Mineral Resource Estimation: An Introduction
The University of Cape Town | Rondebosch, South Africa • February 7, 2016

DESCRIPTION
This SEG workshop will be held at the University of Cape Town on February 7, 2016, the Sunday 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, and upper level undergraduate and graduate students in economic geology will find the workshop relevant and useful.

Session 1: Introduction to Mineral Resource Management (MRM), the importance of geology for estimation, and correct modeling, drilling and sampling, QA/QC.

Session 2: Data validation, statistics and Exploratory Data Analysis (EDA), introduction to geostatistics.

Session 3: Spatial analysis, variogram modeling and ordinary kriging.

Session 4: Mineral resource classification and introduction to non-linear geostatistics.

Informal reception and networking.

PRESENTER
Sean Duggan
Geologist with more than 30 years of international experience in mineral exploration and mineral resource evaluation. Currently enjoying working as a Z* consultant evaluating mineral resources. 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#16RMRUCT

Early Registration
(through January 18, 2016)
Member: US$395
Non-member: US$495
Student: US$195
Student Non-member: US$245

Late Registration
(after January 18, 2016)
Member: US$495
Non-member: US$595
Student: US$245
Student Non-member: US$295

Please note that SEG reserves the right to cancel this event should minimum attendance numbers not be met by January 18, 2016. For further information on cancellation policy, event photography, and dietary restrictions, visit www.segweb.org/tc.