

Kevin Backe

CURRENT POSITION:

Serves as Technical Director for Research and Development at the Engineer Research and Development Center's (ERDC) Topographic Engineering Center. Mr. Backe's previous positions at TEC were: Associate Technical Director, Supervisor Physical Scientist, Geospatial Standards Coordinator for USACE and Physical Scientist. In the 1980s, prior to working at TEC, Mr. Backe worked as an Intelligence Officer (Imagery Analyst) for the Defense Intelligence Agency, and as a Cartographer for the Defense Mapping Agency.

During his tenure at TEC, DIA, and DMA Mr. Backe performed and/or managed the following activities: ; research and development, terrain/geospatial application development, GI standards development; data modeling, analysis, systems engineering, and cartographic production and imagery analysis using Geographic Information (GI) and geoprocessing technologies (*i.e., Geographic Information Systems (GIS), remote sensing, image exploitation, spatial databases, geographic (terrain) data, automated cartography, GI collection technologies, imagery/photo analysis, Tactical Decision Aids (TDA) and other military GI applications, modeling & simulation terrain databases*).

Mr. Backe's has an undergraduate degree from University of Maryland Baltimore County (UMBC), 1981 with primary undergraduate studies: Geography/Cartography, Mathematics, and Computer Science and a graduate degree from University of California, Santa Barbara, 1987 with primary graduate studies: Geography, Remote Sensing/Digital Image Processing, Automated Cartography.

Mr. Backe received the following awards: TEC Director's Award for Scientific & Technical Achievement 1998 and OpenGIS Consortium Vision Award 2003.