

[Link to IGWS Bookstore](#)

Indiana Geological & Water Survey
Great Lakes Geologic Mapping Coalition Publications
Updated
March 2020

2019

- Loope, Henry, Antinao, J. L., and Rupp, Robin, 2019, Quaternary mapping along the late Wisconsin margin, central Indiana, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2019 Abstracts: Minnesota Geological Survey Open-File Report 19-1, p. 50.
- Loope, H. M., Lowell, T. V., Curry, B. B., and Antinao, J. L., 2019, Chronology of Laurentide Ice Sheet (Huron-Erie Lobe) fluctuations surrounding the Last Glacial Maximum, Indiana, USA: 20th Congress of the International Union for Quaternary Research (INQUA), P-2454, accessed December 5, 2019, at URL <https://app.oxfordabstracts.com/events/574/program-app/submission/94395>.
- Samsen, Brian, Antinao, J. L., Loope, H. M., and Fisher, T. G., 2019, Saginaw Lobe glacial stratigraphy preserved in a deep (67.1 m) rotosonic core, northern Indiana: Geological Society of America Abstracts with Programs. v. 51, no. 5, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2019AM/meetingapp.cgi/Paper/336545>, doi: 10.1130/abs/2019AM-336545.

2018

- Antinao, J. L., and Rupp, Robin, 2018, Advances in 3-D geologic mapping of northern Indiana using 3-D geological interpretation software, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2018 abstracts: Minnesota Geological Survey Open-File Report 18-1, p. 9.
- Argyilan, E. P., Johnston, J. W., Lepper, Kenneth, Monaghan, G. W., and Thompson, T. A., 2018, Lake level, shorelines, and dune behavior along the Indiana southern shore of Lake Michigan, *in* Florea, L. J., ed., Ancient oceans, orogenic uplifts, and glacial ice-geologic crossroads in America's heartland: Geological Society of America Field Guide 51, p. 181–203.
- Argyilan, Erin, Monaghan, G. W., Thompson, T. A., Guggenheim, Stephen, Mastalerz, Maria, Avis, P. G., Johnson, Matthew, Russell, K. P., and Huysken, K. T., 2018, Updating our understanding of collapse features in a migrating coastal dune, Indiana Dunes National Lakeshore: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper323712.html>, doi: 10.1130/abs/2018AM-323712.
- Fisher, T. G., Horton, Jennifer, Lepper, Kenneth, and Loope, Henry, 2018, Two episodes of aeolian activity during late glacial time, Mongo, Indiana, USA: Meeting of the Canadian and American Quaternary Associations—Crossing Borders in the Quaternary, Ottawa, Ontario, p. 117.

- Grimley, D. A., Lebel, Caitlin, Dendy, Sarah, Conroy, J. L., and Loope, H. M., 2018, Paleoenvironmental and paleoclimate inferences from gastropod assemblages in last glacial loess—Illinois, Indiana, and Kentucky: Geological Society of America Abstracts with Programs, v. 50, no. 4, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018NC/webprogram/Paper313010.html>, doi: 10.1130/abs/2018NC-313010.
- Loope, H. M., Antinao, J. L., Lowell, T. V., Curry, B. B., and Monaghan, G. W., 2018, Chronology of Laurentide Ice Sheet fluctuations surrounding the Last Glacial Maximum, central Indiana, USA: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper319710.html>, doi: 10.1130/abs/2018AM-319710.
- Loope, H. M., Antinao, J. L., Monaghan, G. W., Autio, R. J., Curry, B. B., Grimley, D. A., Huot, Sebastien, Lowell, T. V., and Nash, T. A., 2018, At the edge of the Laurentide Ice Sheet—stratigraphy and chronology of glacial deposits in central Indiana, *in* Florea, L. J., ed., Ancient oceans, orogenic uplifts, and glacial ice-geologic crossroads in America's heartland: Geological Society of America Field Guide 51, p. 245–258.
- Loope, Henry, Antinao, J. L., and Rupp, Robin, 2018, Quaternary mapping along the late Wisconsin margin, central Indiana, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2018 abstracts: Minnesota Geological Survey Open-File Report 18-1, p. 44.
- Loope, Henry, Antinao, J. L., and Rupp, Robin, 2018, Quaternary mapping along the late Wisconsin margin, central Indiana, USA: Meeting of the Canadian and American Quaternary Associations—Crossing Borders in the Quaternary, Ottawa, Ontario, p. 132.
- Loope, W. L., Loope, Henry, Jol, H. M., Fisher, Timothy, and Goble, R. J., 2018, Legacy of a transgression—shoreline behavior along the southeastern margin of the Superior Basin in response to Holocene lake-level change: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper316845.html>, doi: 10.1130/abs/2018AM-316845.
- Loveall, Jordyn, Stone, J. R., and Loope, Henry, 2018, Fossil diatom record from a proglacial lake in Indiana: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper324363.html>, doi: 10.1130/abs/2018AM-324363.
- Lowell, T. V., Curry, B. B., Loope, H. M., and Heath, S. L., 2018, Chronology of the Great Lakes Lobes—implications for the dynamics of the Laurentide Ice Sheet: Geological Society of America Abstracts with Programs, v. 50, no. 4, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018NC/meetingapp.cgi/Paper/313187>, doi: 10.1130/abs/2018NC-313187.
- Medina, C. R., Letsinger, S. L., and Olyphant, G. A., 2018, Hydrogeologic modeling supported by geologic mapping in three dimensions—do the details really matter?, *in* Kehew, A. E., and Curry, B. B., eds., Quaternary glaciation of the Great Lakes region—process, landforms, sediments, and chronology: Geological Society of America Special Paper 530, p. 217–231, doi: 10.1130/2017.2530(11).
- Mickey, J. L., Licht, K. J., and Loope, Henry, 2018, Evaluating spatial variability in detrital zircon ages from Lake Michigan Lobe, Huron-Erie Lobe, or Saginaw Lobe tills in central Indiana: Meeting of the Canadian and American Quaternary Associations—Crossing Borders in the Quaternary, Ottawa, Ontario, p. 13.
- Naylor, Shawn, 2018, Bedrock topography and sediment thickness mapping in Indiana with an expanded effort to synthesize mapping efforts throughout glaciated North America, *in* Thorleifson, L. H., ed., Geologic Mapping Forum 2018 abstracts: Minnesota Geological Survey Open-File Report 18-1, p. 54.

