

JOEL MASSMANN, Ph.D, P.E.
Principal Engineer and Manager
Keta Waters LLC, 1912 33rd Ave S., Seattle, WA 98112
Joel@KetaWaters.com; (206) 236-6225

Dr. Massmann has over twenty-five years of experience as an engineering consultant and works with a wide spectrum of public- and private-sector clients, including industry, government agencies, tribes, and environmental groups. Dr. Massmann received B.S. and M.S. degrees in Civil Engineering from the Ohio State University and the Ph.D. degree from the University of British Columbia. He has taught courses in civil engineering at the University of Washington, the University of Illinois, and Michigan Technological University. Dr. Massmann's work on environmental and water resources issues has received national recognition, including the Rudolf Hering Medal from the American Society of Civil Engineering in 1990 and the Presidential Young Investigator Award from the National Science Foundation in 1988. He has served as a consultant to the U.S. EPA Science Advisory Board (1992-1997) and as a member of the Environmental Restoration Priority System Panel for the National Research Council (1992-1994). He has also served as a consultant to the Finnish Ministry of the Environment and to the Swedish Nuclear Fuel and Waste Management Company (SKB). Professor Massmann also served on the Columbia River Comprehensive Impact Assessment Peer Review Committee (1995-1997) and on the Hanford Advisory Board (1999-2001). He was appointed to the Fate and Transport Subcommittee of the Washington Department of Ecology Science Advisory Board (1996-2000) and assisted them in developing risk-based clean-up standards at contaminated sites. He also served on the Washington Department of Ecology Technical Advisory Group charged with establishing the standards for review of applications for underground artificial storage projects (2000-2002) and is a past member of the Mercer Island Utility Board (2004-2011).

Academic background

Ph.D. Hydrology	University of British Columbia	1987
M.S., Civil Engineering	The Ohio State University	1981
B.S., Civil Engineering	The Ohio State University	1980

Professional history

Principal Engineer and Owner, Keta Waters LLC, Seattle, Washington, 2002-current.

Associate Professor with Tenure, Department of Civil Engineering, University of Washington, Seattle, Washington, 1993-2002.

Visiting Lecturer, Department of Civil Engineering, University of Canterbury, Christchurch, New Zealand, 1997-98 (sabbatical leave).

Assistant Professor, Department of Civil Engineering, University of Washington, Seattle, Washington, 1992-93.

Assistant Professor, Departments of Geology and Civil Engineering, University of Illinois, Champaign-Urbana, Illinois, 1990-92.

Assistant Professor, Department of Geological Engineering, Michigan Technological University, Houghton, Michigan, 1987-90.

Senior Project Engineer, Hart Crowser, Seattle, Washington, 1985-87.

Professional Society and Other Service

Appointed to U.S. EPA Science Advisory Board, Consultant, 1992-1997.

Appointed to Environmental Restoration Priority System Panel, National Research Council, Commission on Geosciences, Environment, and Resources, 1992-1994

Appointed to Columbia River Comprehensive Impact Assessment Peer Review Committee, 1995-1997

Appointed to Washington Dept. of Ecology, Science Advisory Board, Fate and Transport Subcommittee, 1996-2000.

Appointed to Hanford Advisory Board, Alternate, 1999-2001

Appointed to Washington Dept. of Ecology, Technical Advisory Group on Aquifer Storage and Recovery, 2000-2002

Associate Editor, *Water Resources Research*, published by American Geophysical Union, 2000-2002.

Appointed to Mercer Island Utility Board, 2004-2008; 2008-2011.

Professional licenses

Professional Engineer #40749, State of Washington,

Professional Society Membership

American Geophysical Union
American Society of Civil Engineers
Environmental and Water Resources Institute
American Water Works Association

Refereed Journal Publications

16 papers published in refereed journals. List available upon request.

Book Chapters

Chapters in 7 books. List available upon request.