

AT A GLANCE

THE BASICS

Director: Mark W. Schwartz, professor, environmental science and policy

Mission: To improve the scientific foundation for making decisions on environmental issues through the application of research and to facilitate the exchange of information and communication between policymakers, resource agencies, academic scientists and the public through effective solutions-oriented research and outreach programs.

Who: Seven centers, one research initiative, 125 principle investigators and Co-PIs, 137 affiliated faculty from seven colleges and professional schools, and more than 200 graduate students and 40 postdoctoral scholars in the most recent three year period.

Budget and funding: \$11- \$13 million annually

Sources: Federal, state, regional and local governments; business, foundation, and private grants, gifts; UC Davis

WHAT MATTERS YOU?

Water: The Sacramento-San Joaquin Delta is an ecosystem in crisis that provides water to 25 million Californians and to irrigate three million acres of agriculture. A static, freshwater Delta is no longer sustainable, with the high likelihood of significant disruption to state water supplies.

Sustainability: Our state, and our planet, is faced with a rapidly growing human population and the desire to maintain an increasingly high quality of life for each and every person. How is the planet's biosphere to be managed to support a sustainable future?

Mission Driven Research: At a time when some may question the value and status of academic knowledge, JMIE facilitates university involvement in society's environmental problems, trains graduate students in real-world practice, builds university-community partnerships, learns from the relationship between researchers and research users, and promotes social and environmental justice.

MAJOR ACTIVITY AREAS

Policy – Scientific discovery and solutions for pressing environmental challenges. Our faculty regularly:

- conduct white paper policy analyses examining issues ranging from alternatives for Delta management, transportation infrastructure, farm worker housing, and climate change.
- collaborate with agencies, NGOs, consultants, academic researchers, and others to develop and apply natural resource models.
- train a new generation of interdisciplinary environmental policy and management professionals.

Partnerships – Working with communities for sustainable, affordable solutions. Our programs include:

- providing technical assistance to help small, public water systems comply with minimum drinking water regulations, increasing the availability of safe water for all Californians.
- facilitating place-based learning and greater access to resources and expertise as graduate students work directly with people in communities to solve local environmental challenges.
- stewardship of natural reserves, holding in trust and carefully studying unique ecosystems, providing access to those protected places and the knowledge we've gleaned from them.

Research – Seeking answers to real-world questions. Our faculty continue to discover through:

- five decades of research on Lake Tahoe, finding collaborative solutions for protecting this national treasure in the midst of the local population and recreational use of the region.
- examining the relationships between agricultural, occupational, and community environments and human health.
- investigating environmental justice issues as they pertain to race, as well as to class and gender.

HOW TO LEARN MORE

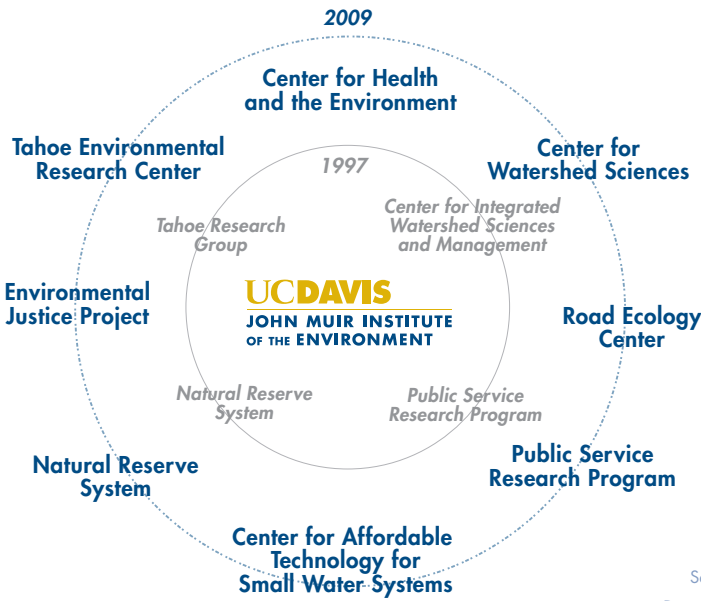
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EVOLUTION OF AN INSTITUTE

