

**Dr. Martin W. McCann, Jr., President
Jack R. Benjamin & Associates, Inc.**

530 Oak Grove Avenue Suite 202

Menlo Park, CA 94025

Tel: (650) 473-9955

Email: mccann@jbaslc.best.vwh.net

Dr. Martin W. McCann, Jr. is President of Jack R. Benjamin & Associates, Inc. and is a consulting professor of Civil and Environmental Engineering at Stanford University where he is the director of the National Performance of Dams Program (NPDP). His areas of expertise and professional experience includes probabilistic risk analysis for civil facilities and infrastructure, probabilistic hazards analysis, including seismic and hydrologic events, reliability assessment, risk-based decision analysis, systems analysis, and seismic engineering.

Dr. McCann received his bachelor of science in civil engineering from Villanova University in 1975, a Masters of Science in civil engineering in 1976 from Stanford University, and his Ph.D. in 1980, also from Stanford.

Currently, Dr. McCann is the project technical director of the California Delta Risk Management Project (DRMS). The DRMS project is a multi-disciplinary effort to assess the risks to California associated with levee failures in the Delta and Suisun Marsh. The risk analysis part of the study will estimate economic, environmental, and public health and safety risks. As part of the project, alternative risk management strategies will be developed to guide management of the Delta in the future. He is also a member of the U.S. Army Corps of Engineer's IPET Risk and Reliability team evaluating the risk associated with the New Orleans levee protection system.

At Stanford University, Dr. McCann is the director and founder of the National Performance of Dams Program. The program operates and maintains a library and database on dam incidents. The library contains over 10,000 documents, including the U.S. Committee on Large Dams incident files. Dr. McCann is directing the development of a web-based digital library system. The digital library and database will be an online resource on dams and their performance.

Dr. McCann served as a member of the National Academy of Sciences (NAS) review of U.S. Army Corps of Engineers flood loss assessment methodology. The review is published in an NAS report, "Risk Analysis and Uncertainty in Flood Damage Reduction Studies."