

SPEAKER PROFILES
Public Lands & Climate Change Symposium
November 15, 2007



RUTH COLEMAN
Director
California State Parks

Ruth Coleman has served as director of the Department of Parks and Recreation since 2003. She previously served as chief deputy director and deputy director for legislation from 1999 to 2002.

Before coming to State Parks, Ms. Coleman worked as Policy Director for Assemblywoman Helen Thomson for one year, responsible for legislative issues relating to water, agriculture and land use. Prior to that, she was Legislative Director for State Senator Mike Thompson, coordinating his legislative agenda and providing staff leadership on such major environmental legislation as park bonds, salmon and steelhead restoration, and the protection of the Headwaters Forest.

Ms. Coleman has also worked for the Air Resources Board in the electric vehicle program and the Office of the Legislative Analyst, focusing on fiscal and policy issues in the natural resources area, particularly the Department of Parks and Recreation and the Department of Fish and Game. Prior to her work in Sacramento, she spent three years teaching mathematics as a Peace Corps Volunteer in Swaziland, Southern Africa.

Ms. Coleman received her Master in Public Administration from Harvard University, and a B.A. in Economics from Occidental College.

MICHAEL R. EATON
Executive Director
Resources Legacy Fund

Mike Eaton joins RLF and RLFF in June 2007 to provide executive leadership and vision. In this role, he develops and implements the organizations' long-term objectives, develops and coordinates conservation program areas, oversees external communications, and is responsible for donor relations.

Mr. Eaton brings with him diverse experience of work in the public, private, and non-profit sectors. Most recently, Mike served for more than a decade as a Senior Project Director with The Nature Conservancy, overseeing the Conservancy's work in the Cosumnes River watershed and the North Delta. In that role, he oversaw the growth of the Cosumnes River Preserve from fewer than 5,000 acres to nearly 50,000 acres and pioneered a number of innovative conservation strategies and partnerships. Prior to joining The Nature Conservancy, Mr. Eaton headed his own private consulting practice, with clients in the renewable energy, hazardous waste processing, and real estate development industries. Early in his career he worked for the California Resources Agency, the Governor's Office of Planning and Research, and the Sierra Club. He serves on the board of Valley Vision and is an advisor to the California Institute for Public Affairs.





RICK FRANK
Executive Director
California Center for Environmental Law & Policy
University of California, Berkeley Law School

Richard Frank joined Boalt Hall in 2006 from the California Department of Justice, where he served as the chief deputy attorney general for legal affairs. Frank was the Attorney General's principal liaison to state government, the Legislature and judiciary. He is an expert in environmental law, land use, energy issues and property rights. Frank serves as the executive director of the California Center for Environmental Law & Policy (CCELP).

Following law school, Frank worked as a staff attorney for the U.S. Federal Energy Administration in Washington, D.C., for two years. In 1976, he embarked on a 30-year career in California government when he joined the California Energy Commission as a staff counsel. The following year, he began his association with the California Department of Justice as a deputy attorney general in the Land Law Section. In this position, he handled litigation focused on the management of public lands, regional land use planning programs and energy resource development. Frank also held supervisory and senior positions within the Land Law Section, as well as a supervisory post in the Government Law Section. In 1999, he assumed the position of chief assistant attorney general in the Public Rights Division. In 2003, as chief deputy, he became the top legal adviser to the Attorney General, overseeing all civil and criminal litigation within the state Department of Justice.

Frank has taught a seminar at Boalt in California environmental issues since 2005. As a professor at Lincoln Law School of Sacramento since 1982, he has instructed on civil procedure, federal courts, environmental law, negotiations and alternative dispute resolution, and was the recipient of the school's outstanding professor award in 1986. Periodically, he has taught environmental law at UC Davis and the UC Davis School of Law.

His publications include *The Takings Issue: Constitutional Limits on Land Use Control and Environmental Regulation* (with Meltz and Merriam, 1998); "Inverse Condemnation Litigation in the 1990's—The Uncertain Legacy of the Supreme Court's Lucas and Yee Decisions" in the *Journal of Urban & Contemporary Law* (1993); "The Public Trust Doctrine" in *California Environmental Law* (1989); and "Forever Free: Navigability, Inland Waterways and the Expanding Public Interest" in the *U.C. Davis Law Review* (1983).



