



MINING WORKSHOP



Environmental Characteristics of Important Mineral Deposit Types in the Upper Great Lakes Region

Sponsored by Wisconsin County Code Administrators

October 9, 2018

Barkers Island Inn, 300 Marina Drive, Superior WI

8:30 AM – 5:00 PM

This one-day workshop, presented by USGS Geologists, will focus on the scientific foundations of environmental science that go into mine development. The first half of the course will cover general principles of baseline characterization and environmental risk identification, and an overview of mine development and environmental management. The second half will focus on the environmental characteristics of important mineral deposit types in the Great Lakes region.

Outline:

- General Principles
- Pre-Mining Baseline Characterization
- Mine Waste Characterization
- Mine Development and Environmental Management
- Environmental Characteristics of Mineral Deposits:
 - Iron Formations (e.g., Gogebic Range, WI; Mesabi Range, MN)
 - Magmatic Copper-Nickel-Platinum Group Element Deposits (e.g., Eagle, MI; NorthMet & Maturi, MN)
 - Orogenic Gold Deposits (e.g., Ropes, MI)
 - Sediment-hosted Copper Deposits (e.g., Copperwood & White Pine, MI)
 - Seafloor Massive Sulfide Deposits (e.g., Back Forty, MI; Crandon & Flambeau, WI)

Lunch will be provided. There is a \$25 cost for the workshop. To register, use the WCCA Fall Conference Registration form available on the WCCA website. <https://www.wccadm.com/fall2018>
Register by September 28, 2018.

Contact CeCe Tesky at ctesky@ruskcountywi.us to get the registration form or call 715-532-2156

For more information on the workshop content, contact Bob Seal, USGS, rseal@usgs.gov 703-648-6290