Mineral Resource Estimation:
Recent Advances and Current Best Practice
V I R T U A L   C O N F E R E N C E

19 October 2020

In an era of rapid technological innovation, opportunities exist to improve efficiency and quality of resource estimates, both developing trust and encouraging investment in mining projects. This conference aims to provide a forum for resource estimate practitioners to meet and discuss new developments and advances in mineral resource estimation and reporting.

As part of the conference, we will explore topics from the following broad areas:

- **Exploratory data analysis:** analysis of geoscience data prior to use in a MRE including databasing, data quality analysis, utilising 'big data', and methods of critical evaluation.
- **Geological modelling:** methods and processes used for generating 3D models of geological features, including software advances and comparisons, how to integrate 'big data' and busting commonly encountered myths.
- **Geostatistics and grade estimation:** methods for estimating tonnage and grade/quality of a mineral deposit, including recent software advances, new techniques and comparisons of techniques in different mineralization types. Reconciliation between estimates and production, to ground truth models.
- **Resource reporting:** methods used for generating Mineral Resource statements, including methods for demonstrating 'reasonable prospects for eventual economic extraction' (as defined in international reporting codes), including updates/comparisons of CRIRSCO standards, new ESG requirements and participating committees.

Co-Convenors and Keynote Speakers

Ben Lepley Senior Resource Geologist

Lucy Roberts Principal Resource Geologist

James Catley Resource Geologist

Further information

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#gslminerals20**

Call for papers

We invite oral abstract submissions for the meeting, and these should be sent in a Word document to conference@geolsoc.org.uk by **Friday 21st August 2020.** Abstracts should be approximately 250-350 words and include a title and acknowledgement of authors and their affiliations.