



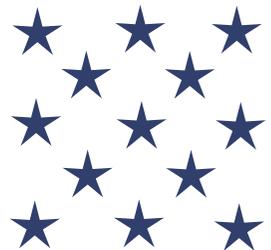
The Riley Institute®
4TH ANNUAL NATIONAL CONFERENCE

The Environment: Critical Issues of the 21ST Century

SEPTEMBER 25–27, 2006

FURMAN UNIVERSITY

GREENVILLE, SOUTH CAROLINA



THE RILEY INSTITUTE AT FURMAN

The Riley Institute at Furman is a non-partisan organization affiliated with the Department of Political Science at Furman University. Named for former Governor of South Carolina and United States Secretary of Education Richard Riley, the institute engages students in politics, public policy and public leadership through collaborative research, study abroad opportunities and internships.

Since its inauguration in 1999, the Riley Institute also has developed community leadership programs, symposia and conferences designed to promote discussion and analysis of public policy issues.

Through its promotion of engaged learning, leadership development and conferences featuring internationally recognized speakers, the Riley Institute has established itself as an innovator in policy and public leadership education.

MONDAY, SEPTEMBER 25 AT 8 P.M.

YOUNTS CONFERENCE CENTER
CONFERENCE KEYNOTE ADDRESS

“The Environment: Critical Issues of the 21st Century”

THE HONORABLE JOHN GLENN
*Former U.S. Senator & Astronaut,
The John Glenn School of Public Affairs,
The Ohio State University*

TUESDAY, SEPTEMBER 26 AT 11 A.M.

WATKINS ROOM, UNIVERSITY CENTER
PANEL ONE

“The Media and South Carolina’s Environment”

MODERATED BY JOHN ARMSTRONG,
Assistant Professor of Communications Studies, Furman

PANELISTS:

JOHN BRAY, *The Greenville News*
NICK CHARALAMBOUS, *Anderson Independent-Mail*
SAMMY FRETWELL, *The State*
DAVID LAUDERDALE, *Island Packet*
BO PETERSEN, *Post and Courier*

TUESDAY, SEPTEMBER 26 AT 3:30 P.M.

YOUNTS CONFERENCE CENTER
ADDRESS

“States’ Role in Environmental
Protection: Pitfalls, Progress
and Potential”

BILL ROSS
former Commissioner on the Environment, Alaska

AT 5 P.M.

YOUNTS CONFERENCE CENTER
ADDRESS

“South Carolina’s Environment:
The State of the State”

BEN HAGOOD
South Carolina House of Representatives

AT 8 P.M.

YOUNTS CONFERENCE CENTER
PANEL TWO

“South Carolina’s Environment:
Acknowledging Reality
and Envisioning Policy for Our State”

MODERATED BY RUDY MANCKE,
Naturalist and SCETV NatureScene series producer

PANELISTS:

DANA BEACH, *South Carolina Coastal Conservation League*
ANN TIMBERLAKE, *Conservation Voters of South Carolina*
BRAD WYCHE, *Upstate Forever*
ANGELA VINEY, *The South Carolina Wildlife Federation*

WEDNESDAY, SEPTEMBER 27 AT 3 P.M.

YOUNTS CONFERENCE CENTER
ADDRESS

“The End of Oil: On the Edge
of a Perilous New World”

PAUL ROBERTS
Author and Environmentalist
(Book signing of *The End of Oil* following address)

AT 4:30 P.M.

YOUNTS CONFERENCE CENTER
RAPID GLOBALIZATION VERSUS THE ENVIRONMENT—
BIODIVERSITY, SUSTAINABILITY AND THE WORLD ECONOMY

“The Earth: Biodiversity and
the Future of Amazonia”

WILLIAM LAURANCE
*Smithsonian Tropical Research Institute,
Director of the Manaus Project*

“The Global Economy and
Environmental Sustainability”

PATRICIA ADAMS
Executive Director of Probe International, Canada

AT 8 P.M.

