

# EXHIBIT A

## Louise Wells Bedsworth, PhD

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### EDUCATION

#### *University of California, Berkeley*

Ph.D., Energy and Resources Group

Master of Science, Civil and Environmental Engineering

#### *Massachusetts Institute of Technology*

Bachelor of Science, Earth, Atmospheric, and Planetary Sciences (minor in Environmental Engineering)

### PROFESSIONAL EXPERIENCE

#### *University of California, Berkeley*

Executive Director, Center for Law, Energy, and the Environment

March 2022 – present

Lead dynamic, growing interdisciplinary education and research center at Berkeley Law with professional research staff of 37 and annual budget of approximately \$12 million.

- Lead research and educational strategy for the Center, including fundraising, outreach and engagement, and support for student groups and student-facing events.
- Partner with CLEE's Development Director and the University development office to develop and implement a fundraising strategy that includes engagement with individual donors and foundations.
- Engage with leadership at the Law School, CLEE Advisory Board, and partners across campus to support the Center's activities and strategy development.
- Serve as an advisor to the Berkeley Climate Change Network, a campuswide initiative to support research and engagement activities focused on climate change.

#### *Lecturer, Berkeley Law*

Fall, 2024

- Co-designed and taught course on California Climate Law and Policy

#### *Senior Advisor, California-China Climate Institute*

June 2021 – present

- Serve as a Senior Advisor, supporting research and partnerships on climate adaptation and resilience, progress tracking, and methane emission reductions in China and California.

#### *Director, Land Use Program, Center for Law, Energy, and the Environment*

June 2021 – present

- Lead policy-oriented research initiatives to develop replicable tools and governance models to support equitable and efficient climate change policies.

#### *Elemental Impact*

Policy Fellow, August 2021 – December 2022

Examined best practices and case studies of equitable community partnership in research and innovation based on Elemental's portfolio and select research programs.

***California Strategic Growth Council***

*Executive Director, July 2018 – April 2021*

Led core staff and associated partnerships in the development and execution of programs to support equitable, sustainable, resilient, and healthy community development in California. Worked closely with grantees and other partners to build capacity and partnership to implement collaborative investments in the State's most impacted communities.

- Oversaw over \$500 million, annually, in grant funding invested across three program areas (Affordable Housing and Sustainable Communities; Transformative Climate Communities; and Climate Change Research);
- Managed the development and implementation of equity practices, including a partnership on statewide racial equity training and the development and implementation of SGC's Racial Equity Action Plan;
- Collaboratively implemented programs and investments with oversight of a Council comprised of seven Cabinet members and three appointed public members;
- Convened State partners and stakeholders to advance Administration policy priorities, collaborative activities, and Council actions;
- Coordinated and partnered with member agencies and departments to design, administer, and evaluate investments;
- Represented SGC to the Legislature, public, and other stakeholders through extensive public speaking engagements, written communications, and on social media.

***Office of Governor Edmund G. Brown, Governor's Office of Planning and Research***

*Deputy Director, August 2013 – July 2018; Senior Researcher, October 2011 – August 2013*

Led multidisciplinary staff to inform long-term planning and environmental policy in California. Guided multi-agency efforts to coordinate climate change policy, research, and implementation activities at the international, state, regional, and local level. Specific accomplishments include:

- Led the development of the Climate Change Research program at the Strategic Growth Council, establishing an innovative, partnership-based approach to state-funded climate change research;
- Established and led the Integrated Climate Adaptation and Resiliency Program, created through Senate Bill 246 (2016);
- Led collaborative development of the Fourth California Climate Change Assessment, including leading development of Statewide Summary report;
- Led a multi-agency team to design and implement the Community and Watershed Resilience Program, which was awarded \$70.3 million as part of the National Disaster Resilience Competition;
- Managed group of internal and external partners to design and implement broad climate adaptation guidelines through Executive Order B-30-15;
- Represented California in numerous international, national, and state meetings and events.

