

Session	Date	Time/Booth	Convention Center	Presentation	Link to Abstract
Field Trip 1	Saturday, April 16 & Sunday, April 17	7 a.m.–4 p.m.		Curry, B. Brandon, and Caron, Olivier J., 2016, The Quaternary geology of the Chicago metropolitan area—the Chicago Outlet, Valparaiso Moraine, Lake Michigan Lobe chronology revisited, and Kankakee Torrent story: Geological Society of America Abstracts Field Trip Guidebook. CANCELLED	
Field Trip 3	Sunday, April 17	8 a.m.–5 p.m.		Grimley, David A., Anders, Alison, and Stumpf, Andrew J., 2016, Quaternary geology of the Upper Sangamon River Basin— glacial, post-glacial, and post-settlement history: Geological Society of America Abstracts Field Trip Guidebook.	
3-2	Monday, April 18	8:20	Chancellor Ballroom	Wang, Hong, 2016, Intra Dansgaard–Oeschger cycles in ice margin, loess, dune, and lacustrine deposits in the central USA and their forcing mechanism: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275473.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275473.html
3-5	Monday, April 18	9:20	Chancellor Ballroom	Dziedan, Mitchell R., Fisher, Timothy G., Horton, Jennifer, and Loope, Henry M., 2016, Melt-out time lag, and its impact on assessing ages of Quaternary events: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275530.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275530.html
3-6	Monday, April 18	9:40	Chancellor Ballroom	Kozlowski, Andrew, Mahan, Shannon A., Bird, Brian, and Feranec, Robert S., 2016, A proposed time-stratigraphic paradigm for late Quaternary events in the central Finger Lakes of New York State: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275515.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275515.html
3-7	Monday, April 18	10:00	Chancellor Ballroom	Wang, Hong, Curry, Brandon, McKay III, E. Donald, Berg, Richard C., Stumpf, Andrew J., Huot, Sebastien, and Keen-Zebert, Amanda, 2016, Evidence of meltwater megafloods near the southernmost ice margins of the Laurentide Ice Sheet between 20.5 and 18.5 ka: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275360.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275360.html
3-8	Monday, April 18	10:20	Chancellor Ballroom	Monaghan, G. William, Loope, Henry M., Huot, Sebastien, and Karaffa, Marni D., 2016, Luminescence ages (OSL) of morphosequence and interlobate ice margins in northwestern Indiana and southwestern Michigan—what do they tell us about the sources and timing of the Kankakee Torrent and the Erie Interstade?: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275323.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275323.html

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3-9	Monday, April 18	10:40	Chancellor Ballroom	Loope, Henry M., Curry, Brandon, Lowell, Thomas V., Monaghan, G. William, Karaffa, Marni D., Huot, Sebastien, Grimley, David A., and Nash Jr., T. Andrew, 2016, Chronology of Late Wisconsinan Laurentide Ice Sheet advance and retreat near its maximum limit, south-central Indiana: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-274951.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper274951.html
3-10	Monday, April 18	11:00	Chancellor Ballroom	Grimley, David A., Labotka, Dana, Huot, Sebastien, Wang, Jia J., Stumpf, Andrew J., Miao, Xiaodong, Caron, Olivier, and Wang, Hong, 2016, Deciphering the last glacial chronology, Upper Sangamon River Basin, Illinois: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275368.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275368.html
3-11	Monday, April 18	11:20	Chancellor Ballroom	Curry, Brandon, Loope, Henry M., Lowell, Thomas V., Wang, Hong, Thomason, Jason, and Caron, Olivier J., 2016, Recent changes to the time-distance diagram of the Lake Michigan Lobe (Michigan Subepisode, Wisconsin Episode): Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275575.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275575.html
3-12	Monday, April 18	11:40	Chancellor Ballroom	Blackwell, Bonnie A. B., Kim, Danny M. K., Curry, Brandon, Grimley, Dave A., Blickstein, Joel I. B., and Skinner, Anne R., 2016, Is it a date? The Sangamonian Interglacial deposits at Hopwood Farm, IL: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275223.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275223.html
4-4	Monday, April 18	9:05	Technology Room	Aden, Douglas J., 2016, An improved DEM processing model to more accurately locate sinkholes in southwestern Ohio: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275118.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275118.html
5-2	Monday, April 18	10:50	Lincoln Room	Thomason, Jason F., Larson, Timothy, Ismail, Ahmed, and Sargent, Steve, 2016, Coupled 2-D geophysics to better characterize shallow sand and gravel aquifers: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275594.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275594.html
5-3	Monday, April 18	11:05	Lincoln Room	Esch, John M., 2016, Determining bedrock depths using the horizontal-to-vertical spectral ratio (HVSR) passive seismic method—examples from Michigan: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275649.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275649.html

