



**RICHARD J. VAN BRUGGEN, P.E., D.WRE**

Water Resources Engineer

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S U M M A R Y O F Q U A L I F I C A T I O N S

- ◆ Twenty-five years of engineering experience specializing in the use of systems engineering and modeling techniques to define and evaluate surface water resource systems, forensic hydrology and hydraulics, and alternative flood control measures.
- ◆ Has performed numerous studies of watershed hydrology, floodplain and storm drain system hydraulics, dam and reservoir operations, stormwater quality and management, and the statistical analysis of meteorologic and hydrographic data.
- ◆ Has managed flood control projects involving the hydraulic design of stormwater conveyance and detention facilities, overseeing technical staff and coordination between clients, consultants and regulatory agencies.
- ◆ Experienced in alternative plan development of stormwater management projects, as well as coordinating public involvement in the project decision process and conducting public meetings and workshops.
- ◆ Considerable experience testifying as an expert witness in Water Resources Engineering, having testified in over fifty cases ranging from the evaluation of historic flood events and drownings, to the standard of care in reservoir operations and storm water system designs.

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E D U C A T I O N A N D C R E D E N T I A L S

American Academy of Water Resources Engineers (AAWRE)	DIPLOMATE, WATER RESOURCES ENGINEER (D.WRE)	2006
University of California, Los Angeles, California	M.S. IN WATER RESOURCES ENGINEERING	1981
University of California, Los Angeles, California	B.S. IN SYSTEMS ENGINEERING	1980

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E X P E R I E N C E

<b>Water Resources Consulting Services</b> <i>Windsor and San Francisco, California</i>	PRINCIPAL ENGINEER AND OWNER	1989-Present
<b>Camp Dresser &amp; McKee Inc.</b> <i>Walnut Creek, California</i>	PROJECT ENGINEER	1988-1989
<b>Harding Lawson Associates</b> <i>Novato, California</i>	PROJECT ENGINEER	1984-1988
<b>US Army Corps of Engineers,</b> <i>Los Angeles District</i>	PROJECT MANAGER / HYDRAULIC ENGINEER	1981-1984
<b>Loyola Marymount University</b> <i>Los Angeles, California</i>	LECTURER	1982
<b>University of California</b> <i>Los Angeles, California</i>	LECTURER	1981

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R E G I S T R A T I O N S

PROFESSIONAL CIVIL ENGINEER:

- California, 1986
- Arizona, 1993
- Nevada, 1993
- Oregon 2007

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M E M B E R S H I P S

- American Society of Civil Engineers (ASCE); +Global Climate Change & Ethics Committees (2007-present)
- Forensic Expert Witness Association (FEWA); +Board of Directors, San Francisco Chapter President (2004-2005)
- American Council of Engineering Companies (ACEC) / California State Water Resources Committee (2005-2006)
- American Public Works Association (APWA) / California State Storm Water Quality Task Force (1989-1997)
- Floodplain Management Association (FMA)