



**International Geoscience Programme
Project 653 — Annual Meeting 2018**



**Trekking Across the GOBE:
From the Cambrian through to the Katian**

June 3-7, 2018

Athens, Ohio



Part of the Maysville, Kentucky roadcut: location for the mid-conference field trip

Second Circular

Conference website: <https://igcp653athens2018.wordpress.com>

Sponsors

Ohio University Department of Geological Sciences

Ohio University Research Office



Ohio University, Athens, Ohio, USA

The annual meeting of the IGCP 653, entitled “**Trekking Across the GOBE: From the Cambrian through to the Katian**” will bring together international experts on all aspects of the late Cambrian through Late Ordovician earth system. The meeting in Athens will include three days of scientific sessions and a full day mid-conference field trip to explore the stratigraphy and paleontology of spectacular Ordovician outcrops.

We look forward to welcoming you to Athens!



Schedule and Deadlines

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|---------------------|--|
| March 15, 2018 | Deadline for registration, abstracts, and payments |
| April 2018 | Distribution of third circular |
| May 30-June 2, 2018 | Pre-conference excursion |
| June 3, 2018 | Arrival, registration, and opening reception in Athens |
| June 4, 5, 7, 2018 | Technical sessions |
| June 6, 2018 | Mid-conference excursion (included in registration) |
| June 7, 2018 | Conference dinner (included in registration) |
| June 8-9, 2018 | Post-conference excursion |
| September 1, 2018 | Deadline submissions to Paleo3 special issue |

*Part of Thursday, June 7th will include a special session on Cincinnati stratigraphy and paleontology to connect the mid-conference and post-conference field trips.

Location

The meeting will be held on the campus of Ohio University. Established in 1804, OHIO is the oldest university within the Northwest Territories of colonial America (<https://www.ohio.edu>). Located in Athens, a quintessential college town of approximately 30,000 people in the scenic rolling hills of southeastern Ohio, Ohio University offers high-quality undergraduate and graduate education on one of the nation's most picturesque campuses. Geology courses have been offered here since 1826, and today the Department of Geological Sciences (<https://www.ohio.edu/cas/geology/>) continues a strong tradition in training the next generation of geoscientists. Ohio University is located at the edge of the Appalachian plateau and is surrounded by Pennsylvanian outcrops. However, spectacular outcrops of the Cincinnati (Katian) strata are less than two hours away. The universities within the state of Ohio have historically strong research foci in Paleozoic paleontology and sedimentary geology, often with a particular emphasis on the Ordovician.

Athens is known for its collegiate, environmentally friendly, and craft brew-loving culture (<http://athensohio.com>). Residents value diversity, inclusion, and progressive ideals. Weather in June is typically moderate. Average monthly temperatures range from low of about 13° C (56° F) at night to highs near 28° C (82° F) during the day.

Reaching Athens

Athens is located 120 kilometers (75 miles) southeast of the John Glen Columbus International Airport (CMH) (<http://flycolumbus.com>). Columbus receives flights from all major US gateway airports and airlines daily. GoBus, a regional bus service (<http://ridegobus.com>), also connects CMH and Athens.

Shuttles will be arranged to transport delegates from Columbus to Athens on June 3rd. Pickup from Cincinnati-Northern Kentucky Airport (CVG) may also be possible pending final field trip arrangements. **Please indicate on the registration form if you plan to use the shuttle service.**

Conference Venue

Technical sessions will be held at Grover Center on Ohio University's campus. This venue includes an atrium that can accommodate group gatherings of all sizes. The Department of Geological Sciences is a four-minute walk away, and requests for access to microscopes or other equipment can be accommodated. If there is a specific type of space that your research group needs for a meeting, please let us know and we can arrange it for you. Complementary Wi-fi access is available throughout Ohio University's campus.

The ice-breaker reception will be held at Jackie O's Brewpub (<http://jackieos.com>), an award winning local craft brewery only a few minutes walk from campus. The conference dinner will be held at the Dairy Barn Arts Center (<http://dairybarn.org>), a historic structure, which is now a

regional arts venue. Shuttles will be provided for the dinner.

