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<https://watershed.ucdavis.edu/shed/lund/default.htm>



Dr. Jay Lund is Co-Director of the Center for Watershed Sciences and a Distinguished Professor of Civil and Environmental Engineering at the University of California – Davis. He has long enjoyed teaching, research, and engagement on many aspects of theory and practice for water management and policy, usually trying to integrating economics and operations research with traditional engineering. He has become particularly engaged in working on the wide range of water problems in California with many collaborators, and remains enthusiastic about the potential of system analysis and optimization to provide understanding and insights for management and policy.

In California he was on the Advisory Committee for the 1998 and 2005 California Water Plan Updates, and has served as Convenor of the California Water and Environment Modeling Forum and Chair of California's Delta Independent Science Board. He is a member of the US National Academy of Engineering. He has long been involved in applying economic and optimization ideas to provide insights on California's water problems, including the development and use of the CALVIN model of California's water supply system. He is a lead author of *Comparing Futures for the Sacramento-San Joaquin Delta* (UC Press 2010) and *Managing California's Water: From Conflict to Reconciliation* (PPIC 2011).

Dr. Lund has a B.A. in International Relations and Regional Planning from the University of Delaware (1979) and a BS in Civil Engineering, MA in Geography, and PhD in Civil Engineering from the University of Washington (Seattle). He has advised over 140 graduate students, including 15 who are faculty at research universities globally, and has over 400 publications and reports.