

Introduction

Resource Modeling Solutions (RMS) is pleased to offer the following training opportunities for 2025:

1. Short Courses in Geostatistics will be divided into:
 - a. A series of online modules, focused on fundamentals of geostatistics and comprised of complementary theoretical and practical sessions.
 - b. A five day in-person training course on advanced topics in geostatistics, delivered in Denver in October 2025.
2. A five day in-person workshop focused on practical Python scripting and estimation with the Resource Modeling Solutions Platform (RMSP). This workshop will be provided with different location, time, and language options:
 - a. Perth, Australia in March 2025 (English)
 - b. Denver, United States in TBD 2025 (English)
 - c. Brisbane, Australia in TBD 2025 (English)
 - d. Belo Horizonte, Brazil – tentative (Portuguese)

Additional summary information on these course options follow, as well as links to their detailed syllabus, which provides further logistical details and pricing.

Geostatistics Short Courses: Online Modules on Fundamentals of Geostatistics

Each module is separated into two dedicated sessions on theory and practical implementation. Theory modules include three hours of lectures, provided from 8:30am to 12 noon Mountain time (30 minutes for breaks). Practical sessions include 2.5 hours of lectures, provided from 8:30am to 12 noon Mountain time (one hour for breaks and practice). Each participant will have access to the recorded lecture for personal use. See detailed syllabus [here](#).

Theory	Practice	
May 16	May 23	Introduction: high level overview of modern geostatistics including workflows
May 30	June 6	EDA and outliers: exploratory data analysis including multivariate and outlier management
June 13	June 20	Variograms: calculation, interpretation, and modeling for continuous and categorical variables
July 11	July 18	Kriging: estimation including validation and setup for different model applications
Aug 15	Aug 22	Simulation fundamentals: Gaussian background, normal score transform, simulation

Geostatistics Short Courses: In-Person Courses on Advanced Geostatistics

Five full days of lectures and hands-on sessions are planned. These will be presented in Denver, Colorado, United States, by senior staff. Optional pre course and post course materials will be made available. Participants with basic geostatistics training and some experience will gain the most from these in-person sessions. See detailed syllabus [here](#).

October 13	Practical simulation: simulation with a trend, parameter uncertainty, and multiple variables
October 14	Domain simulation: surface (boundary) simulation and simulation of categories with HTPG
October 15	Workflows: simulation workflows for disseminated porphyry and tabular deposits
October 16	Classification and drillhole spacing workflow: optimize drill hole spacing and VOI
October 17	Machine learning for geometallurgical modeling: practical techniques and applications

In-Person Workshop: Python Fundamentals and Estimation with RMSP

Five day in-person workshop focused on practical Python scripting and estimation with the Resource Modeling Solutions Platform (RMSP). Five full days of lectures, software demonstrations and hands-on sessions are planned. These will be presented by senior staff and optional pre and post course materials will be made available. RMS plans to offer the workshop at the following dates and locations:

Location	Date	Language
Perth, Australia	March 24-28	English
Denver, USA	TBD	English
Brisbane, Australia	TBD	English
Belo Horizonte, Brazil	Tentative	Portuguese

Each day includes approximately three and a half hours of lectures and software demonstrations, along with three hours of hands-on work, split between morning and afternoon sessions from 9:00 AM to 5:00 PM local time. A summary of the daily topics is provided below, with a detailed syllabus [here](#).

Day 1	Introduction to Python, Jupyter Notebooks, and Essential Data Science Packages
Day 2	Data Visualization in Python and Introduction to RMSP
Day 3	Resource Modeling Workflow Setup and EDA
Day 4	Variogram Calculation and Modeling
Day 5	Estimation and Validation

Pricing, Registration, and Training Licenses

Pricing information varies for each training offer and can be found within the detailed syllabus of each course that is linked above. When registering for training, the following is included in pricing:

- Temporary RMSP training licenses valid for one month before and after the course, ensuring participants can engage without affecting their organization's existing RMSP licenses
- Case studies using the RMSP software
- *For in-person training only:* catering for the duration of the course

Contact Resource Modeling Solutions at contact@resmodsol.com with any questions. All training offers are detailed at <https://resourcemodelingsolutions.com/training>, where registration can also be made.