SUSAN HACKWOOD
Executive Director
California Council on Science and Technology

Susan Hackwood is currently Executive Director of the California Council on Science and Technology, and Professor of Electrical Engineering at the University of California, Riverside. CCST is a not-for-profit corporation comprised of 150 top science and technology leaders sponsored by the key academic and federal research institutions in the California, which advises the state on all aspects of science and technology including nanotechnology, stem cell research, intellectual property, climate change, energy, information technology, biotechnology, technical workforce development and education.

Dr. Hackwood received a Ph.D. in Solid State Ionics in 1979 from DeMontfort University, UK. Before joining academia, she was Department Head of Device Robotics Technology Research at AT&T Bell Labs. In 1984 she joined the University of California, Santa Barbara as Professor of Electrical and Computer Engineering and was founder and Director of the National Science Foundation Engineering Research Center for Robotic Systems in Microelectronics.

Dr. Hackwood has worked extensively with industry, academic and government partnerships to identify policy issues of importance to the country's citizens. She is also an active participant in regional and state economic development. With a strong interest in science and technology policy, Dr. Hackwood is currently involved with science and technology development in California, the U.S., Mexico, Ireland, Taiwan and Costa Rica. She has been appointed as an Honorary

Member of the Comision Asesora en Alta Tecnologia for Costa Rica and the California-Mexico Commission on Education, Science and Technology. In 2003 she was appointed a member of the AAAS Committee on Science Engineering and Public Policy and is the 2007-8 Chair. From 2000-2 she was a member of the AAAS Engineering Delegate and is currently Chair of the Section on Societal Impacts of Science and Engineering. She is a member of the IEEE Spectrum Editorial Board. She has also served on the Board of Directors and consults on new product development for several electronics companies.



MARC HOSHOVSKY
Senior Conservation Biologist, Habitat Conservation Branch
California Department of Fish and Game

Marc is an ecologist with degrees in biology and geology. He has worked with the California Department of Fish and Game since 1986.

During that time, he has coordinated the Department's statewide Significant Natural Areas (SNA) Program, helped develop and staff the California Biodiversity Council and the California Legacy Project, served as an advisor for several statewide reports on the state's biodiversity, Co-authored California's state wildlife plan, and co-edited Invasive Plants of California Wildlands.

He currently provides state-level policy guidance for several regional conservation plans (Natural Community Conservation Plans) throughout California. Marc is developing a statewide effort to assess habitat connectivity, in conjunction with Caltrans, State Parks, University of California, and others.

His involvement in climate change includes serving as the DFG representative on the Joint Agency Climate Team from 2001-2003, ensuring that the state wildlife plan included climate change, developing this presentation for California's natural resource professionals to raise their awareness of ecological impacts from climate change.



DANIEL M. KAMMEN
Professor, Energy and Resources Group
Director, Public Policy, Renewable and Appropriate Energy Laboratory
University of California, Berkeley

Dan Kammen has intensive research interest studies in Science and Technology Policy focused on energy, development and environmental management. Technology and policy questions in developing nations, particularly involving: the linkages between energy, health, and the environment; technology transfer and diffusion; household energy management; renewable energy; women; minority groups. Global environmental change including deep cuts in greenhouse gas emissions and resource consumption. Other focus: Environmental and technological risk. Management of innovation and energy R&D policy. Geographic expertise: Africa; Latin America.



CRAIG MORITZ, PHD
Director, Museum of Vertebrate Zoology
Professor, Integrative Biology
University of California, Berkeley

Craig Moritz is a long-time leader in the study of molecular evolution and molecular systematics. His studies include work on beetles, birds, bats, nematodes, and mollusks but have concentrated on reptiles and amphibians. He has been Professor of Integrative Biology and Director of the Museum of Vertebrate Zoology at the University of California at Berkeley since 2001, and at various times, Chair of the Berkeley Natural History Museums. He was elected a Fellow of the California Academy of Sciences in 2002.

DON L. NEUBACHER
Superintendent
Point Reyes National Seashore

Don Neubacher began his tenure as Superintendent at Point Reyes National Seashore in February 1995. Point Reyes has a budget of approximately \$14 million, serves over 2.0 million visitors annually, and has a staff of 150 during peak visitation periods. Located in the San Francisco Bay Area, the park has 1200 volunteers and over 60 partner organizations helping fulfill the mission of the National Park Service.

Mr. Neubacher's 20 plus year career in the National Park Service (NPS) has included appointments at Glacier Bay National Park, Denver Service Center, Golden Gate National Recreation Area and serving as the Deputy General Manager for the Presidio of San Francisco from January 1992 until February, 1995. Formerly, Don was a lecturer at California's Humboldt State University in northern California.

