



PATRICK J. BAROSH attended the University of California at Los Angeles for his B.A. and M.A. degrees and the University of Colorado for his Ph.D. in geology. During his long career, he has worked for the United States, Turkish and Chinese geological surveys, as well as served as a research Professor at Boston College's Weston Observatory. He currently works as a geologic consultant and as a visiting research fellow at the Chinese Academy of Geological Sciences for research in Tibet. He directed a major study across the north-eastern United States for the U.S. Nuclear Regulatory Commission to determine faults and assess the cause and hazard of earthquakes, with supplemental research for the U.S. Army Corps of Engineers and the U.S. Department of Energy. Over the past forty-two years, he has carried out extensive bedrock and surficial geologic mapping for the USGS, from their Boston office, and for others across eastern Massachusetts and elsewhere for application to environmental, engineering and water resource problems, especially those related to fault and fracture control.



DAVID WOODHOUSE is a member of BSCE and a registered professional geologist. He is the President of Woodhouse Geosciences and has over forty-five years of experience in hydrogeology, geotechnical engineering and construction/geological forensics. After receiving his undergraduate and graduate degrees in geology from Boston University, he worked as an engineering geologist for over twenty years with major geotechnical firms in the Boston area. His projects have included the design of major structures — including high-rise buildings, highways, dams, tunnels and nuclear power plants. While currently working as a court-recognized expert, he provides services to attorneys on cases involving the fate and transport of chemicals, contaminant pathways and bedrock fracture flow. His work in Boston has given him a valuable insight into the complex geological and soil problems in the Boston area, and he also has developed a keen interest in its history since colonial times.