

Principal

Robert Stephens, PE is Principal Engineer for Stephens Associates' geotechnical/geological, earthquake and dams consulting services. He served as District Manager, Project Manager, Project and Staff Engineer with nationally recognized engineering firms on the east and west coasts of the United States, Hawaii and Guam. Mr. Stephens has performed geotechnical, geological, geophysical, earthquake and environmental engineering, hydraulics and/or hydrology on civil works, including buildings and infrastructure, in the United States and overseas. He has evaluated and designed foundations, excavation support systems, embankments and slopes. Mr. Stephens has engineered rock slopes, and performed and/or supervised geotechnical, geological, seismic, hydraulic and hydrologic studies of existing facilities such as seismic safety evaluations for dams, including High Hazard, large embankment and historic stone-masonry dams. He has evaluated earth properties by geotechnical and geophysical methods including seismic refraction techniques. He is a member of the Association of State Dam Safety Officials. He has served as President of the Boston Society of Civil Engineers Section (BSCES) of the American Society of Civil Engineers (ASCE), a member and Co-Chair of the Editorial Board of *Civil Engineering Practice*: the Journal of the BSCES, and Chair of the Geotechnical Group of BSCES. He was Chair of the Sections and Branches Council of the Geo-Institute (G-I) of ASCE, was a charter member of the G-I Professional Practice Council. He currently serves on the G-I Technical Committee on Embankments, Dams and Slopes, and the G-I Codes and Standards Committee on Inspection of Dams.

Registrations/Certifications

Maine: Professional Engineer #10191

Massachusetts: Professional Engineer #40748

New Hampshire: Professional Engineer #10859; Professional Geologist #435

Vermont: Professional Engineer #8180

Education

M. Eng./Civil (Geotechnical) Engineering/Cornell University, Ithaca, New York/1990

BS/Geology & Geophysics/ University of Hawaii at Manoa, Honolulu, Hawaii/ 1989

Undergrad. Studies, Geological Engineering/ University of New Hampshire, Durham, NH/1982-1985

Undergrad. Studies, Mining Engineering/Montana College of Mineral Science and Technology/Butte, MT/1980-1981

Professional Activities/Affiliations/Memberships

American Society of Civil Engineers (ASCE), 1990 to present

- National Technical Committee on Embankments, Dams and Slopes, Geo-Institute of ASCE, 1998-present
- Standards Committee for Inspection of Dams, Geo-Institute of ASCE, 2005 to present
- Chair, Sections and Branches Council, Geo-Institute of ASCE, 2001 to 2003
- Charter Member, Geo-Institute of ASCE National Professional Practice Council, 2001-2003
- Session Chair, Measured Performance of Slopes and Embankments, Amherst 2K - Geo-Institute National Specialty Conference on Performance Confirmation of Constructed Geotechnical Systems, University of Massachusetts, Amherst, MA, April 9-12, 2000

Boston Society of Civil Engineers Section (BSCES) of ASCE

- Past President 2010 to 2011; President 2009 to 2010; President-Elect 2008 to 2009; Senior Vice President 2006 to 2008; Vice President 2004 to 2006; Secretary 2003 to 2004
- *Civil Engineering Practice, the Journal of BSCES*: Editorial Committee 2000 to 2010; and Co-Chair 2003 to 2005,
- Chair, Geotechnical Group, BSCES of ASCE, 1999 to 2000
- BSCES Liaison to the Geo-Institute of ASCE, 1997 to 2000

The Engineering Center in Boston, Inc. and The Engineering Center Education Trust, Boards of Directors 2010-2013

Member, United States Society on Dams (USSD), 2005 to present

Member, Association of State Dam Safety Officials (ASDSO), 2005 to present

Member, Cornell Engineering Alumni Association

Invited Lecturer, Civil Engineering Applications of Tire Shreds, *On the Road Again* Session, Buy Recycled and EPP Vendor Fair, October 26, 2000, Boxborough, Massachusetts

Invited Lecturer, Geotechnical Application of Tire Shreds, Workshop on Beneficial Uses of Scrap Tires in Engineering Applications, January 30 and March 21, 2002