law in Context* (West 2005). She has been nationally recognized for her work involving the connection of fresh water regulation to ocean water quality including an appointment by the National Research Council of the National Academy of Sciences to a committee to assess the effects of the Clean Water Act's regulation of the Mississippi River. Additionally, Craig serves on the Working Group on Ocean Policy and the Marine Resources Committee for the American Bar Association. She is also concerned with marine biodiversity and marine protected areas, and science and water resource protection. Her lecture experience includes presentations on Wetlands, Endangered Species, Global Warming, and multiple seminars focused on water issues.

MODERATOR BIOS

Randall S. Abate is an assistant professor at Florida Coastal School of Law. Professor Abate joined the Florida Coastal faculty in June 2006 with twelve years of full-time law teaching experience at three law schools. He has taught environmental law courses at Vermont Law School, Widener University School of Law (Harrisburg, PA), and Rutgers School of Law (Camden, NJ). Between his years in academia at Vermont and Widener, Professor Abate handled environmental law matters at two law firms in Manhattan. He has published widely on environmental law topics, with a recent emphasis on climate change law and policy. His climate change articles have been published or accepted for publication in the *Cornell Journal of Law and Public Policy* (2006), the *Stanford Environmental Law Journal* (2007), and the *Connecticut Law Review* (forthcoming December 2007). Professor Abate is a frequent speaker on environmental law topics – especially climate change – and has been invited to speak at Florida State, Oregon, William and Mary, and in Granada, Spain in the 2007-08 academic year. He holds a B.A. from the University of Rochester and a J.D. and M.S.E.L. (Environmental Law and Policy) from Vermont Law School.

Donald Anderson, Esq. is a partner at McGuireWoods LLP in Jacksonville where he practices environmental, safety and health law. He received his B.A. from the College of William and Mary and his M.Ed. and J.D. from the University of Virginia. He has more than two decades of advocacy and counseling experience, including litigating government enforcement and private party cases under all the major federal environmental, safety and health statutes. The primary focus of his practice is the assessment and avoidance, or minimization and management, of regulatory, commercial, and tort risk. He is also an adjunct professor of at Florida Coastal School of Law where he teaches Environmental and Toxic Tort Law. He served on the management team for Jacksonville Community Council, Inc.'s Energy, Environment and Economy Study (2006-07) and is currently serving as Chair of JCCI's Air Quality Advocacy Task Force which seeks to implement the recommendations of the study.

Brenna Durden, Esq. is a shareholder at Lewis, Longman & Walker in Jacksonville. She received her B.A. from the University of South Florida, she attended California Polytechnic University for Graduate Studies in Urban and Regional Planning, and received her J.D. from the University of Florida College of Law. Her areas of specialization include Land Use, Environmental, and Administrative law. Ms. Durden's experience includes representing clients in matters related to water quality and control, wetlands, wastewater disposal, submerged lands, and endangered species.

Stephen Durden is a professor at Florida Coastal School of Law where he teaches Constitutional Law and Zoning and Land Use Law. He earned his B.A. from the University of Virginia and his J.D. from the University of Florida. He has written multiple scholarly articles focusing on land use, zoning, and land controls. For many years, Professor Durden represented the Land Use and Zoning Committee of the City Council for the City of Jacksonville. In addition, he represented the City in cases where plaintiffs challenged the constitutionality of various land use ordinances.

Dr. Jeff Martin is an assistant professor of Geography at Jacksonville University. He was last year's president of the Florida Society of Geographers. Dr. Martin received his B.S. from the U.S. Military Academy at West Point, his M.S. from Troy State University, his M.A. from Appalachian State University, and his Ph.D. from University of North Carolina at Chapel Hill. He specializes in Climatology, Physical Geography, Geographic Information Systems, and Environmental Studies.

Dr. Quinton White is the Dean of the College of Arts and Sciences at Jacksonville University. He is a professor of Biology and Marine Science. He received his B.S. from N.C. Wesleyan College, his M.S. from the University of Virginia, and his Ph.D. from the University of South Carolina at the Baruch Institute for Marine Biology and Coastal Research. In 1978, he established the major in marine science at JU. He has been active in marine science education, having received National Science Foundation grants to conduct Marine Science Workshops for Teachers and for Instrumentation and Laboratory Improvement. He has been active in research concerning the St. Johns River and the impact of man on marine ecosystems. Dr. White has written numerous research and technical papers or reports and received a variety of grants and contracts to support marine research at JU. Currently he is conducting research on manatees and king mackerel. Dr. White serves as a consultant with the City of Jacksonville Waterways Commission on manatee issues and the Manatee Protection Plan. He also worked with Clay County on their manatee protection plan. He was recognized in April 2000 by the Jacksonville Chapter of the Florida Association of Environmental Professionals with their Continuous Professional Achievement Award and was a Founding Member of the Board of Director of the St. Johns Riverkeeper, Inc. Dr. White was presented with the Congressman Charles Bennett Champion for the Environment Award at the 2006 Environmental Summit.

