

Call for Papers
Critical Materials: Perspectives from the industry, government, and research communities

**Sponsored by the Committee on Science (ComSci)
at the 230th ACS National Meeting
San Francisco, CA
August 16 to 20, 2020**

This symposium will focus on the research and development needs for critical materials as defined by Executive Order 13817 “*A Federal Strategy to Ensure Secure and Reliable Supplies of Critical Minerals*”. There is a clear recognition for collaborations among the chemical research, industrial and governmental communities to address the supply chain of critical materials for economy, environment and national security needs. With the advances in the chemical community, this symposium is intended as a forum for the various communities to come together to share knowledge and strategies and to identify knowledge gaps.



Image credit: <https://netl.doe.gov/>

Presentations including, but not limited to, the following areas are solicited:

1. Understanding of critical materials properties for their sustainable usage in their entire life cycle,
2. New methods for obtaining critical materials (distributions, extraction, processing, and use),
3. Recycling of critical materials,
4. Alternatives to critical materials,
5. Supply chain and economics,
6. Outreach to the public and stakeholders on the issue of critical materials.

Abstracts may be submitted to <http://maps.acs.org> by **April 6, 2020.**

For additional information please contact one of the organizers:

James Kubicki, Ph.D.

Department of Geological Sciences

The University of Texas at El Paso

El Paso, TX 79968

jdkubicki@utep.edu

915-747-6552

Young-Shin Jun, Ph.D.

Department of Energy, Environmental &

Chemical Engineering

Washington University in St. Louis

St. Louis, MO

ysjun@wustl.edu, 314-935-4539