



Mining and Metallurgical Society of America

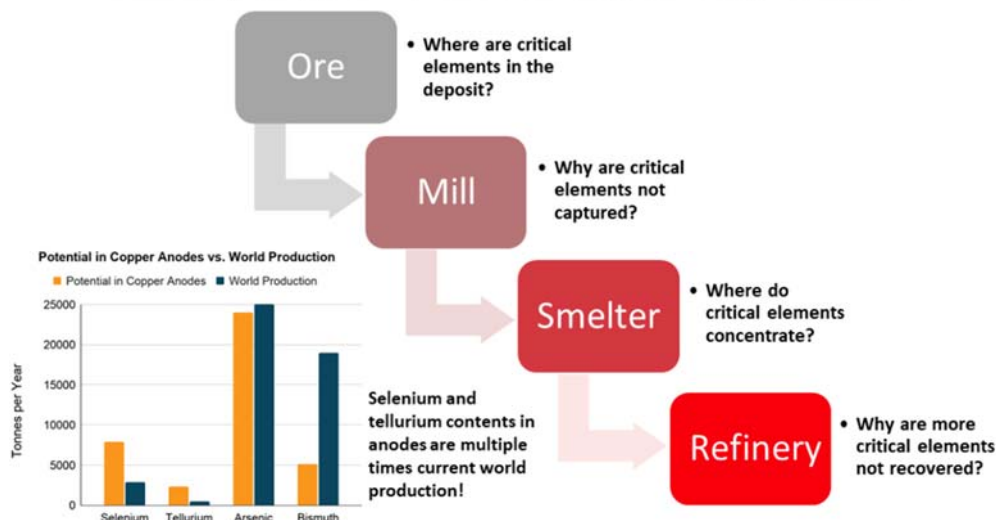
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April 2021

Critical Minerals (..er Penalty Elements) from Mine to Metal in the Copper Supply Chain Zoom Webinar – May 14, 2021 – 1pm Mountain Time

This graphical abstract that describes what the talk will entail.

Primary Copper Pyrometallurgical Supply Chain



Description

In 2018, the United States identified thirty-five critical minerals due to concerns regarding supply risk and their importance to the nation's economy and defense. This presentation will examine the department and production potential of five "critical minerals" (selenium, tellurium, arsenic, antimony and bismuth) in the copper pyrometallurgical supply chain from mine to metal. Potential areas for future investigation and investment will be discussed to increase the recovery of these critical minerals from the existing copper supply chain.

Biography

Michael Moats is a Professor of Metallurgical Engineering at the Missouri University of Science and Technology. He is also the Director of the Thomas J. O'Keefe Institute for the Sustainable Supply of

Strategic Minerals. Prof. Moats is an extractive metallurgist with over 100 publications in the fields of hydro- and electrometallurgy. In 2018, he received the AIME James Douglas Gold Medal “for his knowledge and contributions in the field of electrometallurgy”. Dr. Moats serves as the project leader for AMIRA’s P705D base metal electrowinning project, facilitator for an international consortium of eight copper refineries, and team leader for the surveying of copper electrorefineries for the triennial world Copper meetings.

Registration

Register in advance for this webinar:

https://us02web.zoom.us/webinar/register/WN_44HTiiZRTJOY_dWtNEa-yg

After registering, you will receive a confirmation email containing information about joining the webinar.