***University of California at Davis***

*Adjunct Researcher, Policy Institute for Energy, Environment, and Economics*

*August 2014 - 2018*

Principal Investigator for US EPA grant to integrate extreme events impacts into management decisions for air and water quality in California.

***Public Policy Institute of California***

*Research Fellow, July 2006 – September 2011; Visiting Fellow, July 2002 – February 2003*

Conducted research on environmental policy issues relevant to California. Projects included: assessment of implications of climate change for environmental planning and regulation; role of local government in climate change policy; and analysis of the synergies and conflicts between the state's air quality and climate change goals.

**Union of Concerned Scientists**, Senior Analyst, Clean Vehicles Program, February 2003 – June 2006

**University of California, Berkeley**, Graduate Student Researcher, August 1996 – May 2002

**Redefining Progress**, Research Associate, Oakland, California, January – May 2002

## HONORS AND AWARDS

California Council on Science and Technology, Science in Public Service Award, 2020

Council on Foundations Wilmer Shields Rich Bronze Award for Excellence in Communications, 2005

University of California Dissertation Year Fellowship, 2001-2002

Environmental Protection Agency, Science to Achieve Results Graduate Fellowship, 1998-2001

Outstanding Graduate Student Instructor Award, Spring 2001

Young Scientists' Summer Program at the International Institute of Applied Systems Analysis, 1998

DOE Science and Engineering Research Semester at Lawrence Livermore National Laboratory, 1996

## PROFESSIONAL ACTIVITIES

2023 – present, Member, Board on Energy and Environmental Systems, National Academies of Science, Engineering, and Medicine

2022 – present, Advisor, Berkeley Climate Change Network, UC Berkeley

2021 – 2023, Commissioner, California100 Commission

2020, Member Triennial Review Panel, Earth and Environmental Sciences Area, Lawrence Berkeley National Laboratory.

2019 – 2024, Member/Chair, Harvard University Advisory Committee for the Stratospheric Controlled Perturbation Experiment

2018, Member, Editorial Board, Fourth California Climate Change Assessment

2003 – 2012, Member, Bay Area Air Quality Management District Advisory Council (Chair – 2008; Vice-Chair – 2007; Secretary – 2006, Chair, Technical Committee – 2004)

2007, Appointed member of Oil Independent Oakland by 2020 Task Force

Reviewer for *Journal of the American Planning Association*, *Journal of Environmental Policy and Management*, *Nature – Climate Change*, *Journal of Planning Literature*, RAND Corporation

## SELECT RESEARCH GRANTS AND GIFTS

“Accelerating Climate Infrastructure Deployment: Minimizing Harm, Maximizing Benefits,” Waverly Street Foundation. Oct 2025 – Oct 2027. \$2,000,000

“Oil and Gas in a Climate Safe World,” Larsen Lam Foundation. \$2,000,000

“Climate and Environment in the 2026 CA Gubernatorial Election,” Energy Foundation. Oct 2015 – March 2027. \$200,000.

“Offshore Wind Development,” Energy Foundation. July 2025 – June 2026. \$190,000.

“Developing Community-Based Approaches to Direct Air Capture Hub Design,” ClimateWorks and Larsen Lam Foundation. 2023 – present. \$300,000.

“Community Alliance for Direct Air Capture (CalDAC),” US Department of Energy. 2024 – 2026. \$3,000,000

“Understanding Economic and Workforce Impacts of Implementing Nature-Based Solutions,” California Natural Resources Agency. \$250,000. 2024 – 2026.

“California Fifth Climate Change Assessment: San Francisco Regional Synthesis Report,” Governor’s Office of Planning and Research. \$330,000. 2024 – 2026.

“Potential State Roles in Expanding Transfer of Development Rights as a Tool for Greenhouse Gas Emission Reductions,” \$524,999. California Air Resources Board. 2023-2024

“Offshore Wind Development in California,” Energy Foundation. 2021 – present.

“Implications of Extreme Events Under Climate Change on Air and Water Quality in California,” U.S. EPA Grant. 2012-2019. (\$750,000)

“Preparing for a Changing Climate,” Pacific Gas and Electric Company, The Nature Conservancy, The Next Ten Foundation. 2007-2008.

