

Jeff Myers is a nationally and internationally recognized expert in characterization, sampling, statistics, uncertainty management, and data quality. He is the author of Geostatistical Error Management (GEM): Quantifying Uncertainty for Environmental Sampling and Mapping and assists EPA in developing guidance documents and national environmental policies. Mr. Myers' GEM book has been used as a model for USEPA's RCRA Waste Sampling Draft Technical Guidance.

Mr. Myers has been a member of the EPA's Triad Community of Practice since its inception and serves on its Science Advisory board. He has consulted at 30 Federal facilities and for 10 law firms on hazardous, toxic, and radioactive waste issues.

Mr. Myers applies innovative statistical approaches to the appraisal of substances for nuclear, environmental, agricultural, and mining applications through the use of Data Quality Objectives (DQOs), Data Quality Assessment (DQA), Sampling Theory & Practice (STP), and Geostatistical Appraisal techniques. Nuclear applications include wastes destined for and disposed in the Waste Isolation Pilot Plant (WIPP) in Carlsbad, New Mexico and waste characterization at the Savannah River Site, Oak Ridge, TN; West Valley, NY; Los Alamos, NM; Idaho National Laboratory; and Rocky Flats, CO. Environmental applications include the delineation of the extents and levels contaminants of concern at hazardous waste sites including heavy metals, organic solvents, PCBs, pesticides, dioxin, explosives, and OE-UXO in soils, sediments, groundwater, and buildings. Mining applications include ore reserve appraisals for gold, silver, platinum, copper, lead/zinc, uranium, coal, molybdenum, bauxite, and gypsum deposits. These approaches employed have been used successfully on projects in a variety of industries for characterization, dispute resolution, litigation support, bankable statements, feasibility studies, litigation support, and troubleshooting grade control.

Mr. Myers has extensive experience in teaching and training. Over a period of 30 years, he has taught more than 100 training courses in environmental geostatistics, mining geostatistics, and, for the last 15 years, DQOs. Mr. Myers has taught graduate-level environmental statistics at Denver University in the Environmental Management Program, and teaches in-house courses to government and industry. In addition to his GEM textbook, Mr. Myers has published more than 30 professional papers and magazine articles.

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