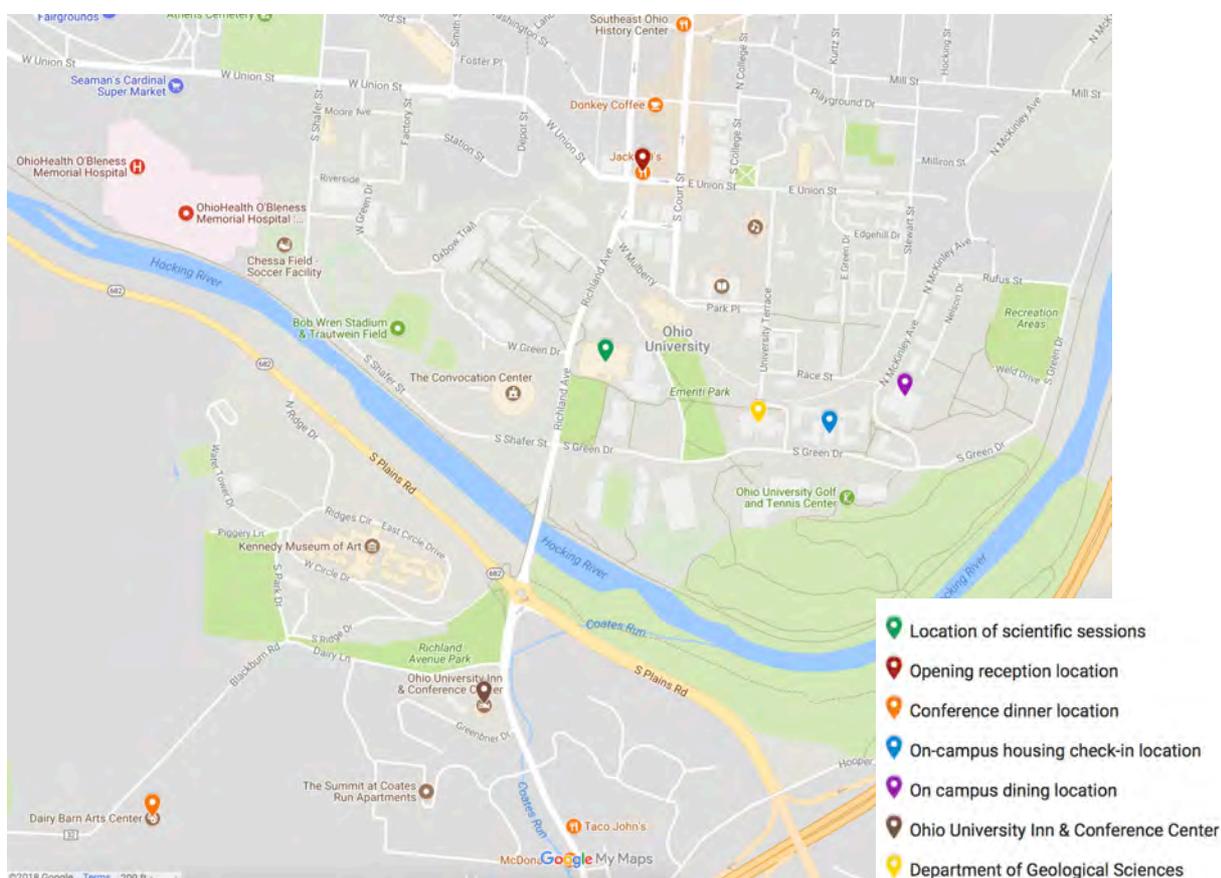
Meals and Accommodations

Lodging is available in university dormitories at a rate of \$27 per night for double occupancy. A university meal plan is available at a rate of \$9.00 breakfast and \$11.00 lunch per day. There is an additional charge of \$17 for linen service per person.

The Ohio University Inn (<http://www.ouinn.com>) is a full service hotel within easy walking distance of the conference venue. Athens is home to a number of other hotels located further from campus, a list is available here: <http://athensohio.com/category/where-to-stay/hotels/>. There are many restaurants within walking distance of campus.

If you plan to bring a vehicle and park on campus, contact Alycia Stigall (stigall@ohio.edu) in advance of the meeting to arrange a parking pass.