YOUNTS CONFERENCE CENTER
PANEL THREE

“Our Planet, Our Country, and the
Environment: Acknowledging Reality and
Envisioning Policy for the 21st Century”

MODERATED BY RUDY MANCKE,
Naturalist and SCETV NatureScene series producer

PANELISTS:

PATRICIA ADAMS, *Probe International, Canada*
JIM HARTZFELD, *InterfaceFLOR Commercial*
WILLIAM LAURANCE, *Smithsonian Tropical Research Institute*
PAUL ROBERTS, *author of The End of Oil*
BILL ROSS, *former Commissioner on Environment, Alaska*

JOHN H. GLENN was born on July 18, 1921, in Cambridge, Ohio. During his early childhood, the family moved to New Concord, Ohio, where Glenn attended primary and secondary school. Following graduation from New Concord High School, Glenn enrolled in Muskingum College and began flying lessons at the New Philadelphia airport, earning his pilot's license in 1941. He left college before earning his degree (he was awarded a bachelor of science in engineering from Muskingum in 1962) and enlisted in the Naval Aviation Cadet Program. He was commissioned in the Marine Corps in 1943.

During his World War II service, Glenn flew 59 combat missions in the South Pacific. Following the war, he remained in the military as a Marine pilot and served as an instructor in advanced flight training. During the Korean conflict, he flew 63 missions with Marine Fighter Squadron 311 and 27 missions as an exchange pilot with the Air Force.

He holds the Air Medal with 18 clusters for his combat service and has been awarded the Distinguished Flying Cross on six occasions. He is the recipient of numerous other honors, including the Congressional Space Medal of Honor.

In 1954, Glenn won an assignment as a Marine test pilot and, in 1957, set a transcontinental speed record for the first flight to average supersonic speeds from Los Angeles to New York. In 1959, he was selected to be one of seven NASA Mercury astronauts from an original pool of 508. Three years later, on Feb. 20, 1962, he made history as the first American to orbit the earth, completing three orbits in a five-hour flight and returning to a hero's welcome.

Glenn retired from the Marine Corps as a colonel in 1965, becoming a business executive with Royal Crown Cola; he served first as a member of the board of directors and then as president of Royal Crown International. During this time, he took an active part in Democratic politics and early environmental protection efforts in Ohio.

In 1974, Glenn was elected to the U.S. Senate, carrying all 88 counties in Ohio. He was re-elected in 1980 with the largest margin of votes in Ohio history. Ohioans returned him to the Senate for the third time in 1986, and, in 1992; he again made history by being the first popularly elected senator from Ohio to win four consecutive terms. He retired from the Senate in 1998.

Glenn returned to space from Oct. 29 to Nov. 7, 1998, as a member of NASA's Shuttle STS-95 Discovery mission, during which the crew supported a variety of research payloads and investigations on space flight and aging. During that mission, Glenn made 134 Earth orbits in 213 hours and 44 minutes.

Glenn has been married to Anna (Annie) Margaret Castor since 1943. They have a son, Dave, a daughter, Lyn, and two grandchildren.

PATRICIA ADAMS is an economist and the executive director of Probe International, an independent think tank and a watchdog of the environmental consequences of Canadian government and corporate activities around the world. Her books include *In the Name of Progress: The Underside of Foreign Aid* (Doubleday 1985), and *Odious Debts: Loose Lending, Corruption and the Third World's Environmental Legacy* (Earthscan 1991). *Odious Debts* exposes the jeopardy of years of loose lending for both the environment of the Third World and its economy, and proposes a legal remedy to place responsibility for the Third World's debt crisis on the parties involved, instead of on First and Third World taxpayers. This legal remedy, known as the Doctrine of Odious Debts, gained worldwide prominence in the aftermath of the invasion of Iraq and is now dominating negotiations over the settlement of all Third World debts.

Adams also edited the English language translation of *Yangtze! Yangtze!*, the extraordinary critique by Chinese experts of the Three Gorges dam, which inspired a democracy movement when it was first published in 1989, led to the postponement of the dam, and was subsequently banned by Chinese authorities. Her books have been translated into Spanish, Bengali, Japanese and Bahasa Indonesia. Adams is also the publisher of Internet news services *Three Gorges Probe* and *Odious Debts Online*.