“Reconciling California’s Transportation and Environmental Goals,” California Wellness Foundation. 2008-2009.

## PUBLICATIONS

### Peer-reviewed Journal Publications

Michael Méndez, SH. Shah, C Golembeski, L Bedsworth, J. Mijin Cha, L Goldsmith, TJ Holmes, J Maldonado, BR Middleton Manning, LE Méndez-Barrientos, M Mills-Novoa. In review. Centering Environmental Justice in United States (U.S.) Climate Assessments. *Climatic Change*.

Jinnah, S., S. Talati, L Bedsworth, M Gerrard, M Kleeman, R Lempert, K Mach, L Nurse, H Olayiwola Patrick, M Sugiyama. forthcoming. Do small outdoor geoengineering experiments require governance? *Science*.

Baker, Z., J Ekstrom, K. Meagher, BL Preston, and L. Bedsworth. 2020. The Social Structure of Climate Research and Practitioner Engagement: Evidence from California. *Global Environmental Change* 63: <https://doi.org/10.1016/j.gloenvcha.2020.102074>.

Ekstrom, JA and L Bedsworth. 2018. Adapting air quality management for a changing climate: Survey of local districts in California. *Journal of the Air & Waste Management Association* 68(9): 931-944.

Baker, Z; J Ekstrom, and L Bedsworth. 2018. Climate information? Embedding climate futures within temporalities of California water management, *Environmental Sociology* 4:4, 419-433.

Ekstrom, JA; L Bedsworth; and A Fencl. 2017. Gauging climate preparedness to inform adaptation needs: local level adaptation in drinking water quality in CA, USA. *Climatic Change* 140: 467-481.

Franco, Guido, L Bedsworth, and A Pairis. 2014. California’s Comprehensive Climate Change Program: The Pivotal Role of Research. *EM*

Bedsworth, Louise and E Hanak. 2012. Climate Policy at the Local Level: Insights from California. *Global Environmental Change* 23(3): 664-677.

Bedsworth, Louise. 2012. California’s local health agencies and the state’s climate adaptation strategy. *Climatic Change* 111(1): 119-133.

Bedsworth, Louise. Air Quality Planning in California’s Changing Climate. *Climatic Change* 111(1): 101-118.

Bedsworth, Louise and E Hanak. 2012. Guest Editorial: Preparing California for a Changing Climate. *Climatic Change* 111(1): 1-4.

Bedsworth, Louise and E Hanak. 2010. Adaptation to Climate Change – A Review of Challenges and Tradeoffs in Six Sectors. *Journal of the American Planning Association* 76(4): 477-495.

Bedsworth, Louise. 2009. Climate Change and California’s Local Health Officers – A Role for Scientists. *Bulletin of the American Meteorological Society*: doi: 10.1175/2008BAMS2745.1. [Online 18 December 2008]

Bedsworth, Louise. 2009. Preparing for Climate Change: A Perspective from Local Public Health Officers in California. *Environmental Health Perspectives* 117(4): 617-623.

Bedsworth, Louise Wells, Micah D. Lowenthal, and William E. Kastenberg. 2004. Uncertainty and Regulation: The Rhetoric of Risk in the California Low-Level Radioactive Waste Debate. *Science, Technology, and Human Values* 29: 406 - 427.

Bedsworth, Louise Wells and William E. Kastenberg. 2002. Science and Uncertainty in Environmental Regulation: Insights from the Evaluation of California’s Smog Check Program. *Science and Public Policy* 29(1): 13-24.

### Book Sections

Bedsworth, Louise and Ellen Hanak. 2014. “Defining Roles of Different Levels of Government on Climate Change: The Case of California.” Sustainable Business Practices: Challenges, Opportunities, and Practices, Volume III: The Road to Sustainability: Choices Made and Good Practices, George Basile, James Hershauer, and Scott G. McNall (eds), Praeger Press.

