



martin@mrpe.com
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Martin has over 43 years of experience in the planning, analysis, evaluation and design of drainage, flood control and irrigation systems. He served as Senior Project Engineer on a wide variety of water resource development projects in the United States and in developing countries where he was able to deliver plans with the ultimate aim of positively impacting an entire community.

Martin is recognized as the pre-eminent expert on storm water and flood control in the Sacramento region. He served as a consultant during the development of the SWMM software that was created specifically to address the unique topography and challenges of Sacramento

and has continued to provide training and guidance on the software. Career highlights include:

- Nearly two decades of experience with the City of Sacramento Department of Utilities where Martin advanced the City's approach to drainage and flood control.
- A wide range of experience in the private sector in several states with firms Daniel Mann Johnson & Mendenhall, Williams Brothers Engineering Co., Franzoy Corey Engineers and Architects, PRC Engineering Consultants International, which posted Martin to Bangladesh and Guyana, and Clyde E. Williams & Associates, Inc.
- Provided the Army Corps of Engineers with urban storm water hydrology, stochastic and economic analysis, and hydraulic design of storm water pipelines, detention basins, and pumping plants.
- Publications include "Farmers' Organizations in Irrigation Development" prepared for the International Conference on Irrigation and Drainage in Cairo, "Planning Principles of Levee Design, Maintenance and Rehabilitation" for the Floodplain Management Association Conference in Sacramento and "Simple Practical Applications for Sustainability Principles in Urban Drainage Master Planning" for the International Conference on Urban Drainage in Portland.
- Commitment to sharing knowledge through volunteer work with Engineers Without Borders. Community service projects include being a volunteer mentor for Parkway Elementary School in Sacramento, a volunteer caseworker for Sacramento CASA, and a Big Brother for Big Brothers Big Sisters of Sacramento.

Related Employment History

'16, MRPE, Inc. Engineering Consultant

Provides consultation for hydraulics and hydrology expertise for municipal storm water systems.

'08 to '15, Independent Consultant

Reviews drainage studies prepared by developers and assists municipal staff with the creation of basin-wide drainage models.

'91 to '08, City of Sacramento

Senior Civil Engineer. Served as flood control and drainage expert for the City. Responsible for project management, federal, state and local agency coordination, hydrologic studies, hydraulic calculations (open channel and pressure flow), computer modeling, flood map review, environment impact review, development review, permit application review, field investigations and inspections and public meetings.

'88 to '91, DMJM

Senior Civil Engineer. Provided hydrologic and hydraulic analysis of bridges and waterways and storm water system design as well as project management, including database management, utility relocation design review and agency coordination.

Education

BS, Civil Engineering
Northwestern University

MS, Water Resource Systems
Colorado State University

Registrations

Professional Engineer, CA
#46600