



# DOE Alaska Workshop on Critical Materials

May 9, 2024  
Sheraton Anchorage  
Meeting Room: Howard Rock AB  
Anchorage, AK

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## Thursday, May 9, 2024

- 8:00 am                    **Registration**
- 8:30 am                    **Welcome and Opening Remarks**  
Dr. Erin Whitney, Arctic Energy Office (AE), USDOE
- 8:50 am                    **Overview of DOE FECM Critical Materials Activities**  
Ryan Peay, Office of Fossil Energy & Carbon Management (FECM), USDOE  
David Alleman, FECM, USDOE
- 9:20 am                    **DOE Panel on Critical Materials**  
Dr. Helena Khazdozian, Advance Materials and Manufacturing Technologies Office (AAMTO), USDOE  
Dr. Jeremy Mehta, AAMTO, USDOE  
Corey Carmack, Office of Manufacturing and Energy Supply Chains, USDOE  
Casie Davidson, Pacific Northwest National Laboratory
- 9:55 am                    **Recent Advancements in Critical Materials Recovery at Sandia**  
Dr. Guangping Xu, Sandia National Laboratory
- 10:15 am                   **Break**
- 10:30 am                   **Overview of Alaska’s Critical Minerals and Materials Resources**  
Moderator: Michael Mceleney, AE, USDOE  
Dr. James Jones, Alaska Science Center, USGS  
Dr. Lance Miller, NANA Regional Corporation  
Dr. Sue Karl, USGS  
Dr. LeeAnn Munk, University of Alaska – Anchorage
- 11:00 am                   **Perspectives on Native Alaska Workforce, Economic, Community Engagement, and Societal Considerations and Impacts**  
Moderator: Michael Mceleney, AE, USDOE  
Natenna Dobson, FECM, USDOE  
Caleb Woodall, FECM, USDOE  
Dr. Lance Miller, NANA Regional Corporation

11:30 am	<b>Keynote – Perspectives on Critical Minerals Permitting</b> Patty McGrath, Office of Policy, USEPA
12:00 pm	<b>Lunch</b>
1:00 pm	<b>Lessons Learned</b> Dr. Erin Whitney, Arctic Energy Office, USDOE Ryan Peay, FECM, USDOE Brent Sheets, University of Alaska – Fairbanks Dan Lasco, BOEM Givey Kochanowski, BOEM Kathryn Martin, AHTNA
1:45 pm	<b>Introduction to Graphite</b> Dr. Evan Granite, FECM, USDOE
2:15 pm	<b>Update from Graphite One</b> Kevin Torpy, Graphite One
2:45 pm	<b>Challenges to Critical Minerals Production and Processing in Alaska</b> Prof. Bob Loeffler, University of Alaska – Anchorage Steve Masterman, University of Alaska – Fairbanks
3:15 pm	<b>Break</b>
3:30 pm	<b>Scale-up Plans for Rare Earth Production</b> Dr. Brandon Briggs, University of Alaska – Anchorage Michael A. Martinez, University of Alaska – Anchorage
4:00 pm	<b>Brief Overview of DOE Critical Materials Efforts</b> Dr. Helena Khazdozian, AAMTO, USDOE
4:30 pm	<b>Small Group Discussions with Government Agencies</b>
5:00 pm	<b>Concluding Remarks</b> Dr. Evan Granite, FECM, USDOE