For participants with children, Ohio University hosts an excellent summer camp for children ages 6 through 12 from 8:30 am to 5:30 pm during the conference week (<https://www.ohio.edu/recreation/about/camp.cfm>). A list of early education majors with approved background checks that babysit can also be made available on request.



https://drive.google.com/open?id=1bh6eytr-vNLI8uJC-VuyIKH-XQEhL_cv&usp=sharing

Registration Fees

Conference Fee

The registration fee for the scientific sessions including opening reception, conference dinner, mid-conference field trip, coffee breaks, program and abstract volume, etc.

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| Professional participant (by March 15 th) | \$250 |
| Student participant (by March 15 th) | \$125 |
| Late registration (professional/student) | \$300/150 |

Accompanying Person Fee

\$100

Includes opening reception, conference dinner, and mid-conference field trip

Meal tickets - Optional (June 4, 5, 7), breakfast and lunch **\$20/day**

Meal Tickets - Optional (June 6, 8), breakfast only **\$ 9/day**

Lunch is included on the conference field trip

University housing, double occupancy – Optional **\$27/day**

Linen packet **\$17**

Pre-conference excursion: Great Basin (May 30-June 2) **\$675**

Includes transportation in the Great Basin (*participants responsible for their own transportation to/from Salt Lake City, Utah (SLC)*), guidebook, meals, and double occupancy lodging.

Post-conference Excursion: Cincinnati Arch (June 8-9) **\$225**

Includes transportation, guidebook, meals and double occupancy lodging for the night of June 8. Excursion begins in Athens and ends in Cincinnati, Ohio.

Payment: The online registration system can be accessed via the conference website: <https://commerce.cashnet.com/ohioemkt7>. The system accepts all major credit cards. If an alternate arrangement is necessary, contact Alycia Stigall (stigall@ohio.edu)

Cancellation

Refunds of 50% of the conference and excursion fees will be paid if the cancellation is received before May 1st, 2018. No refunds are possible after this date.

Support

IGCP 653 has limited funds available to support students, early career researchers, and participants from developing countries who are presenting research at the conference. Please send a free form application alongside the abstract submission. Note that only participants with presentations will be considered for support.

Abstracts

Abstracts should be submitted igcp653@gmail.com ("Abstract submission" in the heading of the e-mail), along with the receipt of the payment of the registration fee. The deadline for abstract submission is March 15th 2018. Detailed instructions and a template for abstracts are available on the conference website.

Presentations

Oral Presentations are limited to 15 minutes. Slides must be prepared in MS PowerPoint (.ppt, .ppx) or Portable Document Format (.pdf). The preferred aspect ratio for PowerPoint slides is 16:9.

Poster Presentations should be prepared in A0 format, preferably in portrait orientation.

Conference Publications

A program and abstracts volume will be available at the meeting and on the meeting website with free access. A thematic issue in "*Palaeogeography, Palaeoclimatology, Palaeoecology*" will be arranged to publish papers presented at the conference. Invitation for papers/call for papers for the special issue of *Palaeo3* is forthcoming.

International participants

Be aware of visa requirements for travel from your home country to the United States and plan ample time for processing of passports. Letters of invitation can be requested from the organizers when necessary. If you are an international student and have any questions regarding your visa status, please consult the office in charge of international students at your university.



The contact between the Maysvillian and Richmondian regional stages, Flemingsburg, KY

Mid-conference Field Trip

A one-day mid-conference field trip will be organized to visit the famous Maysville, Kentucky locality. This roadcut is both vertically and laterally extensive and allows inspection of the Edenian through Richmondian Regional Stages (lower Katian). The units are extensively fossiliferous and range from offshore to nearshore environments.



This excursion is included in attendees' and accompanying person registration fees.