Before coming to Probe International, Adams worked on a variety of development projects for the International Development Research Centre and Acres International. She taught economics in Jamaica with CUSO, advised the World Council of Churches' energy program and chaired the Nairobi-based Environment Liaison Centre, a coalition of 300 environmental and citizens' groups from around the world. She is a co-founder of the International Rivers Network and the World Rainforest Movement and was an associate editor of the British magazine, *The Ecologist*.

JOHN ARMSTRONG received his bachelor's degree in history from Pomona College in Claremont, Cal., and his master's degree in journalism from the University of California at Berkeley. He then worked for 14 years as a broadcast journalist at CNN in Atlanta and at network affiliates in Denver, Colorado and Salt Lake City, Utah. He was also a Benton Broadcast fellow at the University of Chicago. Armstrong completed his Ph.D. in communication at the University of Utah in 2002; his doctoral dissertation was recognized as the outstanding dissertation of the year by the Broadcast Education Association.

Since the fall of 2002, Armstrong has taught courses in broadcast journalism and mass communication in Furman's Department of Communication Studies. His work with students was recognized in 2004 when he received Furman's Meritorious Advising Award. Armstrong's research interests include media history, media law and policy.

DANA BEACH founded the S. C. Coastal Conservation League in 1989. Since that time, the organization has grown from two staff members and an annual budget of \$90,000 to 23 staff members, with offices in Beaufort, Charleston, Georgetown and Columbia, supported by an annual budget of \$2 million. The Conservation League is recognized as one of the most successful state-level conservation groups in the country, particularly for its work in the field of land use reform. The Conservation League works with citizens and government to develop policies that promote sustainable patterns of development for people and the environment.

Beach graduated *magna cum laude* from Davidson College with a degree in mathematics. He earned an MBA from the Wharton School of the University of Pennsylvania. After working in New York City in investment banking, Beach moved to Charleston where he served as a legislative assistant to Congressman Arthur Ravenel, Jr. He is the recipient of a variety of awards including the Order of the Palmetto and *Time Magazine for Kids'* "Hero for the Planet." He is the author of the Pew Oceans Commission's publication, *Coastal Sprawl: The Impacts of Development on Aquatic Ecosystems in the United States*.

JOHN BRAY, a Washington, D.C., native, has been a journalist for more than 20 years, working as a reporter and editor in seven states. He has written for publications ranging from a 7,000 circulation daily on Maryland's Eastern Shore to *The New York Times*. He was a Knight Center for Specialized Journalism Fellow at the University of Maryland and a Michigan Journalism Fellow at the University of Michigan. He joined *The Greenville News* (S.C.), as an assistant city editor in 2000.

NICHOLAS CHARALAMBOUS is an assistant city editor at the *Anderson Independent-Mail* (S.C.), where he is responsible for assigning and editing local news coverage and handling collaboration with the newspaper's Web site.

He is a native of London, England, and holds degrees in journalism and English language and literature.

As a reporter at the *Independent-Mail*, Charalambous covered government, with an emphasis on community development, transportation and environment. During his career he also has covered business, courts and general assignments.

SAMMY FRETWELL is a staff writer for *The State* (S.C.), and a native South Carolinian. He began his newspaper career 22 years ago. He worked as an environment and projects writer at *The State* since 1994, and has written extensively about natural resources, hurricanes, pollution threats and environmental regulation.

In 1995, he was co-winner of the Scripps Howard Foundation First Amendment Award for coverage of previously unknown contamination at a recycling plant near Columbia. This past year, he was recognized by the S.C. Press Association for stories about an underprivileged neighborhood's 20-year struggle with the government for clean drinking water. Fretwell also was recognized by the Press Association for his coverage of the 2005 train wreck and chemical leak in Graniteville.

State conservation groups named Fretwell journalist of the year in 1996, 2000 and 2003. In 2006, *The State* newspaper named Fretwell winner of the paper's Ambrose E. Gonzales award. A 1983 graduate of the University of South Carolina, Fretwell worked at *The Sun News* of Myrtle Beach before moving to *The State*.

BEN HAGOOD, a member of the S.C. State House of Representatives since 2002, is a lifelong resident of Charleston County, S.C. He completed a B.A. with distinction at the University of Virginia and earned his J.D. from the University of South Carolina School of Law where he was a member of the South Carolina Law Review.