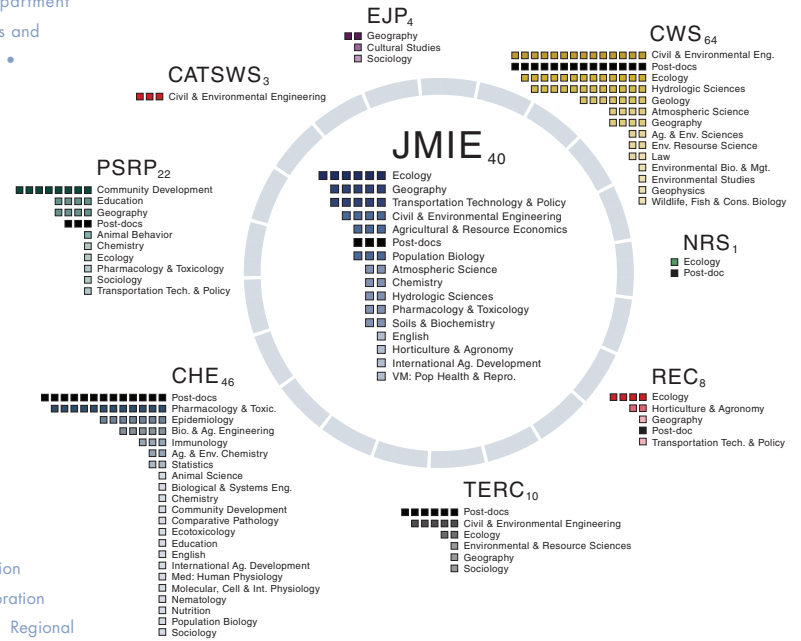


Conservancy • DWR • East San Joaquin Water Quality Coalition • Electric Power Research Institute • Environmental Leadership Project • Farm Safety Program • Filipino Farm Community • Flora Family Foundation • Ford Foundation • Goldman Fund • Great Valley Center • Haas Sr/Haas Jr Fund • Hmong American Community • Imperial Irrigation District • Interagency Ecological Program • James Irvine Foundation • Jesse Smith Noyce • Kaiser Permanente • Kellogg Foundation • King Biomedical Foundation • La Union Entero Del Pueblo • Lahontan Regional Water Quality Control Board • Lake Tahoe Water and Transportation Coalition • Latino Issues Forum • League to Save Lake Tahoe • Long's Foundation • Maidu Cultural and Development Group • Mead Foundation • Migrant Clinicians Network • National Rural Funders Collaborative • Natural Resources Defense Council • NIEHS • North Coast Regional Water Quality Control Board • North Delta Task Force • Northwest National Labs • Office of Environmental Health Hazard Assessment • Packard Foundation • Peninsula Community Foundation • Planning and Conservation League • Point Reyes Bird Observatory • Public Policy Institute of California • Putah Creek Council • Redefining Progress in Oakland • Resources Legacy Foundation • Rocky Mountain Biological Lab • Rumsey Foundation • Rural Community Assistance Corporation • Sacramento Regional Foundation • Sacramento Valley Watershed Coalition

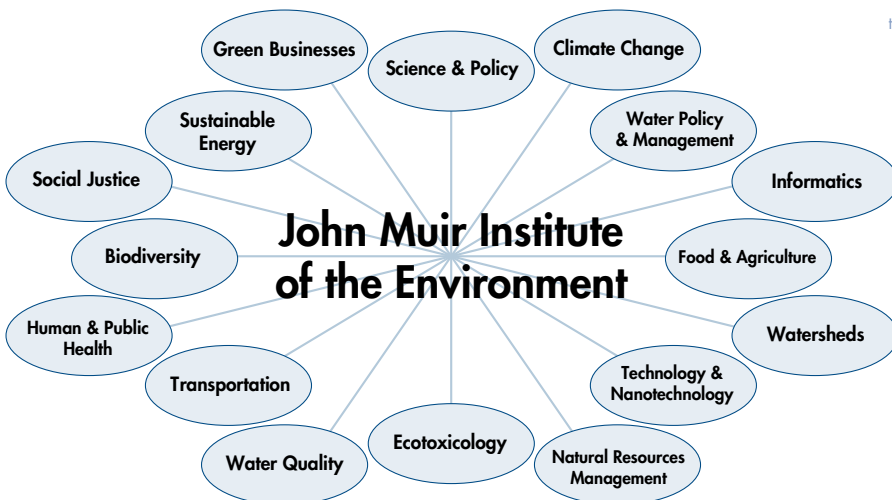
PARTNERS

Agency for Toxic Substances and Disease • Agricultural Ergonomics Research Center • Air Resources Board • Almond and Peach Commodity Boards • American Lung Association • American Planning Association • American River Conservancy • Asian Pacific Environmental Network • Audubon Society • AWWRF • Bay Delta Consortium • CABA • CAL EPA • CALFED • California Coastal Conservancy • California • Communities Program • California Conservation Corp • California Energy Commission • California Food • and Agriculture • California Hydropower Reform Coalition • California Independent Petroleum • California Institute for Rural Studies • California OSHA • California Planning Roundtable • California Public Health Dept. • California Resources Agency • California Rural Legal Assistance • California State Lands Commission • California Tahoe Conservancy • Caltrans • CALTROUT • Central Valley Health Policy Institute • Central Valley Regional Water Quality Board • Clean Beaches Task Force • Coalition for Urban/Rural Env Stewardship • Colorado River Basin Water Quality Control Board • Communities for a Better • Environment • Community Water Center • Compton Foundation • Conservation International • Consumes River Preserves Partners • Defenders of Wildlife • Delta Protection Committee • Department of Boating and Waterways • Department of Fish and Game • Department of Forestry and Fire

TRAINING STUDENTS TO BE THE NEXT GENERATION OF PROFESSIONALS



SOLUTIONS FOR A SUSTAINABLE FUTURE



San Francisco Bay Regional Water Quality District • San Francisco Foundation • Sierra Club • Sierra Institute for Community and Environment • Sierra Nevada Alliance • Sierra Watershed Education Partnerships • Small farm Center • Sonoma Ecology Center • South Yuba Citizens League • Southcoast Wildlands Project • Squaw Valley Institute • Starfire Fund • State Reclamation Board • State Water Resources Control Board • Statewide Integrated Pest Management • Stone Foundation • Surdna Regional Foundation • Sustainable Ecosystems Institute • Sustainable Tahoe • Tahoe Regional Planning Agency • Tahoe Resource Conservation District • Tahoe-Truckee Resource Conservation District • Teichert Foundation • The Natural Heritage • The Nature Conservancy • The Philanthropic Collaborative • Tobacco Related Disease Control Board • Urban Habitat • US Bureau of Reclamation • US Fish and Wildlife Service • US Park Service • USDA • USEPA • Vanguard Public Foundation • Walter Johnson Foundation • Walter/Mott Legacy • Water Education Foundation • Western Center for Agricultural Health and Safety • Western Institute for Food, Safety and Security • Western Rivers Council • Wildlife Conservation Board