



CURRICULUM VITAE

Richard J. Van Bruggen, PE, D.WRE Water Resources Engineering Consultant

PROFILE

Over thirty 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 sixty cases ranging from the evaluation of historic flood events and drownings, to the standard of care in reservoir operations and storm water system designs.

PROFESSIONAL DESIGNATIONS, AFFILIATIONS AND ACHIEVEMENTS

Diplomat, Water Resources Engineer American Academy of Water Resources Engineers, ASCE, 2006
Professional Civil Engineer:

State of Oregon, 2007

State of Arizona, 1993

State of California, 1986

State of Nevada, 1993

EDUCATION

University of California, Los Angeles (UCLA), **B. Sc.** Environmental Systems Engineering

University of California, Los Angeles (UCLA), **M. Sc.** Water Resources Engineering

PROFESSIONAL MEMBERSHIPS

American Society of Civil Engineers (ASCE)

Global Climate Change & Ethics Committee (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)

Engineers Without Borders (EWB)

El Salvador and Haiti Project Groups (2008-2010)

Floodplain Management Association (FMA) of California (1989 – Present)

PUBLICATIONS

“Perfect Storm: The Science Behind Subrogating Catastrophic Flood Losses” – NASP, The Subrogator, Spring 2007

PROFESSIONAL EXPERIENCE

- 2002 - Present **Americana Safety Associates, LLC - Palm Desert, California**
Water Resources Engineering Consultant
- Provides expert witness and litigation support to trial attorneys as a contract consultant. Areas of specialization include, but are not limited to environmental health and safety, and hydrology engineering issues.
 - Provides consultation services to business and industry on environmental and water safety issues, concerns and abatement of hazards. Additionally, he provides regulatory compliance and on-site inspection consultation services to business and industry to ensure compliance with all applicable U.S. federal and international requirements, laws and regulations.
- 1989 - 2002 **Private Practice**, – Windsor, California
Water Resources Engineering Consultant
- 1988 - 1989 **Camp Dresser & McKee Inc.**, Walnut Creek, California
Project Engineer
- 1984 - 1988 **Harding Lawson Associates**, Novato, California
Project Engineer
- 1981 - 1984 **US Army Corps of Engineers**, Los Angeles, California
District Project Manager / Hydraulic Engineer
- 1982 **Loyola Marymount University**, Los Angeles, California
Lecturer
- 1981 **University of California**, Los Angeles, California
Lecturer

AVAILABILITY

Mr. Van Bruggen is available for select nationwide assignments through Americana Safety Associates, LLC.