

MIT ENVIRONMENTAL SOLUTIONS INITIATIVE

# CONFERENCE ON MINING, ENVIRONMENT, AND SOCIETY

SEPTEMBER 7-9, 2022 (VIRTUAL)



The urgent need to reduce carbon emissions to mitigate climate change is leading to a global transition from conventional to renewable sources of energy. This implies a reduction of extraction of coal and oil, but an increase in the mining of metals like lithium, copper, cobalt, and nickel, which also results in social and environmental impacts. This conference will examine the nature of these conflicting challenges and what stakeholders can do to address them.

The event is one of a series led by MIT's Environmental Solutions Initiative to examine the environmental and social considerations of specific industries. MIT's objective in organizing the conference is to convene diverse stakeholders from academia, industry, government, and environmental and community organizations to expand knowledge of key topics and explore opportunities to collaborate for solutions, both during and after the conference.

Registered attendees will receive the contact information of the other attendees, one-on-one networking tools for use during breaks and after the conference itself, and recordings of the sessions.

For more information, please contact:

[esi-mine@mit.edu](mailto:esi-mine@mit.edu)



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## PRELIMINARY AGENDA: 10 AM - 1:30 PM ET (GMT-5)

### Wednesday Sept 7th:

*Keynote:* Governance and economics of the clean energy transition

*Panel 1:* Innovation for a circular mining economy

*Panel 2:* Critical minerals and sustainability

### Thursday Sept 8th:

*Keynote:* Standards and regulations

*Panel 3:* Decarbonization and climate change adaptation

*Panel 4:* The mining footprint: tailings and closure

### Friday Sept 9th:

*Keynote:* Local socio-environmental impacts

*Panel 5:* Artisanal and small-scale mining

*Panel 6:* Water, biodiversity, and land-use change