

COREHub

Redwood Region Climate & Community Resilience (CORE) Hub

Supporting Transitions to Resilient and Decarbonized Communities

CORE Team

The CORE Hub team and its Advisory Council are globally regarded for research, innovation, community engagement, and design and implementation of decarbonized resilience solutions across energy, transportation, communications, food, water, healthcare, and related lifeline sectors.

More broadly, the Redwood Region is driving and leading these transitions through an internationally recognized research institution at Humboldt State University, the Schatz Energy Research Center that is focused on clean energy and equitable energy access; a sovereign Tribal Nation, the Blue Lake Rancheria, that is implementing leading-edge, climate-smart infrastructure innovation projects; the Redwood Coast Energy Authority, a joint powers agency that grew from energy efficiency beginnings and has built a foundational economic engine for the region as a community choice aggregator; the Humboldt Area and Wild Rivers Foundation, a regional Foundation that is focused on equity, ecology, and a just economy; and many others.

The CORE Hub is a partnership between the foundation—its incubator sponsor—its Advisory Council, and development resources from its strategic partners. The CORE Hub team and its Advisory Council are experts in equitable civic and community capacity building, research, sustainable infrastructure, Tribal and local government operations, and decarbonized resilience strategies. Advisory Council members are serving in an individual capacity and not representing their respective organizations unless indicated otherwise.

CORE Hub Advisory Council

Jana Ganion



In her role as Sustainability and Government Affairs Director for the Blue Lake Rancheria Tribal government, Jana helps create and implement strategies for decarbonized resilience. Her development expertise includes strategic planning in climate mitigation and adaptation, hazard mitigation and emergency preparedness, and economic enterprise development. Her project deployments include low-carbon microgrids, electrified transportation, biofuels, smart water grids, telecommunications, and other intersectional sustainable lifeline sector systems. She is current (2021) co-chair of the U.S. Department of Energy's Indian Country Energy and Infrastructure Working Group, an appointee to the U.S. Bureau of Ocean Energy Management California Intergovernmental Task Force, serves on California's Integrated Climate Adaptation and Resilience Technical Advisory Committee, the California SB 350 Disadvantaged Communities Advisory Group for the California Public Utilities Commission and California Energy Commission, and is the Pacific Region representative for the National Congress of American Indians Climate Action Task Force Technical Committee. Jana works on policy, programs, and investments to achieve rapid, cost-effective transition to climate-smart, resilient communities. She is honored to serve on the CORE Hub Advisory Council, and as senior advisor to and first year lead of this initiative.

Arne Jacobson



Arne Jacobson is the Schatz Energy Research Center Director and a professor of Environmental Resources Engineering at Humboldt State University. He is also the coordinator of HSU's master's program in Energy Technology and Policy (ETaP). Arne has a PhD from the Energy and Resources Group at the University of California, Berkeley, a master's degree focused on Environmental Resources Engineering from Humboldt State, and a bachelor's degree in physics from Earlham College. His areas of research interest include renewable energy technology and policy, solar energy systems, off-shore wind power, energy resilience, and improved access to energy for low-income people in off-grid areas of Sub-Saharan Africa and South Asia. Arne is a recipient of the California State University's 2015 Wang Family Excellence Award. During a sabbatical year in 2010/11, he served as a senior advisor in the Office of Policy and International Affairs at the U.S. Department of Energy.

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Bryna Lipper



Bryna has held leadership roles in government, non-profit, and private sector organizations dedicated to civic, social, cultural, and environmental progress. She is currently Chief Executive Officer of the Humboldt Area and Wild Rivers Community Foundation, leading a major transformation for the organization to support visionary and generational change in the region. In her prior role as Co-Founder and SVP for 100 Resilient Cities by the Rockefeller Foundation, Bryna led the creation of the world's first urban resilience practices, its global network, and formation of governmental partnerships to enable cities to adapt to 21st century challenges. Prior to that, she was the (Acting) Director of Philanthropic Research and Initiatives for the Office of International and Philanthropic Innovation (IPI) at the U.S. Department of Housing and Urban Development (HUD), where she led strategies to spur philanthropic partnerships and promote policy innovation. Bryna is currently Chair of the League of California Community Foundation's Committee for Disaster Response and is an active member in many philanthropic networks supporting racial equity and justice. She holds a Bachelor of Design in Architecture from the University of Sydney and a Master of Public Administration from the Harvard Kennedy School of Government. Her professional fellowships include the Funders' Network for Smart Growth and Livable Communities and the prestigious Loeb Fellowship at Harvard University.

Matthew Marshall



A graduate of Humboldt State University, Matthew Marshall has spent over 10 years serving as the Executive Director of the Redwood Coast Energy Authority, a local government Joint Powers Agency dedicated to implementing sustainable energy initiatives in the region. His work in this role has been focused on increasing awareness of and access to energy efficiency and renewable energy opportunities available to Humboldt County residents. Prior to this work, Matthew worked as the Greenhouse Gas Reduction Program Administrator for the City and County of Denver, where he managed and led greenhouse gas reduction projects and community partnerships in support of Denver's Climate Action Plan. Matthew is President of the California Community Choice Association (CalCCA), the trade association of local government community-choice power providers that collectively serve over 11 million customers across the state. He also serves on the board of directors of several community non-profits, including the Trinidad Coastal Land Trust, the Redwood Parks Conservancy, and the Greater Eureka Chamber of Commerce. He plays the bagpipes, enjoys making art, and is an Assistant Chief of the Westhaven Volunteer Fire Department.

Mike Wilson



Mike Wilson has been county supervisor for the County of Humboldt, District 3, since 2017. He was owner and project engineer for the HWR Engineering and Science environmental consulting firm from 1994 to 2017. He was an ecological engineer for Stillwater Sciences from 2014 to 2016. Mike earned a Master of Science degree in environmental systems engineering from Humboldt State University. He was an environmental engineer for the Humboldt County Division of Environmental Health from 1995 to 1996, staff environmental engineer for Tetra Tech from 1994 to 1995, and for Woodward Clyde Consultants from 1990 to 1992.

Advisory committee members are participating as individuals. Organizational background is provided for information.

Contact Us

The Humboldt Area and Wild Rivers Community Foundation is the incubation organization for the Redwood Region Climate and Community Resilience (CORE) Hub.

▶ Please contact info@redwoodcorehub.org for more information.