

# Training Opportunities for 2023

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 2023. Three hours of lectures, and post course material including data and complete solutions will be provided for each module. Case study examples using the 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 8:30 to 12 noon Mountain time.

May 12	<b>Introduction:</b> high level overview of modern geostatistics including workflows
May 19	<b>EDA and outliers:</b> exploratory data analysis including multivariate and outlier management
May 26	<b>Variograms:</b> calculation, interpretation, and modeling for continuous and categorical variables
June 9	<b>Kriging:</b> estimation including validation and setup for different model applications
June 16	<b>Simulation fundamentals:</b> Gaussian background, normal score transform, stationary simulation
June 23	<b>Simulation with a trend:</b> trend modeling and removal for non-stationary simulation
July 7	<b>Parameter uncertainty and checking:</b> spatial bootstrap and simulation checking
July 14	<b>Hierarchical truncated pluriGaussian:</b> theory and application of HTPG for categorical simulation
July 21	<b>Decorrelation:</b> PCA, MAF and PPMT transforms for multivariate model building
September 8	<b>Porphyry workflow:</b> categorical and continuous simulation of a porphyry deposit: HTPG and PPMT
September 15	<b>Data imputation:</b> management of missing multivariate data and differing quality/biased data
September 22	<b>Tabular/vein workflow:</b> geometric and property simulation with flattening transformations
November 3	<b>Machine learning for geometallurgical modeling:</b> practical techniques and applications
November 17	<b>Drillhole spacing workflow:</b> optimize drill hole spacing with local factors and value of information

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

<b>Early Registration (by April 12, 2023)</b>	10%
<b>Registration for ≥ 5 modules</b>	10%
<b>RMSP Licensee</b>	10%
<b>CCG Member</b>	10%

Signing up for all 14 modules with all discounts would be CAD \$4,200. Contact Resource Modeling Solutions at [contact@resmodsol.com](mailto:contact@resmodsol.com) with any questions. Detailed course descriptions and course registration are available at <https://resourcemodelingsolutions.com/training>

**Registration will open in March 2023**