



**RICHARD J. VAN BRUGGEN, PE, PH, CFM, 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

- ◆ Over thirty-five years of water resources engineering experience specializing in the modeling and evaluation of surface water resource systems, forensic hydrology and hydraulics, and alternative flood control measures.
- ◆ Has performed hundreds of studies of watershed hydrology, floodplain and storm drain system hydraulics, dam and reservoir operations, and the statistical analysis of meteorologic and hydrographic data.
- ◆ Has managed flood control projects involving alternative plan development and the hydraulic design of stormwater conveyance and detention facilities, overseeing technical staff, conducting public meetings and coordinating efforts between clients, consultants and regulatory agencies.
- ◆ Extensive experience testifying as an Expert Witness in Water Resources Engineering, having testified in over one-hundred cases ranging from the evaluation of historic flood events and drownings, to the standard of care in reservoir operations and storm water system designs.

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

American Institute of Hydrology (AIH)	CERTIFIED PROFESSIONAL HYDROLOGIST (PH)	2019
Association of State Floodplain Managers (ASFPM)	CERTIFIED FLOODPLAIN MANAGER (CFM)	2015
American Academy of Water Resources Engineers (AAWRE)	DIPLOMATE, WATER RESOURCES ENGINEER (D.WRE)	2006
University of California, Los Angeles, California (UCLA)	M.S. IN WATER RESOURCES ENGINEERING	1981
University of California, Los Angeles, California (UCLA)	B.S. IN ENVIRONMENTAL SYSTEMS ENGINEERING	1980

## E X P E R I E N C E

<b>Water Resources Consulting Services, Inc.</b> <i>Palm Desert, California</i>	PRESIDENT AND PRINCIPAL ENGINEER	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

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

PROFESSIONAL CIVIL ENGINEER (PE):

California, 1986

Arizona, 1993

Nevada, 1993

Oregon 2007

## M E M B E R S H I P S

- American Society of Civil Engineers (ASCE); Global Climate Change & Ethics Committees (2007-present)
- Association of State Floodplain Managers (ASFPM); Floodplain Management Association (FMA) (1989-present)
- Engineers Without Borders / S.F and O.C. Professionals; El Salvador, Haiti and Kenya Project Groups
- 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)
- American Institute of Hydrology (AIH); Certified Professional Hydrologist (2019 – present)