Mr. Neubacher's professional history includes interpretive, recreational, and park planning; exhibit design; park and land use management; and park partner/partnership development. During his career, he has developed expertise in strategic planning, partnerships, science-based management, and cooperative conservation. He served as the Co-Chair of the Natural Resource Challenge Council that was successful in generating \$75 million in Congressional funding for enhancement of NPS resource management activities.



LYDIA RIES, PHD
Post-Doctoral Research Scientist
Donald Bren School of Environmental Science and Management
University of California, Santa Barbara

Lydia Ries received her Ph.D. from the University of Virginia's Department of Environmental Sciences in 2007 while working with Hank Shugart. Her dissertation research explored nutrient and light limitations on vegetation in the savannas of southern Africa. She spent part of her graduate career in Zambia, Botswana and South Africa collecting field measurements and collaborating with the University of Botswana and the South African National Biodiversity Institute. Currently, Lydia is a post-doctoral research scientist at the Bren School of Environmental Science and Management at UC Santa Barbara. She is working with Lee Hannah and Frank Davis on predicting shifts in species' ranges under various climate change scenarios. She most recently presented her modeling work on climate change impacts on California tree species at the 4th annual California Climate Change Conference.

SAM SCHUCHAT
Executive Officer
The State Coastal Conservancy

Samuel P. Schuchat became Executive Officer of the Coastal Conservancy in July 2001. He was previously the Executive Director of the Federation of State Conservation Voter Leagues, the trade association of 26 environmental Political Action Committees (PAC) in as many states. For six years he also served as the Executive Director of the California League of Conservation Voters, the nation's largest and oldest state environmental PAC with 25,000 members.

Mr. Schuchat was the vice-president of the California Fish and Game Commission, on which he served from 1999 to 2003. He has an extensive background in fund-raising and management of not-for-profit organizations. He has worked as a community and union organizer, has raised money for community art projects, and was the deputy director of Sacramento AIDS foundation in the late 1980s.

He received his BA in Political Science at Williams College in Williamstown, Massachusetts, in 1983, and his MA in Public Administration at San Francisco State University in 1989. He is an avid birdwatcher and has backpacked all over the Eastern and Western United States. He resides in Oakland with his wife and daughter.



REBECCA SHAW, PHD
Chief of Science and Planning
The Nature Conservancy

Dr. Rebecca Shaw is a conservation biologist who focuses impacts of global environmental change on ecological systems, ecological processes and human well-being. Dr. Shaw received a master's degree in environmental policy and a doctorate in energy and resources from the University of California at Berkeley. Rebecca Shaw has conducted climate change research on the impacts of climate change on natural systems for 16 years, including projects focused on changes in biodiversity and ecosystem function, climate change adaptation and vulnerability, and incorporating climate change into natural resource and conservation planning. Dr. Shaw has published widely on the impacts of climate change in leading journals including *Science* and *Nature*. As Director of Conservation Science at The Nature Conservancy (TNC) of California, she is responsible for managing an interdisciplinary team of scientific and technical experts for incorporating the best available scientific information into the full array of TNC programs.



VICTORIA SORK
Chair and Professor, Ecology and Evolutionary Biology
University of California, Los Angeles

My research examines contemporary and historical gene flow in plant populations from both an evolutionary and conservation perspective. This focus stems from an interest in the interaction between gene flow and natural selection on the genetic structure of tree populations from an evolutionary and conservation perspective. Over the years, I have been interested in plant mating systems, seed dispersal, and demography of plants in tropical and temperate ecosystems. The scale of my research has ranged from the local site to landscape. One big thrust of my research program is the study of pollen and seed movement at a landscape scale. Using molecular markers and novel statistical approaches, we have shown that contemporary gene movement results in a much more restricted local neighborhood than previously thought, which accounts for the great extent of local adaptation in plant populations and also calls into question the risk of genetic drift. For the past five years, through two awards from the National Science Foundation to first study pollen movement and now to assess seed movement in California valley oak (*Quercus lobata*), a species threatened by human disturbance and population decline. We have been involved in the development of new statistical approach to the study of contemporary gene movement that can be applied to many temperate, tropical, pristine and disturbed study systems. A second area of interest is landscape genetics and phylogeography. We have a statewide study of historical gene flow in several oak species. Another major project involves the phylogeography of the epiphytic lace lichen, *Ramalina menziesii*, which uses oaks as host trees where they overlap but has a broader distribution from Baja California to Alaska. We apply many of our findings to conservation topics, including landscape fragmentation and design of reserve networks.