He has served as the assistant United States attorney for the District of South Carolina where, during his seven years of service as a federal prosecutor, he handled cases involving environmental, drug and white collar crime. This experience has served him well as a member of the judiciary committee in the S.C. House of Representatives.

As the founding member and managing partner of Hagood & Kerr, located in Mt. Pleasant, Hagood has focused his practice on the areas of environmental and business law. He also serves as a director and officer of the William M. Bird and Company, the largest floor covering distributor in the Southeast.

As an environmental specialist, Hagood received the 2005 South Carolina Wildlife Federation Legislative Conservation Award and the 2006 Maritime Association for the Port of Charleston Legislator of the Year.

Hagood has also served his community as a board member of Agape Ministries of Charleston, S.C. Coastal Conservation League, Charleston Habitat for Humanity, and the Trident Literacy Association.

JIM HARTZFELD serves as the managing director, InterfaceRAISE and vice president of sustainable strategy, InterfaceFLOR Commercial.

As vice president of sustainable strategy for InterfaceFLOR Commercial, Hartzfeld pursues the objective of making sustainability understandable and accessible in the marketplace through education and knowledge. He shares the vision of Ray Anderson, chair and CEO of Interface, that business and industry can save the Earth and serve its shareholders.

Hartzfeld's enthusiasm, conviction and leadership in sustainable development make him a sought after speaker throughout the world. His informative, dynamic and motivating speeches cover topics such as sustainable product design, the environmental impact of buildings, LEED certification and selling sustainability to your clients. He has been quoted in numerous publications, including *Wall Street* and *Fortune* Magazine, and he co-authored Interface's globally recognized Sustainability Report with Paul Hawken and others.

Keeping pace with leading-edge concepts, policies and practices in sustainable development, Hartzfeld serves as a clearinghouse for ideas and concepts that continue to guide individuals and organizations ever higher in the quest to become more sustainable.

Hartzfeld's business network includes the World Business Council for Sustainable Development and the President's Council on Sustainable Development (PCSD) where he served as Ray Anderson's liaison. Working closely with PCSD, he helped organize the "National Town Meeting" held in Detroit, Mich., on May 2–5, 1999, where he appeared with actor Ed Begley, Jr. in the opening ceremonies. He served two terms as chair of the board for the U.S. Green Building Council, and continues to work closely with them.

Hartzfeld holds a degree in chemical engineering from the University of Missouri and an MBA from the Goizueta Business School of Emory University.

DAVID LAUDERDALE, columnist for the *Island Packet*, Hilton Head Island, S.C., writes three front-page columns weekly in the daily newspaper that serves Hilton Head Island and southern Beaufort County. He has won the President's Award, the top journalism award of the *Island Packet's* parent company, The McClatchy Company. Lauderdale has also served as editorial page editor and managing editor at the *Island Packet*.

Lauderdale has received numerous awards for his writing including the Harry R.E. Hampton Award presented by the S.C. Wildlife Federation for excellence in natural resources journalism, ten first-place writing awards from the S.C. Press Association and has placed four times in its competition for the E.A. Ramsaur Award for Editorial Writing. Additionally, he has placed twice in the Carmage Walls Commentary Prize competition for outstanding local commentary for his editorials against dumping dredged muck in Calibogue Sound.

Lauderdale is a graduate of Erskine College and holds a master's degree from Pepperdine University.

WILLIAM LAURANCE is a senior scientist at the Smithsonian Tropical Research Institute in Panama and at the Biological Dynamics of Forest Fragments Project in Brazilian Amazonia. His research is focused on assessing the impact of intensive land uses, such as habitat fragmentation, logging and wildfires on tropical ecosystems. He is also broadly interested in global change phenomena and in conservation policy.

Laurance received his Ph.D. from the University of California, Berkeley, in 1989 and then held research and postdoctoral positions with the CSIRO Tropical Forest Research Centre in Australia before joining the Smithsonian Institution in 1996. For the past decade his research has focused mainly on Amazonia and Central Africa, but he has also studied and traveled extensively in tropical Asia, New Guinea, and Central America.

