



DOE Alaska Workshop on Critical Materials

May 9, 2024
Sheraton Anchorage
Anchorage, AK

Thursday, May 9, 2024

- 8:00 am **Registration**
- 8:30 am **Welcome and Opening Remarks**
Dr. Erin Whitney, Arctic Energy Office, 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, EERE, USDOE
Dr. Jeremy Mehta, 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, Arctic Energy Office, USDOE
Dr. James Jones, Alaska Science Center, USGS
Dr. Lance Miller, NANA
Dr. Sue Karl, USGS
Dr. LeeAnn Munk, University of Alaska – Anchorage
- 11:00 am **Perspectives on Native Alaska Workforce Development, Community Engagement, and Environmental and Energy Justice**

Natenna Dobson, FECM, USDOE
Caleb Woodall, FECM, USDOE
Dr. Lance Miller, NANA

11:30 am

Keynote – Perspectives on Critical Minerals Permitting

Patty McGrath, Office of Policy, USEPA

12:00 pm

Lunch

1:00 pm

Introduction to Graphite

Dr. Evan Granite, FECM, USDOE

1:30 pm

Update from Graphite One

Kevin Torpy, Graphite One

2:00 pm

Challenges to Critical Minerals Production and Processing in Alaska

Prof. Bob Loeffler, University of Alaska – Anchorage

Steve Masterman, University of Alaska – Fairbanks

2:30 pm

Lesson Learned and Next Steps

Dr. Erin Whitney, Arctic Energy Office, USDOE

Ryan Peay, FECM

Brent Sheets, Petroleum Development Laboratory, University of Alaska – Fairbanks

Dan Lasco, BOEM

Givey Kochanowski (TBC), BOEM

TBD, U.S. Army Corps of Engineers

TBD, USDOD

TBD, USDOJ

TBD, State of Alaska

3:15 pm

Break

3:30 pm

Scale-up Plans for Rare Earth Production

Dr. Brandon Briggs, University of Alaska – Anchorage

Michael A. Martinez, University of Alaska – Anchorage

4:00 pm

Small Group Discussions with Government Agencies

5:00 pm

Concluding Remarks

Dr. Evan Granite, FECM, USDOE