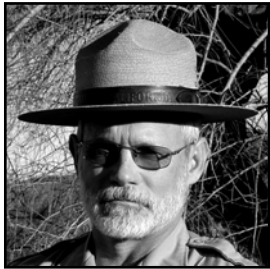
WILL TRAVIS
Executive Director
San Francisco Bay Conservation and Development Commission

Will Travis, who is the executive director of BCDC—the San Francisco Bay Conservation and Development Commission—received Bachelor of Architecture and Master of Regional Planning degrees from Penn State University.

Will began his professional career as an assistant planner and urban designer at BCDC between 1970 and 1972. He then spent a year as a consultant on the master plan for the East Bay Regional Park District. In 1973, he joined the staff of the newly-established California Coastal Commission where, between 1973 and 1985, he held a number of positions including heading the coastal agency's offshore oil drilling permit staff, directing its public access program, and overseeing its budget and administrative functions. He returned to BCDC in 1985 and spent the next ten years as the Commission's deputy director. He has been BCDC's executive director since 1995.

He served as the chairman of a trustee committee which managed a multi-million dollar oil spill settlement fund set up by Shell Oil Company after a 1988 oil spill in San Francisco Bay. In that capacity, he spearheaded the public acquisition of 10,000 acres of privately-owned salt ponds along the northern shoreline of San Francisco Bay so the ponds can be restored to coastal wetlands.

Will has been a lecturer at universities throughout North America, has written many articles, and has provided professional advice to other states and nations. He has served on the boards of directors of a number of professional and civic organizations, served on the Berkeley city planning commission, and is currently chairman of a special committee that is working with the University of California to formulate a new plan for downtown Berkeley.



MICHAEL L. WELLS, PHD
Superintendent, Colorado Desert
California State Parks

Mike Wells was appointed in February 2006 as the District Superintendent for Colorado Desert District, capping a long and varied State Parks career. Mike began as a State Park Ranger in 1975 and worked in seven different State Parks over the next ten years. These assignments included the beaches and deserts of southern California as well as western Sierra Nevada foothills. In 1984 Mike became a State Park Resource Ecologist and accepted a job as manager of a watershed restoration project at Humboldt Redwoods State Park. The following year he assumed leadership of the State Parks fire management program for southern California. In this assignment he directed prescribed fire operations in State Parks and acted as the State Park representative for fire suppression activities. In 1992 he became District Ecologist for San Diego Coast District and managed several natural resource restoration projects. In 2002 he became Superintendent of South Sector, San Diego Coast District which included acting as Reserve Manager for the Tijuana River National Estuarine Research Reserve in Imperial Beach. He was promoted in November of 2004 to the position of District Superintendent for Mendocino District along the Northern California coast.

Mike received a BA in Environmental Studies from UC Santa Barbara in 1974, an MA in Physical Geography from San Diego State University in 1994, and a Ph.D. in Biogeography in a joint program from UCSB and SDSU in 2001. His original research in the area of fire ecology has been published in the journals *Hydrobiologia*, *The Journal of Plant Ecology* and *The Journal of Landscape Ecology*.



MICHAEL WHITE
Senior Ecologist
Conservation Biology Institute

Dr. Michael White is a Senior Ecologist with the Conservation Biology Institute. He has over 20 years of project experience throughout the southwestern U.S. and the Pacific Rim. He received his Ph.D. from the San Diego State University and U.C. Davis Ecology Joint Doctoral Program. Mike is an Adjunct Associate Professor in the Biology Department at San Diego State University. He serves on the Science Advisory Panel of the Southern California Wetlands Recovery Project, the County of San Diego's Biological Advisory Panel, and the Scientific Advisory Group for the San Diego Tracking Team, a volunteer-based non-governmental organization. Mike regularly consults with a variety of conservation organizations throughout California.

Mike worked for 10 years in the private-sector environmental consulting industry and the last 9 years at the non-profit Conservation Biology Institute. His academic training is in limnology and community ecology, and his project experience includes multiple species conservation planning, watershed management, riparian and stream assessments and restoration planning, environmental impact analyses, resource management planning, ecological risk assessments, and regulatory compliance for wetlands and endangered species. Mike is currently working on landscape-scale conservation planning and assessment projects—ranging in size from nearly 300,000 acres to over 6 million acres—in the northern Sierra Nevada, Tehachapi Mountains, California-Baja California border region, and Colorado Desert.