He is a prolific writer, having published four books and more than 220 scientific and popular articles. His most recent book, *Emerging Threats to Tropical Forests*, published this summer, documents a panoply of new, emerging and poorly understood perils for tropical ecosystems worldwide.

A leading voice for tropical forest conservation, Laurance firmly believes that scientists must engage policy makers and the general public, in addition to other scientists. He has received a number of professional awards and is a fellow of the American Association of the Advancement of Science and World Innovation Foundation. He is currently president of the Association for Tropical Biology and Conservation, the world's largest scientific organization devoted to the study and wise use of tropical ecosystems.

RUDOLPH (RUDY) MANCKE is a distinguished lecturer in natural history at the School of the Environment, University of South Carolina. He has also served as director of science and nature programming, S.C. Educational Television, 1985–2002; host for *NatureScene* Series: S.C. Educational Television, 1978 to present; Founder of SCAN (S.C. Association of Naturalists), 1978 to present; and curator of natural history, S.C. State Museum, 1975–1985.

He earned his B.S. degree from Wofford College, graduating Phi Beta Kappa, and his graduate degree in zoology from the University of South Carolina.

Manke is the recipient of numerous awards including the Southern Educational Communications Association Award for *NatureScene*, 1980 and 1982; Environmental Education Association Award for *NatureScene*, 1982; Special Achievement Award, National Wildlife Federation, 1987; Governor's Award for Excellence in Science, 1991; S.C. Environmental Awareness Award, 1992; Order of the Palmetto, 1993; S.C. Hall of Science and Technology Inductee, 1997; Charles H. Townes Award, 2000; and the Regional Director's Conservation Award, U.S. Fish and Wildlife Service, 2003.

BO PETERSEN, a general assignment reporter for the *Post and Courier*, Charleston, S.C., reports primarily on the environment and related issues.

Petersen has been with the *Post and Courier* for nine years. Prior experience includes 10 years with *The Gaston Gazette*, Gastonia, N.C., and a year with *New Bern Sun Journal*, New Bern, N.C. Petersen has more than 30 years of freelance credits that include journalism, writing and poetry, and he has published professionally since he was 17 years old.

He has won or contributed to the state's press association awards for public service, spot news, investigative series, enterprise, and feature writing in North Carolina and South Carolina.

Petersen is most proud when one of his stories inspires action in the community. For example, he once wrote a story about a tract of rare, bigleaf magnolia that had been re-discovered on the property where it was first documented by the French explorer and botanist, Andre Micheaux. As a result, a private property owner agreed to conserve the tract as a nature preserve with trails.

Petersen spends his free time kayaking and playing the guitar upside down and backwards.

PAUL ROBERTS, a journalist since 1983, writes and lectures frequently on the complex interplay of economics, technology and the natural world. *The End of Oil: On the Edge of a Perilous New World* is his first book.

Roberts writes for *Harper's Magazine* and *The Los Angeles Times*, and has appeared in *The Washington Post*, *Slate*, *USA Today*, *The New Republic*, *Newsweek*, *Rolling Stone*, and *Outside* magazine. He was a finalist for the National Magazine Award (1999) and for the New York Public Library Helen Bernstein Book Award for Excellence in Journalism in 2005.

A long-time observer of energy issues and politics, Roberts appears regularly on national and international television and radio news shows, including CNN's *Lou Dobbs*, the BBC, PBS's *NewsHour*, MSNBC, CBS's *Evening News*, and on NPR's *Morning Edition*, *On Point*, *Weekend Edition*, and *Fresh Air*.

BILL ROSS, president and founder of Ross & Associates Environmental Consulting located in Seattle, Washington, has nearly twenty years of experience in public policy issues, including ten years as a public official for the state of Alaska. He recently was awarded the first President's Award from the Environmental Council of the States (ECOS), a nationwide association of state environmental commissioners. Ross & Associates is committed to helping environmental and natural resources agencies improve management programs and achieve better environmental results. The firm, founded in 1987, helps agencies set strategic direction and policy, solve problems, improve performance and environmental results, develop innovative management approaches and evaluate effectiveness and progress.

