

EEGS / AEG 2022 Virtual Symposium

“Life of Mine – Maintaining Sustainability Through Geoscience”

The Role of Geoscience in Mine Site Regulation, Running, Rehabilitation, Re-purposing, Retirement, and Reclamation

November 14-17, 2022

www.minesymposium.org

PDHs Available for all Sessions Attended!

The International Council on Mining and Metals (ICMM), which includes the world's largest mining houses and many leading mining companies as part of its membership, has long recognized that economic growth should never be at the expense of people or the planet. In 2003, ICMM published its 10 Principles for sustainable development for mining to set a standard of ethical performance in line with the UN Sustainable Development Goals. These ICMM mining principles cover all aspects of mining operations throughout the life-of-mine cycle.

In line with these principles, and cognizant of the value of geoscience in helping deliver and meet sustainable mining performance goals, the Environmental and Engineering Geophysical Society and the Association of Environmental & Engineering Geologists, are convening an online virtual platform symposium over 4 half-days on “Life of Mine – Maintaining Sustainability Through Geoscience”. Life of Mine activities cover from mine feasibility planning through to closure with geoscience contributing practical assistance to the life of mine site key activities to sustain the mine and leave an acceptable legacy – the 6Rs: “Regulation, Running, Rehabilitation, Re-purposing, Retirement and Reclamation”. Customized geoscience workflows contribute through implementation of the 4Ms: “Mapping, Monitoring, Modelling and Management”.

The symposium topics plan to cover this broad sweep (6Rs and 4Ms) with presentations on state-of-the-art aspects of principles, methodologies and case histories of the role of geoscience (geology, geophysics, hydrogeology, geotechnical, environmental, geochemistry, soil science etc.) to assist and facilitate mine engineering, environmental, geotechnical, water and soil management and regulatory approaches. The aim is to bring the global mining geoscience community together and to demonstrate the contribution of integrated geoscience to responsible progressive mine operation and monitoring, ore-winning optimization and waste limitation, rehabilitation, re-purposing of historical mines (e.g. re-processing of mine wastes for critical minerals) and closure and reclamation planning and implementation.

CALL FOR ABSTRACTS NOW OPEN (ABSTRACT SUBMISSION CLOSSES SEPTEMBER 26, 2022)

