

The Sustainable Energy Initiative at the Faculty of Environmental and Urban Change Presents:

Eliminating the Need for Mining EV Battery Minerals by 2050: Data-driven Insights on Enabling an Efficient, Responsible EV Battery Supply Chain

Zoom Webinar

Wednesday February 26, 2025 12:30-2PM

The rapid electrification of transportation is an essential component of climate change mitigation strategies. However, the growing fleets of Electric Vehicles will require supplies of specialized materials, particularly for advanced battery manufacturing. Projections of the need for what are termed “critical” minerals in this context suggest large growth in future demand. At the same time, questions are being raised about the environmental, climate, social and cultural impacts of the increased extraction of critical minerals.

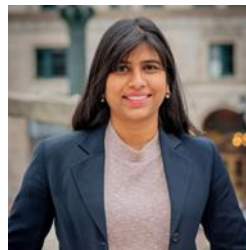
Analyses of future directions in EV battery technologies, and the impact of more circular approaches to battery material supply chains have been limited. New analyses from the Rocky Mountain Institute have examined the potential for significant reductions in the levels and intensity of ‘critical’ mineral extraction needed to support widespread EV adoption, and wider energy systems transitions.

Join us for a discussion with the lead researchers on this ground-breaking work:

Laura LoSciuto, Manager,
Rocky Mountain Institute
Battery Circular Economy Initiative



Sudeshna Mohanty,
Senior Associate,
Rocky Mountain Institute
Battery Circular Economy Initiative



Host: Mark Winfield, Ph.D. Professor, EUC and SEI Co-Chair

All are welcome but please register via this [Link](#)