

Training Opportunities for 2022

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 2022. 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 8:30 to 12 noon Mountain time.

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| May 2 | Introduction: high level overview of modern geostatistics including workflows |
| May 3 | EDA and outliers: exploratory data analysis including multivariate and outlier management |
| May 4 | Variograms: calculation, interpretation and modeling for continuous and categorical variables |
| May 5 | Kriging: estimation including validation and setup for different model applications |
| June 13 | Simulation fundamentals: Gaussian background, normal score transform, stationary simulation |
| June 14 | Simulation with a trend: trend modeling and removal for non-stationary simulation |
| June 15 | Parameter uncertainty and checking: spatial bootstrap and simulation checking |
| June 16 | 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 |
| November 7 | Machine learning for geometallurgical modeling: practical techniques and applications |
| November 8 | Drillhole spacing workflow: optimize drill hole spacing with local factors and value of information |

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

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| Early Registration (by April 10, 2022) | 10% |
| Registration for ≥ 5 modules | 10% |
| RMSP Licensee | 10% |
| CCG Member | 10% |

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