Mineral Resource Estimation: An Introduction
The University of Cape Town | Rondebosch, South Africa • February 4–5, 2017

DESCRIPTION
This SEG 2-day workshop will be held at the University of Cape Town on February 4–5, 2017, prior to the Mining Indaba meeting. The workshop will focus on the fundamentals of geology and sampling that are required for robust mineral resource estimation and will include an introduction to variography and kriging. Industry geologists, mine managers and investors, as well as upper level undergraduate and graduate students in economic geology, will find the workshop relevant and useful.

Day 1
- Introduction to Mineral Resource Management (MRM);
- Geology models for mineral resource estimation;
- Drilling and sampling;
- Data validation, QA/QC, statistics.

Day 2
- Exploratory Data Analysis (EDA) and an introduction to geostatistics;
- Spatial analysis (modelling variograms);
- Kriging;
- Mineral resource classification and an introduction to non-linear geostatistics.

PRESENTER
Sean Duggan
Sean has more than 30 years of international experience in mineral exploration and mineral resource evaluation. Currently he is enjoying working as a Z* consultant evaluating mineral resources. He was previously employed by De Beers, Namdeb, and Anglo American in various capacities, estimating and classifying mineral resources. His main focus is currently on diamonds and base metals.

Specialties: mineral resource estimation, mineral resource classification, evaluation and mining of marine diamond placers, optimizing drilling and sampling programs, resource geology, evaluation of diamond placers, mineral resource valuation, mineral resource due diligence, and technical reviews.

REGISTRATION
Online at segweb.org/events#17RMRUCT

Early Registration
(through January 15, 2017)
Member: US$695
Non-member: US$795
Student: US$295
Student Non-member: US$345

Late Registration
(after January 15, 2017)
Member: US$795
Non-member: US$895
Student: US$345
Student Non-member: US$395

Please note that SEG reserves the right to cancel this event should minimum attendance numbers not be met by January 15, 2017. For further information on cancellation policy, event photography, and dietary restrictions, visit www.segweb.org/tc.