

## **PROFESSIONAL RESUME**

**Raymond M. Slade Jr.**

**Professional Hydrologist**

**Certification no. 1617**

**Certified and Registered by the American Institute of Hydrology**

### **EDUCATION:**

Bachelor of Science in Mathematics and Physics from Southwest Texas State University in 1971.  
Undergraduate and graduate courses in hydrology, hydraulics, mathematics, and physics at the University of Texas.  
Twenty-six formal training courses in water resources, personnel management, and administration through the U.S. Geological Survey (list available upon request).

### **EXPERIENCE:**

Independent Consulting Hydrologist (list of services performed available upon request), 2003-  
Adjunct Professor at Austin Community College - teach Hydrologic Field Methods, 2003-  
Hydrogeologist with Edwards Aquifer Research and Data Center at Texas State University, 2005-2012  
Hydrologist with U.S. Geological Survey, 1971 to 2003 (retired)  
Surface-Water Specialist for Texas District office of USGS, 1996 to 2003  
Supervisory Hydrologist of 12 staff employees at USGS  
Management representative for USGS Equal Opportunity Program  
Committee member for National Urban Runoff Program for USGS  
Committee member for Total Quality Management, Science Plans, and Strategic Plans for USGS

### **PROFESSIONAL ORGANIZATIONS:**

American Institute of Hydrology  
Water Environment Association of Texas  
International Association of Hydrological Sciences  
Austin Geological Society  
American Water Resources Association  
Association of State Floodplain Managers  
Geological Society of America

### **SELECTED PROFESSIONAL ASSOCIATIONS:**

Member of Technical Advisory Committee for Hill Country Alliance  
Technical Review Group, Edwards Aquifer Regional Plan  
Watershed Masterplan Citizens Advisory Group, City of Austin Watershed Protection Department  
Technical Advisory Group, Barton Springs Edwards Aquifer Conservation District  
Stakeholder Committee for Rules, Texas Board of Professional Engineers  
Speaker and Experts Bureau, Austin Community College  
Groundwater Model Advisory Team, Barton Springs Edwards Aquifer Conservation District  
Technical Committee, Texas Colorado River Floodplain Coalition  
Advisory Board Member and Chair of Technical Advisory Committee, Texas Springs Alliance  
Governor's Drought Preparedness Council (Texas)  
Texas Water Monitoring Congress  
Endangered Species Recovery Team, Barton Springs salamander, U.S. Fish and Wildlife Service  
Technical Advisory Council, Lower Colorado River Authority  
Citizens Advisory Council, City of Austin Watershed Protection Department  
Advisory Board for Hill Country Alliance

### **RESEARCH AND PROFESSIONAL ACTIVITIES**

Authored 120 reports and served as project chief on about 30 USGS investigative projects on topics including the Edwards aquifer, floods, droughts, rural and urban hydrology, non-point source pollution, and water quality of surface and ground water in Texas (bibliography available upon request).  
Conceived and developed several dozen scientific investigative projects to city, State, and Federal agencies, and river authorities.  
Represented the USGS and others in many State and Federal, judicial and administrative, hearings and proceedings.  
Lectured and presented reports at many local, statewide, and national conferences and conventions.  
Served on theses and dissertation committees for many students and as guest lecturer at many universities.