



## Acronyms

<b>3TMO</b>	3-Tiered Monitoring and Optimization Tool
<b>AIC</b>	Akaike information criterion
<b>AFCEC</b>	Air Force Civil Engineer Center (formerly AFCEE)
<b>AFCEE</b>	Air Force Center for Engineering and the Environment (changed to AFCEC)
<b>ASTM</b>	American Society for Testing and Materials (now known just as ASTM International)
<b>BIC</b>	Bayesian information criterion
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act
<b>CES</b>	cost-effective sampling
<b>CSM</b>	conceptual site model
<b>DQO</b>	data quality objective
<b>EDA</b>	exploratory data analysis
<b>ERIS</b>	Environmental Restoration Information System
<b>FIELDS</b>	
<b>GRASS</b>	Geographic Resources Analysis Support System
<b>GRO</b>	Geostatistics for Remediation Optimization
<b>GSMC</b>	Groundwater Statistics and Monitoring Compliance
<b>GTS</b>	Geostatistical Temporal-Spatial optimization software
<b>GUI</b>	graphical user interface
<b>GWSDAT</b>	Groundwater Spatiotemporal Data Analysis Tool
<b>IDW</b>	Inverse Distance Weighting
<b>ISM</b>	Incremental Sampling Methodology
<b>i.i.d.</b>	independent and identically distributed
<b>LNAPL</b>	light nonaqueous phase liquid
<b>LTM</b>	long-term management
<b>LTMO</b>	long-term monitoring optimization

**MAROS** Monitoring and Remediation Optimization Software

**MNA** monitored natural attenuation

**MSE** mean squared error

**NAPL** nonaqueous phase liquid

**NDMA** nitrosodimethylamine

**PCB** polychlorinated biphenyl

**Q-Q** quantile-quantile

**RBF** radial basis function

**RCRA** Resource Conservation and Recovery Act

**RMSE** Root mean squared error

**SADA** Spatial Analysis and Decision Assistance

**SAS** Statistical Analysis System

**USACE** U.S. Army Corps of Engineers

**USEPA** United States Environmental Protection Agency

**UST** underground storage tank

**VBA** Visual Basic for Applications

**VSP** Visual Sampling Plan