

Invitation to the 2023 American Institute of Professional Geologists (AIPG) Conference Field Trips

The American Institute of Professional Geologists (AIPG) will be hosting its 60th Annual Conference in the Greater Cincinnati Area (specifically Covington, KY) with activities **from September 15 through 19, 2023**. We invite you to participate in any part of the conference that seems helpful and interesting to you.

<https://aipg.org/page/202360thAnniversaryConference>

This conference will be celebrating 60 years (Our Diamond Anniversary) of professional geoscientists exchanging information and technology on the *many facets* of geoscience and AIPG will be showcasing how geoscience professionals (like YOU!) are helping to solve environmental and economic challenges all over our country and world.

Our Annual Conference Field trips get you safely “up close and personal” to all the local geoscience features of the conference area: Indiana, Ohio, and Kentucky. The field trips are led by professional geologists to give you the knowledge you need for your profession, but they are also family and guest friendly. Everyone is welcome on our field trips.

Guests of full registrants who want to only attend field trips do not have to pay daily registration fees. In addition, there is special pricing for children 4-12 year of \$50 or a free ticket for an infant 0-3 years. Contact the AIPG HQ office to add field trips for guests or children.

All field trips will depart and return to the Radisson Hotel Cincinnati Riverfront, 668 West 5th Street, Covington, KY 41011, (859) 777-0008.

If you are unable to travel, we are offering registration on a *virtual field trip* that takes you through your computer to many of the areas we will be visiting in person!

Check out our guidebooks!

In addition, the professional printed guidebooks for many of the field trips are available for purchase for use during the field trip or if you can't attend the field trip you can purchase the guidebook and enjoy reading all about the areas explored during the field trip on your own. Purchase as many as you need. Costs range from \$21 – \$30.

A short summary of the field trips being offered during the conference are listed below. Please visit our registration webpage for more details.

FRIDAY, SEPTEMBER 15, 2023

Exploring Ancient Worlds at the Cincinnati Museum of Natural History and Science

1:00 pm - 6:00 pm

Cost: \$70

The Museum of Natural History and Science at Cincinnati Museum Center offers a world of science, history and nature through interactive exhibits and amazing artifacts. The tour will be led by the Museum Paleontologist and includes an OMNIMAX Theater Future Feature.

SUNDAY, SEPTEMBER 17, 2023

Karst Geology of the Mitchell Plateau, South-Central Indiana

7:30 am - 5:00 pm

Cost: \$170

Field trip stops will include various karst topographic features developed on prime farmland, a road cut of the typical strata, and a guided tour of Marengo Cave, a U.S. National Landmark.



Crystal Cave, photo courtesy of Marengo Caverns.



Photo courtesy of William Andrews.

Significance of Pleistocene Fluvial Systems and Glaciations on the Landscape Evolution of Northern Kentucky

8:00 am - 5:00 pm

Cost: \$150

Attendees will visit various excellent and significant examples of Pleistocene fluvial features and deposits in Boone County, Kentucky. Anticipated stops include Boone Cliffs State Nature Preserve, Split Rock Conservation Park, and Big Bone Lick State Park.

Upper Ordovician and Lower Silurian Facies, Cycles, and Sequences in Southern Ohio: A Field Guide and Core Workshop

8:00 am - 5:00 pm

Cost: \$150

This will be a single-day field and subsurface study of new reinterpreted Ordovician and Silurian successions. Facies include gray and red shales, fossiliferous limestones and dolostones, patch reefs, and minor ironstones.

Boat Trip: Dixieland Jazz Brunch Cruise

11:00 am - 2:00 pm) boarding starts at 11:00 am

Cost: \$100 adults, \$50 4-12 yrs, Free 0-3 yrs

MONDAY, SEPTEMBER 18, 2023

Industrial Mineral Production and Quarry Operations in Northern Kentucky

8:00 am - 4:30 pm

Costs: \$160

Participants on this field trip will visit an active sand and gravel quarry, a limestone quarry and several roadcut(s) of bedrock exposed in the region. Stockpile sample collecting!

Exploring the Type Cincinnati Series (Upper Ordovician) and its World-Famous Fossils at Huston Woods State Park

8:00 am - 5:00 pm

Cost: \$150

In the morning, participants will visit to the Karl E. Limper Geology Center and view rare and exceptionally well-preserved fossils. After lunch, participants will be introduced to local geology and paleontology and then collect marine fossils at Huston Woods State Park.



Photo Courtesy of Mark E. Peter, ODNR Division of Geological Survey.

TUESDAY, SEPTEMBER 19, 2023

Revisiting the Wisconsin Depositional History of the Southernmost Extent of the Scioto Sublobe

8:00 am - 5:00 pm

Cost: \$150

Field trip participants will view stratigraphic evidence for glacial processes at natural and man-made outcrops. Analytical results from recent mapping projects will be discussed at field trip stops to provide further context to the interpreted glacial history.

Organic-Rich Gas Shales and Related Rocks Near the Devonian-Mississippian Boundary

8:00 am - 5:00 pm

Cost: \$150

This trip will examine classic exposures of Devonian/Mississippian, organic-rich, gas shales in northeastern Kentucky, including the Ohio and Sunbury shales, and associated deltaic sediments from the Bedford Shale and Borden Formation. Important stratigraphic intervals will be examined.