

## Paul G. Schweiger, PE, CFM

**Company Affiliation:** Gannett Fleming, Inc.  
Vice President, Dams and Hydraulics Section Manager



**Degrees:** BS, Civil Engineering, University of New Brunswick Canada, 1983  
MS, Civil Engineering – Hydrology & Hydraulics, University of New Brunswick, Canada, 1986

**Licenses and Certifications:** Professional Engineer (PA, NJ, NY, WV, ND, IL, VA, AZ, NH, MN, GA, SC, CT, MA, NC, AL, TN, Manitoba (PEng)  
ASFPM Certified Floodplain Manager

### Area of Expertise and Career Highlights:

Oversees many areas of water resources engineering, including new dam designs, dam inspections, dam assessments, design reviews, as well as providing construction services for dam and flood control projects. Special areas of expertise include hydrologic and hydraulic (H&H) studies for dams, dam rehabilitation, and facilitating potential failure modes analyses (PFMA). Has 35 years of experience providing engineering services on more than 500 dams of various types and sizes. Leads 2-D and 3-D hydraulic modeling investigations using XP 2D, HEC-RAS 2D and FLOW-3D. Has provided expert testimony and litigation support as a Hydraulic Engineer in the area of riverine flooding, water supply system operation, and operation of dams. Regularly serves as Expert Hydrology and Hydraulics Engineer on U.S. Army Corps of Engineers (USACE) Independent Peer Review Panels for dam and levee projects. Approved Federal Energy Regulatory Commission (FERC) facilitator for performing potential failure modes analysis (PFMA) exercises for dams, and serves as an Independent Consultant for FERC Part 12 dam inspections. Association of State Dam Safety Officials (ASDSO) instructor for conducting dam owner workshops and seminars on dam engineering. Currently serving on the Board of Consultants for the Oroville Spillway Emergency Recovery Project and the Gross Dam Reservoir Expansion Project.

### Awards and/or Honors:

- Keynote Speaker, 7th International Symposium on Hydraulic Structures, Aachen, Germany, 2018
- ASDSO Bruce A. Tschantz Public Safety at Dams Award, 2017
- HydroVision's Technical Papers of the Year Award - First place in the Project Management and Operations category, HydroVision International, 2016.
- President's Award, Association of State Dam Safety Officials, 2014
- National Award of Merit, September 2005, in recognition of outstanding record of leadership and service in the support of the goals and activities of ASDSO.
- Received awards for Engineering Excellence from the American Consulting Engineers Council, and the Association of Conservation Engineers for dam rehabilitation and new dam projects.

### Professional Affiliations:

Association of State Floodplain Managers (ASFPM)  
United States Society on Dams (USSD)  
Hydraulics and Spillways Committee  
Committee for Dam Rehabilitation Using RCC  
Association of State Dam Safety Officials (ASDSO)

Chairman Affiliate Member Advisory Committee (AdCom)  
Chairman Distance Learning Subcommittee Chairman  
Chairman of Public Safety at Dams Committee  
Technical Training Program Committee  
Technical Advisor for Natural Resources Conservation Service (NRCS) Study Work Group  
For Evaluating Design Tools for RCC Stepped Spillways and Embankment Armoring  
Federal Emergency Management Agency (FEMA) Dam Safety Review Board Private Sector  
Representative (2009-2011)

**Notable Published Papers:** Published more than 50 technical papers and engineering design manuals, including papers on spillway design, evaluating spillway erosion and integrity, rehabilitating spillways, PCA Manuals for use of RCC for dams, and FEMA guidelines for selecting and accommodating inflow design floods for dams (FEMA 94).