PANELIST BIOS

Neil Armingeon is the St. Johns Riverkeeper. He holds a B.S. from North Carolina State University and a Masters in Environmental Management from Duke University. He was formerly the Project Director for the North Carolina Coastal Federation and the Environmental Director of the Lake Pontchartrain Basin Foundation in New Orleans. He now serves to protect the St. Johns River and educate the public about related environmental issues.

Ericka D'Avanzo is the Florida Regional Manager of the Surfrider Foundation, an international coastal and ocean preservation group. She received her master's degree in Environmental Planning at Towson University. D'Avanzo has experience working for CT DEP, FEMA and served as a consultant during the 9/11 World Trade Center recovery. She also has extensive knowledge in environmental campaigning, cause marketing, and grant writing. Ms. D'Avanzo is currently a member of the Southeast Coral Reef Taskforce Initiative and is a steering committee member of Florida Ocean & Coastal Coalition. In addition to her Surfrider role, she continues to serve on FEMA's Hurricane Liaison Team.

Dr. Braxton Davis is the director of Science and Policy for the South Carolina Department of Health and Environmental Control's Office of Ocean and Coastal Resource Management. He is an adjunct professor at the University of South Carolina and The College of Charleston. Davis earned his bachelor's degree in environmental science from the University of Virginia, his master's degree in biological science from Florida International University, and his Ph.D. in marine affairs from the University of Rhode Island. His work has included examining near-shore water quality issues in the Long Bay region, exploring the role of ocean observation systems in coastal management decision-making, and compiling information on ocean planning efforts in various coastal states.

Carl Gerhardstein is the Environmental Compliance Manager/Director of Environmental Systems for CSX Transportation, Inc. He has delivered several presentations involving emissions credit trading in the railroad industry.

Terry Gibson is the Managing Editor of *Shallow Water Angler* and Projects Editor of *Florida Sportsman* magazines. He has vast experience with surfing, diving, hunting, and various types of fishing, along with his education experience as a high school English teacher at Glades Day School in Belle Glade, Florida. He is a frequent contributor to *Surfer* magazine. In 2006, Gibson received the Florida Wildlife Federation's award for the Outdoor Writer of the year. He is actively involved in addressing Everglades Restoration issues and those created by beach renourishment including the resulting ecological damage that can be caused in the process. Gibson was recently appointed to the South Florida Water Management District's Water Resources Advisory Committee, and serves as the Florida Recreational Fishing Advisor on the South Atlantic Fishery Management Council's Habitat A.P.

Kirby Green III is the Executive Director of the St. John's River Water Management District. Green has also served as Deputy and Interim Secretary of the Florida Department of Environmental Protection. He has also served as the Director for the Natural Resources division of beaches and shores and played an integral role in the state's Conservation and Recreation Lands program.

Megan Higgins, Esq. is Research Counsel for both the Marine Affairs Institute at the Roger Williams University School of Law and the Rhode Island Sea Grant Legal Program in Bristol, Rhode Island. She received a B.S. in Environmental Studies from the University of Vermont, a Master of Marine Affairs from the University of Rhode Island, and a J.D. from the Roger Williams University School of Law. She is an expert in coastal zone law, the public trust doctrine, public access, and environmental law. Higgins formally served as a Coastal Policy Analyst for the Rhode Island Coastal Resources Management Council (Rhode Island's coastal zone management agency). She also oversaw Rhode Island's Coastal and Estuarine Habitat Restoration Program and Trust Fund.

Patrick W. Krechowski, Esq. is an associate at Lewis, Longman & Walker in Jacksonville. His practice areas include environmental and land use law, and coastal construction law. He earned his B.S. in criminal justice from Florida State University and his J.D. from Nova Southeastern University. Before joining Lewis Longman and Walker, Krechowski was the Assistant General Counsel for the St. John's River Water Management District and the Program Attorney for the Florida Department of Environmental Protection's Office of Beaches and Coastal Systems. Now he deals primarily with permitting and compliance matters related to land use issues and coastal construction.

Jerry Mallot is the executive vice president of the Jacksonville Regional Chamber of Commerce and executive director of the Cornerstone, the economic development division. He serves on the Board of Leadership Jacksonville and the Florida Association of Colleges and Universities. Mr. Mallot has been named the Professional Economic Developer of the Year in both Florida and Kansas and received the Jessie B. Smith Community Achievement Award from the National Association of Industrial and Office Properties, and the Harry Waldron Regional Leadership Award. He has previously served as senior vice president of the Greater Tampa Chamber of Commerce and the President of the Wichita Area Chamber of Commerce. Mallot received Bachelor's and Master's Degrees from Wichita State University. He has earned the Certified Economic Developer and Certified Chamber Executive designations, the top professional certifications in these fields.

