

2017 MMEW Short Course Selection Form

Date:

Name:

School Affiliation:

City:

| | A | B | C | E | TRACK: Interpreting the Environment of the Past <i>Dean Moosavi</i> |
|--------------------------|---|---|--|--|---|
| Session 1 9:00-10:15 | Crystallography <i>Cheryl Sill</i> | Story Maps and Apps-Teacher Resources for MN Geology <i>Jacqueline Hamilton</i> | Geophysics <i>Andrea Reed</i> | Environmental Reclamation <i>Paul Eger</i> | The Sea Floor—Tectonic Structures |
| Session 2 10:30-11:45 | Rock and Mineral ID <i>Andrea Reed</i> | Groundwater Lab using Interdisciplinary Teaching <i>Bruce Olsen</i> | Precambrian Geology of Northern Minnesota <i>Jim Miller</i> | | Marine Sediments—Record of Marine Life and Environment |
| Session 3 1:45-3:00 | Mining 101 <i>Karl Everett</i> | A Recipe for “Asphalt” <i>Christina Morrison</i> | Iron Mining Overview and Curriculum Ideas <i>Marinucci, Doran, Loftquist</i> | | Paleoclimate from Marine Cores |
| Session 4 3:15-4:30 | Mineral Resources: Occurrences & Uses <i>Ken Reid</i> | Construction Aggregates <i>Therault and Welna</i> | Ely’s Golden Roots: Gold in the Archean Vermilion Greenstone Belt <i>Phil Larson</i> | Soudan Mine <i>Scott Alexander</i> | Climate Change & Humans—What Marine Cores Tell Us |

New this year: We added a track option to our short course offerings, see blue column. This track incorporates earth science core curriculum components with a common theme. See course descriptions for more information. You are strongly encouraged to take the entire track, however you may substitute one course outside of the track. Since each course builds on the previous course we can’t allow people to sit in on just one course of the track.

Choose the letter of your first and second short course selection for each session. Or circle them on the schedule, or just email me your choices. Whatever is easier.

First Choice

Second Choice

Session 1:

Session 2:

Session 3:

Session 4:

Email this form to Kevin Hanson (kevin.hanson@state.mn.us)

Write “MMEW Course Selections” in the subject line