

Workshop Schedule | July 15-17, 2019

Day	Time	Topic or Activity	Presenter / Responsible Person
Monday	10:15 - 11:00 a.m.	Registration at Northern Illinois University	Linda Hiltabrand (Retired IDNR-OMM)
Monday	11:00 - 11:45	Presenter Introduction, Grad Credit Workbook, Knowledge Evaluation, and Pick Your Rock Activity	Mike Boyda (Vulcan Materials), Lisa Tranel, PhD. (Illinois State Univ.) & Shawn McKinney (IAAP)
Monday	11:45 - 12:45 p.m.	Lunch & Knowledge Evaluation Review	Mike Boyda & Shawn McKinney (IAAP)
Monday	12:45 - 1:45 p.m.	Overview of Illinois Geology	Don Mikulic, PhD. (Weis Earth Science Museum)
Monday	1:45 - 2:30 p.m.	The Stone Industry of Illinois	Don Mikulic
Monday	2:30 - 2:45 p.m.	Break	
Monday	2:45 - 3:45 p.m.	Bedrock Geology Using Google Earth	Lisa Tranel
Monday	3:45 - 4:30 p.m.	The Importance of Fossils	Don Mikulic
Monday	4:30 - 5:30 p.m.	Using Fossils Activity	Don Mikulic & Dave Sivill (Central Stone)
Monday	5:30 - 6:00 p.m.	Break	
Monday	6:00 - 8:00 p.m.	Dinner and discussions with industry sponsors, presenters and guests	Mike Boyda
Monday	8:00 - 8:30 p.m.	IDNR Rock Box exhibit (specimens of Illinois' mined rocks and minerals)	Vishnu Srinivasaraghavan (IDNR - Office of Mines and Minerals)
Tuesday	7:00 - 8:00 a.m.	Breakfast and discussions with presenters	
Tuesday	8:00 - 8:45 a.m.	Life Cycle of a Mine: Exploration and Operations	Kip Smith (Borrego Solar)
Tuesday	8:45 - 9:30 a.m.	Cake Drilling Activity	Dan Larson & Becky Kazmierski (LafargeHolcim)
Tuesday	9:30 - 9:50 a.m.	Life Cycle of a Mine: Reclamation	Linda Hiltabrand
Tuesday	9:55 - 10:15 a.m.	Life Cycle of a Mine: Sustainability	Becky Andrews (Covia)
Tuesday	10:15 - 10:30 a.m.	Break	
Tuesday	10:30 - 11:15 a.m.	Birdseed Mining Activity	Kip Smith
Tuesday	11:15 - Noon	Having a Blast Every Day	Keith Henderson (Buckley Powder)
Tuesday	Noon - 12:45 p.m.	Lunch and discussions with presenters	Mike Boyda
Tuesday	12:45 - 1:00 p.m.	Metamorphic Sandwich	Dave Sivill
Tuesday	1:00 - 1:45 p.m.	Good Stone - Bad Stone	Skip Nelson, PhD. (Illinois State Univ.), Dave Sivill & Becky Kazmierski
Tuesday	1:45 - 2:15 p.m.	How much aggregate, asphalt, or concrete do I need and what will it cost?	Scott Letzter (LafargeHolcim) & Mike Boyda
Tuesday	2:15 - 3:00 p.m.	Toothpaste Making Activity	Linda Hiltabrand & Bill Pearce
Tuesday	3:00 - 3:30 p.m.	Break	
Tuesday	3:30 - 4:15 p.m.	Rocks & Minerals of Your School Day	Vishnu Srinivasaraghavan
Tuesday	4:15 - 5:00 p.m.	Cookie Mining Activity	Linda Hiltabrand & Bill Pearce
Tuesday	5:00 - 5:45 p.m.	Teaching Rocks, Minerals & Mining in the Classroom	Matthew Hagaman (Peoria Academy of Science Geology Section)
Tuesday	5:45 - 7:00 p.m.	Dinner and discussions with industry sponsors, presenters and guests	Mike Boyda
Tuesday	7:00 - 8:00 p.m.	Collaboration with participants (educational materials) & mine hazard awareness	All presenters
Wednesday	7:00 - 8:00 a.m.	Breakfast and room check out (board bus at 8:15)	Northern Illinois University - Stevenson Towers
Wednesday	8:15 a.m.	Travel, Knowledge Evaluation	Shawn McKinney
Wednesday		Lafarge Conco Quarry - underground mining	
Wednesday		Lafarge Elburn Sand & Gravel - surface mining	
Wednesday		Kane County Forest Preserve and Vulcan Kaneville Sand & Gravel - mine reclamation, concrete and asphalt plants, Quikrete	
Wednesday		Vulcan Dekalb Quarry - fossil hunting	
Wednesday	4:00 p.m.	Return to NIU and wrap-up	Shawn McKinney & Lisa Tranel