

Training Opportunities for 2021

Resource Modeling Solutions Ltd. in partnership with the Centre for Computational Geostatistics have scheduled a series of short course modules that will be streamed online in 2021. Pre-course material, three hours of lectures, and post course material including data and complete solutions will be provided for each module. Full case study examples using porphyry and vein deposits will be provided with Resource Modeling Solutions Platform (RMSP) software, including a temporary license for participants to run the workflows after the class at their convenience. A series of pre-recorded and optional videos that introduce Python and RMSP, will be provided to all course attendees. Each module will be presented twice: 8:30 to 12 noon Mountain time and 8:30 to 12 noon Australian AWST time the following day.

April 26	Introduction: high level overview of modern geostatistics including workflows
April 27	EDA and outliers: exploratory data analysis including multivariate and outlier management
April 28	Variograms: calculation, interpretation and modeling for continuous and categorical variables
April 29	Kriging: estimation including validation and setup for different model applications
June 7	Simulation fundamentals: Gaussian background, normal score transform, stationary simulation
June 8	Simulation with a trend: trend modeling and removal for non-stationary simulation
June 9	Parameter uncertainty and checking: spatial bootstrap and simulation checking
June 10	Hierarchical truncated pluriGaussian: theory and application of HTPG for categorical simulation
September 6	Decorrelation: PCA, MAF and PPMT transforms for multivariate model building
September 7	Porphyry workflow: categorical and continuous simulation of a porphyry deposit with HTPG and PPMT
September 8	Data imputation: management of missing multivariate data and differing quality/biased data
September 9	Tabular/vein workflow: geometric and continuous property simulation with flattening transformations
December 6	Drillhole spacing workflow: optimize drill hole spacing with local factors and value of information
December 7	Machine learning and geometallurgical: practical techniques and applications
December 8	Short term models with mixed data type workflow: modeling with data of differing quality and scale
December 9	Probabilistic resource modeling: management and disclosure of mineral resources (high level)

The pricing per module is CAD \$500, with the following discounts cumulatively applied:

Early Registration (by March 31, 2021)	10%
Registration for ≥ 5 modules	10%
RMSP Licensee	10%
CCG Member	10%

Signing up for all 16 modules with all discounts would be CAD \$4800. Contact Resource Modeling Solutions at contact@resmodsol.com with any questions. Course registration will open in January, 2021. Detailed course descriptions are available at <https://resourcemodelingsolutions.com/training>