



Acronyms

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