Jennifer McCharen is the co-founder of Jacksonville Carbon Neutral Initiative. She received her bachelor's degree from Sarah Lawrence College.

Dr. Gary Mitchum is currently a Professor of Physical Oceanography in the College of Marine Science at the University of South Florida. Prior to coming to the USF he was a faculty member in the Department of Oceanography at the University of Hawaii. While at the UH he was also the Director of the University of Hawaii Sea Level Center, and his interest in sea level rise began there in the mid-1980's. Professor Mitchum's research focuses on the use of satellite and in situ data to study sea level variations and climate change, and he remains especially interested in the study of 20th century sea level rise. In addition, though, he also works on a wide variety of problems in the general area of ocean physics.

Dr. Stephen Mulkey is Science Advisor to the Century Commission for a Sustainable Florida and Director of Research and Outreach for the University of Florida's School of Natural Resource and Environment. Mulkey received a B.S. in Forestry, Fisheries and Wildlife from the University of Missouri, an M.A. in Biology/Ecology from the University of Missouri, and a Ph.D. in Biology/Ecology from the University of Pennsylvania. He is currently an associate professor of Botany and Ecology at the University of Florida.

Tim Murphy

Sandra Nichols, Esq. is a staff attorney at the Environmental Law Institute in Washington D.C. where she researches and analyzes national, state, and local wetlands protection laws and policies generally and specifically related to avoidance and minimization, and buffers. She is participating in the development of ELI's climate change work. Ms. Nichols is also an adjunct professor at Troy University, where she teaches environmental ethics; environmental law, regulation, and policy; and environmental economics. As a staff attorney with WildLaw, based in Montgomery Alabama, she provided legal counsel to citizens' groups on environmental issues, especially national forests, water, endangered species, pollution, resource extraction, environmental justice, and land use. She engaged in litigation, administrative matters, and policy advocacy in a variety of matters. Nichols also worked closely with the Montgomery Tree Committee on developing urban forest conservation policy for the City of Montgomery and served on the Alabama Open Records Reform Commission. Nichols served as an Urban Environmental Management Volunteer in the Peace Corps in Côte d'Ivoire. She holds a bachelors degree in Earth and Environmental Science from Wesleyan University and a J.D. from the University of Virginia School of Law.

Bud Para earned his Bachelor of Industrial Engineering from the Georgia Institute of Technology and his Master of Business Administration from the University of North Florida. He is a licensed professional engineer in Florida. Mr. Para joined JEA in 1980 as an engineer in System Planning and was later promoted to System Planning Division Chief with responsibility for forecasting JEA's demand and energy requirements, analyzing expansion options, and planning JEA's electric distribution, transmission and generation systems. He served as chairman of the Florida Coordinating Group System Planning Committee and task forces on transmission and generation. From 1995 to 2001, he was Director of St. Johns River Power Park (SJRPP) fuels management, with responsibilities for purchasing coal, petroleum coke, fuel oil and limestone; and the rail, vessel and truck transportation necessary for delivery to SJRPP. Since 2002, Mr. Para has been JEA's Director of Legislative Affairs. His responsibilities for JEA include managing emerging state and federal legislative and regulatory issues. He represents JEA on the American Public Power Association and the Large Public Power Council climate, government relations, environmental, and electricity restructuring working groups.

Dr. Pat Welsh is a professor of Meteorology at the University of North Florida. His areas of expertise and research include remote sensing of severe weather by radar and satellite, evolution of tropical cyclone induced tornadoes, and the physics of turbulent convective boundary layers. Dr. Welsh is currently working on analysis of the convective atmosphere over Florida and Georgia, and visualization techniques for large remote sensing datasets.

David White, Esq. is the Regional Director for the Ocean Conservancy's Southeast Regional Office in St. Petersburg, Florida. Mr. White's responsibilities include marine ecosystem protection and fish and marine wildlife conservation in the South Atlantic and Gulf of Mexico. He previously served as the Regional Counsel for the National Wildlife Federation, focusing on wildlife law, endangered species and wetland protection. His

background is in environmental law and wildlife ecology. He is one of Florida's leading advocates for marine protected areas and ecosystem-based management to conserve fish populations and marine ecosystems such as coral reefs, fish spawning areas, and near-shore coastal habitats. Mr. White assisted in creating the largest fully protected marine ecological reserve in the Dry Tortugas.