Ross is a respected advisor and convener of public agencies and officials in a wide-ranging array of issues and situations. He is renowned for his ability to assist clients with understanding the essence of their organizational and issue-specific challenges and is a skilled facilitator and mediator, expert in both group dynamics and organizational structures. Under his leadership, he has led the firm to a national reputation in assisting public environmental agencies in managing change and succeeding in establishing integral skills and relationships to sustain that change.

ANN TIMBERLAKE was a founding member of the Sierra Club in the Carolinas and chaired the LeConte Chapter (both North Carolina and South Carolina) in 1976. Since 2003, she has served as the first Executive Director of Conservation Voters of South Carolina.

Timberlake holds a B.A. degree in history from Newcomb College of Tulane University and is a lifelong resident of Columbia, S.C. She has volunteered for numerous state and local political campaigns and was appointed to the S.C. Commission on Women by Governor Jim Hodges. Additionally, she has experience in business, having owned and operated "The Purple Cow," a neighborhood grocery store.

ANGELA VINEY has been the president and CEO of the S.C. Wildlife Federation since January 1997. Her main thrust during this time has been to return the organization to its roots in the traditional outdoor sports of hunting and fishing, while educating members and the general public on the importance of conservation of our natural resources.

Through her leadership, Viney has brought together a network of conservation organizations that are working on environmental advocacy issues statewide. She also has been instrumental in re-establishing an effort to introduce youngsters to the outdoors through various educational opportunities.

A native of West Virginia and a graduate of the University of South Carolina, Viney received a B.S. degree in business administration with a major in marketing. Her career has been focused exclusively on nonprofit management with 20 years of service in various capacities with the American Red Cross prior to joining the federation.

The recipient of the Charlie Shaw Conservation Partnership Award from the National Wildlife Federation and the Evelyn Thayer Chace award from Audubon South Carolina, Viney works tirelessly to protect the state's wildlife habitat, the rights of the hunting and fishing communities, and natural areas. The oldest of six children and the daughter of a West Virginia coal miner, her conservation ethic can be traced to her roots: "As a child I was taught to respect and appreciate all of God's creations and creatures—animal and human. I was instilled with a sense of coexistence, equality and tolerance. This foundation serves me well as we strive for balance in this ever growing state."

BRAD WYCHE, a native of Greenville, S.C., left Wyche, Burgess, Freeman & Parham law firm in 1998 and founded Upstate Forever, a non-profit, membership-based organization promoting sensible growth and the protection of special places in the Upstate region of South Carolina. Under his leadership as Upstate Forever's executive director, the organization has increased its membership to more than 1,700 and its staff to 14 people.

Wyche attended Greenville High School, graduated cum laude from Princeton University, earned a master's degree in natural resource management from Yale University, and a J.D. degree from the University of Virginia School of Law.

He has served his community in numerous capacities including: cofounder and president, Friends of Reedy River; chair, S.C. Board of Health and Environmental Control; member, S.C. Coastal Council; member, Urban Land Institute's South Carolina Smart Growth Initiative; president, S.C. Land Trust Network. Additionally, he is the recipient of several awards and honors including the S.C. Environmental Awareness Award from the S.C. General Assembly and the James S. Dockery, Jr., Southern Environmental Leadership Award.

Wyche is the co-author of the S.C. Bar Association's *Guide to Environmental Law in South Carolina*. He authored "An Overview of Land Use Regulation in South Carolina," published in the *Southeastern Environmental Law Journal*, and "The Regulation of Toxic Pollutants Under the Clean Water Act," in *The Environmental Law Manual*. He has also written numerous articles in legal journals relating to environmental and natural resource protection issues, as well as guest editorials in *The Greenville News* and *Spartanburg Herald-Journal* on land use and conservation issues.

This conference is presented in partnership with:

*South Carolina Research Authority
The Mayville Foundation
Mast General Store
Furman's "Year of the Environment"
Furman Department of Economics
Furman Department of Political Science*

and co-hosted by

*Conservation Voters of South Carolina
South Carolina Coastal Conservation League
The South Carolina Wildlife Federation
Upstate Forever*



FURMAN

THE RILEY INSTITUTE
FURMAN UNIVERSITY
3300 Poinsett Highway
Greenville, S.C. 29613

TELEPHONE: 864.294.3280
FAX: 864.294.3513
www.rileyinstitute.org