Pre-conference Field Excursion

A five-day pre-conference field trip will be organized to visit classic Cambro-Ordovician sections in the Ibex and House Range areas of Utah. This field trip will provide an overview of Upper Cambrian (pre-GOBE) strata including biotic events and long-term ecological trends through the Lower and Middle Ordovician strata that encompass the primary diversity changes associated with the GOBE. The field trip will start and end at the Salt Lake City airport (SLC). Registration fee is \$675 and includes all transportation, meals (except dinners), and lodging for four nights. *Flights to SLC and from SLC to CMH are not included in the registration fee. Flights that depart in the early morning and arrive in CMH by 4:00 pm are encouraged. Vans will be available to transport attendees from CMH to Athens departing at 4:30 pm.*

May 30: Arrive in Salt Lake City and drive ~4 hours to Delta, Utah, stopping at several points along the way to discuss the geological setting and history of the eastern Basin and Range Province.

May 31: We will examine exposures in the spectacular cliffs of the northern House Range. We will focus on Middle and Late Cambrian shallow-water carbonates of the Great American Carbonate Bank and Lagerstätte preserved in mudstones of the House Embayment (Wheeler, Marjum and Weeks Formations). We will return to Delta in the evening.

June 1: We will focus on classic Lower and Middle Ordovician sections in the Ibex area (southern House Range and Confusion range). We will discuss the onset of the GOBE and its relationship to biomere-like extinction events in the Early Ordovician, and examine ecological changes during the late Floian-Dapingian. We will then drive west to Ely, Nevada, crossing several ranges and Basin and Range National Park.

June 2: We will drive south to Upper Cambrian and Ordovician exposures in the southern Egan Range (Sawmill Canyon and Shingle Pass), and discuss the regional pattern of environmental and

ecological changes during the GOBE. We will return to Salt Lake City in the evening.

June 3: Fly to Ohio. *Flights to SLC and from SLC to CMH are not included in the registration fee. Flights that depart in the early morning and arrive in CMH by 4:00 pm are encouraged. Vans will be available to transport attendees from CMH to Athens departing at 4:30 pm.*

Post-conference Field Excursion

This two-day trip will provide an overview of classic, highly fossiliferous Katian age (~453 to 444 MA, Mohawkian-Cincinnatian) strata along the eastern and southwestern parts of the Cincinnati Arch. Trip will be divided into two broad themes corresponding to the Cincinnati and Mohawkian parts of the succession.

June 8: A distal to proximal (N-S) facies transect of Cincinnati sequences. Starting at Athens, Ohio, this trip will proceed southward through rural scenery of Maysville, Flemingsburg, Owingsville, and Winchester, Kentucky, along the east side of the Arch covering an offshore to peritidal facies transect; overnight in Winchester, Kentucky.

June 9: A survey of Sandbian-lower Katian facies, sequence stratigraphy and paleontology/paleoecology. Trip will commence with spectacular new cuts near Winchester and proceed northwest through the beautiful Bluegrass Region of Lexington and Frankfort ending in Owenton. In a series of stops the full exposed succession from Sandbian age peritidal facies through the entire lower Katian Lexington Formation and lower part of the Edenian Kope Formation.

Trip will conclude at the Cincinnati-Northern Kentucky airport (CVG). One vehicle will return to Athens. Participants who fly in are encouraged to arrange flight departures from CVG and to book a room for the night of Saturday June 9th near the airport. Registration fee is \$225 and includes guidebook, transportation, meals, and one night's hotel.

Organizing Committee

Alycia Stigall (Chair), Ohio University, USA
Carlton Brett (Field Trip Co-Chair), University of Cincinnati, USA
Seth Finnegan (Field Trip Co-Chair), University of California, Berkeley, USA
Chris Aucoin, University of Cincinnati, USA
Rebecca Freeman, University of Kentucky, USA
Robert Gaines, Pomona College, USA
Kyle Hartshorn, Dry Dredgers, USA
Daniel Hembree, Ohio University, USA
Sara Pruss, Smith College, USA
Matthew Saltzman, Ohio State University, USA
Allison Young, University of Cincinnati, USA



IGCP 653 Co-leaders

Thomas SERVAIS (Chair, Lille, France)
David A.T. HARPER (Durham, UK)
Olga T. OBUT (Novosibirsk, Russia)
Christian M.Ø. RASMUSSEN (Copenhagen, Denmark)
Alycia L. STIGALL (Athens, Ohio, USA)
ZHANG Yuandong (Nanjing, China)

Contact

Please direct questions to Dr. Alycia Stigall (stigall@ohio.edu)

