

Kevin C. Caravati

Mr. Caravati is a Principal and Founder of Applied Plasma Arc Technologies, LLC and a Senior Research Scientist and Professional Geologist at the Georgia Tech Research Institute (GTRI), the applied research arm of the Georgia Institute of Technology. He received his Bachelor's degree in Geology from the University of Dayton, Ohio, and a Master of Science in Geology-Hydrogeology track from the University of South Florida in Tampa, Florida. He earned a Master's degree in Business Administration (International Business) from the Stetson School of Business and Economics at Mercer University in Atlanta. He began work with GTRI in 2002.

Mr. Caravati served as a Hydrogeologist, Project Manager, and Project Director for a wide range of water resources and water quality projects in the United States, Mexico and England. He has led numerous water resource investigations that included delineating watersheds using aerial imagery and GIS tools, well installation and testing programs, monitoring and field data collection programs, and developing ground water flow and contaminant transport models for predictive studies. Since 2008, he served as Director of the Environmental Safety and Occupational Health Programs at GTRI, and as Program Manager for environmental engineering research for a global services provider. Mr. Caravati also served as a research lead in Georgia Tech's Plasma Arc Research Facility.

Mr. Caravati's areas of research include the design and prototyping of dry sanitation systems; testing of chemical and biological sensor systems for environmental applications; modeling of renewable energy systems for rural areas; water supply and wastewater studies for sustainability and energy efficiency; and water resource investigations for rural watersheds in developing countries. He serves as a Research Advisor to Georgia Tech's Engineering Students Without Borders chapter, and in 2007 he led or participated in projects in Angola, Bolivia, and Yellowstone National Park, and served in an advisory capacity for projects in Kenya, Japan, Korea, Guam, and Ireland.

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