Committee Statement

We define a critical energy mineral as a naturally occurring and extractable-from-rock commodity that is critical to current and emerging energy technology, and at the same time, limited in supply by current or forecast requirement. The purpose of the Critical Minerals Committee (CMC) is to facilitate the engagement of AAPG members with the current and emerging technologies for exploration, resource modelling, economics and extraction of non-petroleum critical energy minerals. The CMC committee, under direction of the committee chair, is to actively pursue and engage affiliated organisations to AAPG and yet-to-be affiliated organisations and industry participants for the purpose of education, collaboration and technology transfer for the benefit of AAPG members.

From Wilson and Edmondson, 2019: map shows hard rock lithium deposits (red dots), lithium brine deposits (orange dots), countries mining lithium with darker colors indicating higher production, hatching indicating lithium processing, and green dots over battery-producing countries.

Activities

ACE2019: Presentation, Theme 9: Planetary Geology and Energy Frontiers, **Monday, May 20, 10:50, Room 214A**
“Geoscience Perspectives on Technology development in Energy Storage and Implications for Strategic Mineral Exploration” (Edith Newton Wilson and Jesse Edmondson)