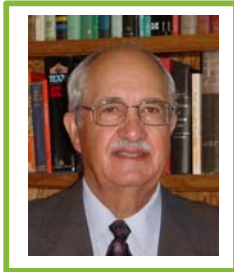


**James E. Caffey, PhD,
PE, CFM**
Senior Associate
Hydrology/Hydraulics



Education

- B.S. in Civil Engineering, Texas A&M University - 1955
- M.S. in Civil Engineering, Texas A&M University - 1956
- Ph.D. in Civil Engineering, Colorado State University - 1965

Registration

- Registered Professional Engineer (PE) Texas No. 25564 - 1966
- Certified Floodplain Manager (CFM), No. 0397-02N - 2002

Affiliations

- American Geophysical Union
- American Society of Civil Engineers, Fellow/Life Member
- American Water Resources Association, Fellow Member
- National Society of Professional Engineers, Life Member
- Texas Floodplain Management Association

Professional Experience

- Caffey Engineering, Inc.
- City of Arlington – Environmental Management Division
- Rady and Associates, Inc.
- Turner, Collie & Barden, Inc.
- University of Texas at Arlington – Professor, Department of Civil Engineering

Dr. Caffey is an integral member of the JEA HydroTech team. As a professional associate, he has been instrumental in developing hydrological numerical modeling for various projects.

Significant Project Experience

- **Caffey Engineering, Inc., Arlington, TX**

As principal of Caffey Engineering, Inc., provided engineering services in the areas of hydraulics, hydrology, and management related to floodplains; drainage planning, analyses and design; erosion control design; water supply and distribution system analyses; site planning and design; consultations and expert testimony related to groundwater, hydraulics, and hydrology; permit applications; and computer applications and information management in the field of water resources.

- **City of Arlington, Texas**

While with the City of Arlington, Dr. Caffey's areas of responsibility included stormwater quality management, EPA NPDES MS4 Permit application and implementation, and hydrologic and hydraulic analyses and reviews. Managed the creation and implementation of a GIS database system for the stormwater drainage and water quality infrastructure. Populated the database by gathering field data using GPS and using engineering design plans. Represented Arlington on the Regional Stormwater Management Coordination Council (RSWMCC). The RSWMCC was responsible for the development and publication of the three Stormwater BMP Manuals and the establishment of a training course on the inspection of installed BMPs at construction sites. Chaired the RSWMCC for two years. Member and Chair of the TPWA/NCTCOG Project Management Committee for the development of the *Texas Nonpoint SourceBook*, a 319 Grant Project. Served on the City's Staff Technical Advisory Committee for the Johnson Creek Corridor Plan. Prepared the Stormwater Pollution Control Ordinance adopted by the City Council. Served on the committee that revised the Flood Hazard Ordinance. Served on the committees charged with rewriting the Subdivision Rules and Regulations Ordinance and writing a Design Criteria Manual. Conducted a one-day Stormwater Pollution Prevention Workshop on "Arlington's Expectations for Industry and Development Compliance" with EPA NPDES stormwater permits.