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5-4	Monday, April 18	11:20	Lincoln Room	Chandler, Val W., and Lively, Richard S., 2016, Horizontal-to-vertical spectral ratio (HVSr) passive seismic methods for determining Quaternary sediment thickness and bedrock elevation in Minnesota—an update: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275222.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275222.html
10-1	Monday, April 18	28	Illinois Ballroom AB	Attig, John W., Rawling III, J. Elmo, Carson, Eric C., and Mauel, Stephen W., 2016, Integrating newly available LiDAR-derived imagery during completion of a geological mapping project, Oneida County, Wisconsin: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275129.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275129.html
10-2	Monday, April 18	29	Illinois Ballroom AB	Mode, William N., and Hooyer, Thomas S., 2016, Quaternary geologic map of Waupaca County, Wisconsin: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275158.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275158.html
10-3	Monday, April 18	30	Illinois Ballroom AB	Bates, Benjamin, Carson, Eric C., Rawling III, J. Elmo, Stanley, Valerie L., and Attig, John W., 2016, Quaternary geologic mapping in the St. Croix Scenic Riverway—a fresh look at glacial lakes Lind and Grantsburg: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275141.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275141.html
10-4	Monday, April 18	31	Illinois Ballroom AB	Burt, Abigail, Rainsford, Desmond R. B., Pugin, André, Dietiker, Barbara, Crow, Heather, and Campbell, Jayme, 2016, The Niagara Peninsula project: an integrated approach to 3-D mapping for groundwater characterization: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275152E1E14.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275152.html
10-5	Monday, April 18	32	Illinois Ballroom AB	Horton, Jennifer, and Marshall, Katherine J., 2016, Distinguishing pre-Wisconsinan tills in southeastern Minnesota: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275215.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275215.html
10-6	Monday, April 18	33	Illinois Ballroom AB	Anderson, Richard C., and Miao, Xiaodong, 2016, Surficial geology of Rock Island County, Illinois: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275376.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275376.html
10-7	Monday, April 18	34	Illinois Ballroom AB	Phillips, Andrew C., 2016, Geomorphic map of the lower Wabash Valley, IL-IN-KY: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275448+E44.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275448.html

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10-8	Monday, April 18	35	Illinois Ballroom AB	Mulligan, Riley P. M., Bajc, Andy F., and Eyles, Carolyn H., 2016, One piece of the puzzle—uncovering the genesis of large valleys cut into Quaternary sediment and Paleozoic bedrock in south-central Ontario, Canada: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275527.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275527.html
10-9	Monday, April 18	36	Illinois Ballroom AB	Mulligan, Riley P. M., Bajc, Andy F., Eyles, Carolyn H., Burt, Abigail K., Maclachlan, John C., Marich, A. S., Kellner, Paige, and Yeung, Kei H., 2016, Piecing it together—regional correlations of ice margins and glacial-proglacial landforms in southern Ontario: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275528.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275528.html
10-10	Monday, April 18	37	Illinois Ballroom AB	Lusardi, Barbara A., Gowan, Angela S., Meyer, Gary N., and Thorleifson, L. Harvey, 2016, Quaternary stratigraphy of Minnesota—statewide cross sections: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-271381.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper271381.html
11-4	Monday, April 18	41	Illinois Ballroom AB	Luo, Yaqi, Lin, Yu-Feng Forrest, Kumar, Praveen, and Stumpf, Andrew J., 2016, Subsurface heat transport simulation with periodic surface temperature signals and groundwater flow: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275481.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275481.html
11-9	Monday, April 18	46	Illinois Ballroom AB	Bettis III, E. Arthur, Parsons, Kelli, Wilson, Christopher, Papanicolaou, Thanos, and Grimley, David, 2016, Rate, magnitude and impact of legacy sediment accumulation on a headwaters watershed in eastern Iowa: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275357.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275357.html
13-1	Monday, April 18	1:30	Chancellor Ballroom	Burt, Abigail, 2016, The Orangeville Moraine Project: from a southwestern Ontario Quaternary stratigraphic framework to a 3-D model and beyond: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275143.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275143.html
13-2	Monday, April 18	1:50	Chancellor Ballroom	Kehew, Alan E., Esch, John M., and Karki, Sita, 2016, Post LGM dynamics and basal drainage regime of the Saginaw Lobe, south-central Michigan: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275487.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275487.html

