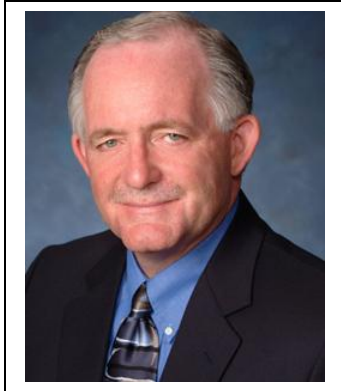




David C. Curtis, Ph.D.

Vice President



For the past 34 years, Dr. Curtis has been on the leading edge of flood risk management services. He has been involved in the design, development, and implementation of award winning innovations in more than 50 automated environmental monitoring systems across the US and in eighteen countries abroad. Fault-tolerant designs, dual redundant computer configurations, and integrated networks are among the concepts advanced by Dr. Curtis. In addition, Dr. Curtis has contributed significantly to the economic analysis of flood warning systems, quantified the communication capacities of ALERT flood warning systems, and developed procedures for designing gage networks. Recently, Dr. Curtis has been applying new weather information technologies such as radar-rainfall estimates to hydrologic analysis and modeling.

Registration

Flood Risk Management

Education

Massachusetts Institute of Technology, Ph.D. Water Resources, 1982

Johns Hopkins University, Graduate Studies in Numerical Science, 1976

University of Maryland, MS Civil Engineering, 1975

Pennsylvania State University, BS Agricultural Engineering, 1972

Following a career as a flash flood hydrologist for the National Weather Service, Dr. Curtis co-founded a hydrologic software company specializing in flood warning, which later merged with a manufacturer of hydro-meteorological instrumentation.

Internationally recognized as an expert on hydrology, Dr. Curtis has authored more than seventy technical articles and reports. In June 1989, Dr. Curtis accepted the Computerworld/Smithsonian Award for Innovative Uses of Information Technology in the "Energy, Natural Resources, and Environment" category.

Professional Societies

American Geophysical Union

American Society of Civil Engineers

American Meteorological Society

Association of State Flood Plain Managers

American Water Resources Association

California Flood Plain Managers Association

California-Nevada Association of ALERT Users

Southwestern Association of ALERT Systems

National Hydrologic Warning Council