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Education and Training:

Institution	Major	Degree	Year
University of Delaware	Regional Planning, Int. Relations	B.A., Honors	1979
University of Washington	Civil Engineering	BSCE	1983
University of Washington	Geography	M.A.	1983
University of Washington	Civil Engineering	Ph.D.	1986

Research and Professional Experience:

2012-present Chair-Elect, Delta Independent Science Board, Delta Stewardship Council, California

2009–present **Director**, Center for Watershed Sciences, University of California, Davis

2008-2013 Ray B. Krone Professor of Environmental Engineering, Department of Civil and Environmental Engineering, University of California, Davis

2008–2009 **Co-Director**, Center for Watershed Sciences, University of California, Davis

2007–2008 **Associate Director**, Center for Watershed Sciences, University of California, Davis

2007 **Visiting Professor**, Valencia Polytechnic University, Spain

2000-2001 **Visiting Professor**, CEMAGREF, Bordeaux, France

1996-present **Professor**, and occasional **Vice Chair**, Department of Civil and Environmental Engineering, University of California, Davis

1993-1994 Hydraulic Engineer, Hydrologic Engineering Center and Institute for Water Resources, U.S. Army Corps of Engineers

1991-1996 **Associate Professor**, Department of Civil and Environmental Engineering, University of California, Davis

1987-1991 **Assistant Professor**, Department of Civil and Environmental Engineering, University of California, Davis

1985-1986 **Visiting Researcher**, Department of Water Resources Engineering, University of Lund, Lund, Sweden

1983-1985 **Research Assistant**, Dept. of Civil and Environmental Engineering, University of Washington

1979-1981 **Teaching Assistant**, Dept. of Geography, University of Washington

1979 **Planning Assistant and Librarian**, Wm. J. Cohen & Assoc.

1978 **Transportation & Air Quality Intern**, WILMAPCO, Wilmington, DE

Publications:

1. Hanak, E., **J. Lund**, A. Dinar, B. Gray, R. Howitt, J. Mount, P. Moyle, and B. Thompson, Managing California’s Water: From Conflict to Reconciliation, Public Policy Institute of California, San Francisco, CA, 500 pp., February 2011.

2. **Lund, J.**, E. Hanak, W. Fleenor, W. Bennett, R. Howitt, J. Mount, and P. Moyle, *Comparing Futures for the Sacramento-San Joaquin Delta*, University of California Press, Berkeley, CA, February 2010.
3. National Research Council Committee on Hydrology, Ecology, and Fishes of the Klamath River, *Hydrology, Ecology, and Fishes of the Klamath River Basin*, National Academy Press, Washington, DC, November 2007. (Including **J. Lund** as one of 14 authors)
4. **Lund, J.**, E. Hanak, W. Fleenor, R. Howitt, J. Mount, and P. Moyle, *Envisioning Futures for the Sacramento-San Joaquin Delta*, Public Policy Institute of California, San Francisco, CA, 300 pp., February 2007.
5. Siegfried, L., W. Fleenor, and **J. Lund**, "Physically Based Modeling of Delta Island Consumptive Use: Fabian Tract and Staten Island, California," *San Francisco Estuary and Watershed Science*, Vol. 12, Issue 4, 2014.
6. Gray, B., D. Misczynski, E. Hanak, A. Fahlund, **J. Lund**, D. Mitchell, and J. Nachbau, "Paying for Water in California: The Legal Framework," *Hastings Law Journal*, Vol. 65, pp. 1603-1663, 2014.
7. Connaughton, J., N. King, L. Dong, P. Ji, and **J. Lund**, "Comparing Simple Flood Reservoir Operation Rules," *Water*, Vol. 6, No. 9, pp. 2717-2731; doi:10.3390/w6092717, 2014.
8. Hui, R. and **J. Lund**, "Flood Storage Allocation Rules for Parallel Reservoirs," *Journal of Water Resources Planning and Management*, DOI: 10.1061/(ASCE)WR.1943-5452.0000469, 2014.
9. Rheinheimer, D.E.; S.E. Null, and **J.R. Lund**, "Optimizing selective withdrawal from reservoirs to manage downstream temperatures with climate warming," *Journal of Water Resources Planning and Management*, DOI:10.1061/(ASCE)WR.1943-5452.0000447, 2014.
10. Zhao, T., J. Zhao, **J. R. Lund**, and D. Yang, "Optimal Hedging Rules for Reservoir Flood Operation from Forecast Uncertainties," *Journal of Water Resources Planning and Management*, DOI: 10.1061/(ASCE)WR.1943-5452.0000432, 2014