### Reports and Monographs

\*Denotes peer reviewed reports

Payne, Hanna, Louise Bedsworth, Erica Manuel, Roberto Torres, and Seth Yund. 2023. Getting to Implementation: The Status of Local Climate Action in California. Center for Law, Energy, and the Environment.

Bedsworth, Louise, Ted Lamm, Katie Segal, Ross Zelen. 2022. Funding San Francisco Climate Action: Strategies for Revenue, Implementation, and Equity. Center for Law, Energy, and the Environment.

\*Bedsworth, Louise, Dan Cayan, Guido Franco, Leah Fisher, Sonya Ziaja. 2018. Statewide Summary Report. California's Fourth Climate Change Assessment. Publication number: SUM- CCCA4-2018-013. (Coordinating Lead Author)

\*Bedsworth, Louise, Ellen Hanak, and Jed Kolko. 2011. *Driving Change: Reducing Vehicle Miles Traveled in California*. Public Policy Institute of California: San Francisco, CA.

\*Bedsworth, Louise, Ellen Hanak, and Elizabeth Stryjewski. 2011. *Views from the Street: Linking Transportation and Land Use*. Public Policy Institute of California: San Francisco, CA.

\*Bedsworth, Louise. 2010. *Climate Change Challenges: Vehicle Emissions and Public Health in California*. Public Policy Institute of California: San Francisco, CA.

\*Bedsworth, Louise and Ellen Hanak. 2008. *Preparing California for a Changing Climate*. Public Policy Institute of California: San Francisco, CA.

\*Bedsworth, Louise. 2008. *Air Quality Planning and California's Changing Climate*. Public Policy Institute of California: San Francisco, CA.

\*Bedsworth, Louise. 2008. *Climate Change and California's Public Health Institutions*. Public Policy Institute of California: San Francisco, CA.

\*Hanak, Ellen, Louise Bedsworth, Sarah Swanbeck, and Joanna Malaczynski. 2008. *Climate Policy at the Local Level: A Survey of California's Cities and Counties*. Public Policy Institute of California: San Francisco, CA.

Bedsworth, Louise W., 2008, *Climate Change and California's Local Public Health Agencies*, Public Policy Institute of California, Occasional Paper.

\*Bedsworth, Louise W. and Margaret R. Taylor, 2007, Learning from California's Zero- Emission Vehicle Program, *California Economic Policy*, Public Policy Institute of California, Vol. 3, No. 4.

MacKenzie, Donald, David Friedman, and Louise Bedsworth, 2005, *Fuel Economy Fraud: Closing the Loopholes that Increase U.S. Oil Dependence*, Union of Concerned Scientists: Cambridge, MA. August.

Bedsworth, Louise Wells. 2005. *Clearing the Air in the San Joaquin Valley: Developing an Action Plan for Regulators, Legislators, and the Public*, Union of Concerned Scientists: Cambridge, MA. February.

Bedsworth, Louise Wells. 2004. *Climate Control: Reducing Greenhouse Gas Emissions from California Cars*, Union of Concerned Scientists: Cambridge, MA, May.

Bedsworth, Louise Wells. 2003. *A Portrait of Air Quality in the San Joaquin Valley*, Working Paper, Public Policy Institute of California: San Francisco, CA, April.

Wells, Louise L. and W. E. Kastenberg. 1997. *Natural Attenuation of Trichloroethylene in Aquifers*. Center for Nuclear and & Toxic Waste Management, University of California, Berkeley. August 15, 1997. CNTWM 97-5.

## VOLUNTEER ACTIVITIES

Member, Board of Trustees, Redwood Day (K-8 Independent School in Oakland, CA), 2018-present, Chair 2020-2022; Vice-Chair, 2019-2020

Co-Chair, Crocker Highlands Elementary School PTA Annual Giving Campaign, 2014-16

President, Crocker Highlands Elementary School PTA (\$450,000 Budget), 2013-14

Executive Vice President, Crocker Highlands Elementary School PTA, 2012-13