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13-3	Monday, April 18	2:10	Chancellor Ballroom	Desrochers, Claude, Caron, Olivier, and Daigneault, Robert-André, 2016, Identification and measurement of glacial lake terraces using airborne LiDAR-derived DTM in Will and Grundy Counties, Illinois, United-States: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275501.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275501.html
13-4	Monday, April 18	2:30	Chancellor Ballroom	Caron, Olivier J., 2016, New insights in the 3D mapping of the Lemont Formation in Will and Cook Counties, Illinois: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275540.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275540.html
18-11	Monday, April 18	22	Illinois Ballroom AB	Nash Jr., T. Andrew, Higley, Melinda C., Martin, Nicholas, Keller, Kiel, Lawrence, Ashley Kay, and Curry, Brandon, 2016, Changes in late Holocene sedimentation in Prairie Lake, Dupo, Illinois: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275412.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275412.html
20-20	Monday, April 18	46	Illinois Ballroom AB	Sodeman, Alexander D., and Monaghan, G. William, 2016, Heavy mineral analysis of glacial till in northern and south-central Indiana to reconstruct path of Laurentide Ice Sheet: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275075.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275075.html
21-4	Tuesday, April 19	9:05	Alma Mater Room	Johnston, John W., Lepper, Kenneth, Argyilan, Erin P., Loope, Henry M., and Thompson, Todd A., 2016, What is the rate of glacial isostatic adjustment between basins of the Upper Great Lakes (Superior, Michigan, Huron)?: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275655.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275655.html
21-5	Tuesday, April 19	9:40	Alma Mater Room	Loope, Walter L., Loope, Henry M., Jol, Harry M., Fisher, Timothy G., and Goble, Ronald J., 2016, Early to mid-Holocene shoreline behavior associated with the Nipissing Phase, southeastern Lake Superior: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275619.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275619.html
21-6	Tuesday, April 19	10:00	Alma Mater Room	Thompson, Todd A., Monaghan, G. William, and Argyilan, Erin P., 2016, Internal architecture of the Mt. Baldy Dune at the Indiana Dunes National Lakeshore: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275470.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275470.html

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21-7	Tuesday, April 19	10:20	Alma Mater Room	Argyilan, Erin P., Krekeler, Mark P. S., Avis, Peter G., Thompson, Todd A., Monaghan, G. William, and Morris, Charles C., 2016, The formation of dune decomposition chimneys in a migrating coastal dune, Indiana Dunes National Lakeshore: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275637.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275637.html
24-7	Tuesday, April 19	10:15	Illinois Ballroom C	Stohr, Christopher, Stumpf, Andrew J., Barrett, Melony, Filippini, Heather, and Luman, Donald E., 2016, Identification of defects in earthen-covered landfills by remote sensing: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275140.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275140.html
24-8	Tuesday, April 19	10:35	Illinois Ballroom C	Stohr, Christopher, Cartwright, Keros, Berg, Richard, and Stumpf, Andrew, 2016, Origins, influences and contributions of Illinois State Geological Survey to landfill studies and groundwater protection: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275131.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275131.html
27-3	Tuesday, April 19	3	Illinois Ballroom AB	Erber, Nathan R., Kehew, Alan E., and Gillespie, Robb, 2016, Differentiating Saginaw from Huron-Erie ice lobe meltwater deposits in south central Michigan using longitudinal profiles, grain size analysis, and lithology: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275179.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275179.html
27-10	Tuesday, April 19	10	Illinois Ballroom AB	Dziekian, Mitchell R., Fisher, Timothy G., Krantz, David E., and Stierman, Donald J., 2016, Stratigraphy of a rimmed ridge plateau, Sturgis Moraine, northeastern Indiana: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275545.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275545.html
27-11	Tuesday, April 19	11	Illinois Ballroom AB	Huot, Sebastien, and Loope, Henry M., 2016, Optically Stimulated Luminescence dating (OSL) in awkward places—a story of the last Laurentide Ice Sheet advance in south-central Indiana: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275641.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275641.html
27-12	Tuesday, April 19	12	Illinois Ballroom AB	Bruegger, Alison, and Curry, Brandon, 2016, Refining the span and rates of deposition of the Glenwood Phase of Glacial Lake Chicago: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275680.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275680.html
33-1	Tuesday, April 19	1:30	Technology Room	Nash Jr., T. Andrew, Conroy, J. L., and Grimley, Dave A., 2016, The formation of the Jules Soil and its implications for the Last Glacial Maximum climate of west-central Illinois: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275332.	https://gsa.confex.com/gsa/2016NC/webprogram/Paper275332.html

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37-2 Tuesday, April 19 19 Illinois Ballroom AB Zhong, Shuheng, Stumpf, Andrew J., and Lin, Yu-Feng Forrest, 2016, From 3-D hydrostratigraphic model to 3-D printed aquifer model: Geological Society of America Abstracts with Programs, v. 48, no. 5, p. , doi: 10.1130/abs/2016NC-275384. <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275384.html>

Field Trip 5 Wednesday, April 20 7:30 a.m.–5:30 p.m. Wang, Hong, Stumpf, Andrew J., Curry, B. Brandon, and Fisher, Timothy G., 2016, 19 ka–13 ka glacial meltwater discharge archives in the Middle Illinois River Valley—climate and timing implications: Geological Society of America Field Trip Guidebook.