



UNIVERSITÉ
DE GENÈVE
FACULTY OF SCIENCE
Department of Earth Sciences



SEG-SGA Student Chapter Meeting

Sustainable Mineral Resources Supply: Challenges for Future Generations



University of Geneva, Switzerland - September 13-16, 2022

The 2022 European SEG and SGA Student Chapter meeting is a unique opportunity for students and postdocs to present their research work during talks and poster sessions. It will allow us to address new research directions and to discuss challenges related to a sustainable supply of mineral resources, in particular in the frame of the energy transition towards a low carbon world.

The meeting from Sept 13th to 15th will be free of charge and it will include: 6 **keynote talks**, 2.5 days of **talks and posters by PhD-MSc students and post-docs**, and 1 **brainstorming afternoon** about sustainable mineral resources supply and challenges for future generations.

A post-meeting **short course on porphyry-epithermal systems** will be organized on Sept 16th. Registration is limited to 50 participants and at a cost of 30 Euros. Speakers are: **K. Kouzmanov & M. Chiaradia (Geneva), C. Chelle-Michou (Zurich), J. Wilkinson (London)**.

Themes at a glance (non-exhaustive):

Regional controls of ore formation; Ore deposits in metamorphic, magmatic-hydrothermal and sedimentary environments; Exploration of ore deposits; Environmental and Societal impacts of mining and exploration; Geometallurgy; New and cutting edge analytical tools applied to ore deposit research; Future demand and supply of metals **etc.**

Confirmed keynote speakers:

T. Baker (Eldorado Gold): *Geochemical fertility, ore deposit models and geological mapping*
R. Baumgartner (Teck Resources): *Beyond conventional geometallurgy for a circular economy*
K. Goodenough (BGS): *Where will all the lithium for batteries come from?*
D. Holwell (U. of Leicester): *Porphyry fertility starts in the Goldilock's zone*
E. Nickless (IUGS): *Demand for mineral resources and sustainable development goals*
O. Vidal (U. Grenoble-Alpes): *The needs for raw materials and energy in a changing world*

Abstract submission deadline: May 1st 2022 (300 words)

Information, program & registration: <https://smrs2022.com/>

Conference chairs:

Şafak Utku Sönmez, François Turlin, Ali Aluç & Robert Moritz
University of Geneva, Switzerland - info@smrs2022.com