Synergistic Activities:

1. Awards and Honors

Warren A. Hall Medal, Universities Council on Water Resources, 2014
 Distinguished Scholarly Public Service Award, University of California - Davis, 2013
 Groundwater Resources Association of California, David Todd Lecturer for 2013
 Best Policy-oriented Paper Award, *Journal of Water Resources Planning and Management*, 2013
 ASCE-EWRI Fellow, 2013
 California Trout, Golden Trout Award (with Peter Moyle and Jeffrey Mount), 2013
 Ray B. Krone Professor of Environmental Engineering, 2008-2013
 Julian Hinds Award, American Society of Civil Engineers/Environment and Water Resources Institute, 2011
 California Water Resources Control Board recognition for Economic Analysis Task Force, 2011
 Editor's Choice Award, *Water Resources Research*, 2010
 Hugo B. Fischer Award, California Water and Environmental Modeling Forum, 2008
 ASCE/EWRI Planning and Management Council Service to the Profession Award, 2007
 Boggess Award for best paper in the *Journal of the American Water Resources Association*, 2006
 California Water and Environment Modeling Forum Service Award, 2006
 International Water Academy, Oslo, Norway, Chair No. 143, 2002
 Walter L. Huber Civil Engineering Research Prize, ASCE, 1996

Best Practice-Oriented Paper, Journal of Water Resources Planning and Management, ASCE, 1996

Tau Beta Pi (Engineering), Phi Beta Kappa (Liberal Arts), Chi Epsilon (Civil Engineering), Omicron Delta Epsilon (Economics), Pi Kappa Alpha (Political Science), Valle Scholar, Engineer-in-Training (Washington State)

2. Professional Activities

- President, Universities Council on Water Resources, 2008-2009, President-Elect 2007-2008, Past-President 2009-2010
- Editor, Journal of Water Resources Planning and Management, ASCE, 1997 - 2000; Associate Editor, 2000 - present
- Editorial Board, Advances in Water Resources, 2009 - present
- Editorial Board, Water International , IWRA, 1998 - 2008
- Editorial Board, Civil Engineering and Environmental Systems, 2003- 2009
- Advisory Committee, California Water Plan Update , 1995 - 1998, 2001 - 2005
- Past-Convenor, California Water and Environmental Modeling Forum, 1998-1999, Convenor, 1996 - 1998; Vice Convenor, 1995 - 1996
- Chair, Policy Sciences Committee, Hydrology Section, American Geophysical Union, 1996-1998
- Associate Editor, Water Resources Research , 1990 - 1997
- Editorial Advisory Board, Municipal Solid Waste Management, 1990 - 1996
- Control Group of ASCE Water Resources Systems Committee, 1996 - 2000
- National Academy of Sciences, Young Investigator Program, Water Management in Uzbekistan and Turkmenistan, 1994 - 1996
- Reviewer for: ASCE Journal of Water Resources Planning and Management, Journal of Environmental Engineering, Journal of Computing in Civil Engineering, Journal of Irrigation and Drainage, Journal of Infrastructure Systems, and Journal of Hydraulics; Canadian Journal of Civil Engineering, Civil Engineering Systems, Water Resources Research, Water Resources Bulletin, Water International, Stochastic Hydrology and Hydraulics, Transportation Research Record, Institute of Industrial Engineers Transactions, Journal of the American Water Works Association, Journal of Environmental Management, Journal of Environmental Economics and Management, Management Science
- Associate Member American Society of Civil Engineers (ASCE), Member of American Geophysical Union, American Water Works Association, American Water Resources Association, International Water Resources Association, American Society for Engineering Education, California Water and Environmental Modeling Forum

3. Policy Engagement

Since 1989, Jay Lund has worked with state, federal, and local policy-makers, diverse researchers, and stakeholders on the implications of science and research for improving environmental, water, and infrastructure policies, ranging from issues of climate change, ecosystem restoration, environmental management, water supply, groundwater contamination, flooding, and sustainable development. Work includes California, Colorado R., Pacific Northwest, Missouri, Mid-Atlantic, Southeastern, and Florida river and estuary systems.