- Phillips, A. C., Curry, B. B., Loope, Henry, Grimley, D. A., and Huot, Sebastien, 2018, Activity of the Laurentide Ice Sheet evident in sediment archives of the lower Wabash Valley: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper324748.html>, doi: 10.1130/abs/2018AM-324748.
- Phillips, A. C., Loope, Henry, Curry, B. B., Grimley, D. A., and Lebel, Caitlin, 2018, Slackwater lake record of southern Wabash tributary indicates enigmatic CA. 40 ka glaciation: Geological Society of America Abstracts with Programs, v. 50, no. 4, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018NC/webprogram/Paper313057.html>, doi: 10.1130/abs/2018NC-313057.
- Thompson, T. A., Argyilan, E. P., Loope, H. M., Lepper, Kenneth, and Johnston, J. W., 2018, Lake-level elevation in the Chicago outlet during the Nipissing phase of Ancestral Lake Michigan-Wentworth Woods strandplain, Illinois: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper318489.html>, doi: 10.1130/abs/2018AM-318489.
- Valachovics, T. R., Fisher, Timothy, Antinao, J. L., Loope, H. M., and Monaghan, G. W., 2018, OSL constraints on glacial and post glacial landforms of terrain previously occupied by the Saginaw Lobe in northern Indiana and southern Michigan: Geological Society of America Abstracts with Programs, v. 50, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2018AM/webprogram/Paper319003.html>, doi: 10.1130/abs/2018AM-319003.

2017

- Dziekian, M. R., Fisher, T. G., Loope, H. M., and McCarthy, F. M. G., 2017, Origins of basal sediment within kettle lakes in southern Michigan and northern Indiana—climate change, groundwater fluctuations, or trash: Geological Society of America Abstracts with Programs, v. 49, no. 2, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2017NE/webprogram/Paper290061.html>, doi: 10.1130/abs/2017NE-290061.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Bedrock geologic map of Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 96, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing depth to the top of the Clegg Creek Member of the New Albany Shale (Mississippian and Devonian) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 108, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing depth to the top of the Devonian and Silurian carbonate rock resource in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 102, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing depth to the top of the Geneva Dolomite Member of the Jeffersonville Limestone (Devonian) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 104, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing depth to the top of the New Albany Shale (Mississippian and Devonian) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 106, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing elevation of the bedrock surface in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 97, scale 1:48,000.

- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing structure and depth to the top of the Trenton Limestone (Ordovician) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 109, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing thickness of the Clegg Creek Member of the New Albany Shale (Mississippian and Devonian) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 107, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing thickness of the Devonian and Silurian carbonate rock resource in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 101, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing thickness of the Geneva Dolomite Member of the Jeffersonville Limestone (Devonian) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 103, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing thickness of the New Albany Shale (Mississippian and Devonian) in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 105, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, Map showing thickness of unconsolidated deposits in Bartholomew County, Indiana: Indiana Geological Survey Miscellaneous Map 98, scale 1:48,000.
- Hasenmueller, W. A., and Rupp, R. F., 2017, The bedrock geology of Bartholomew County: Indiana Geological Survey Digital Information 16, accessed December 18, 2019, at URL <https://igsmap.maps.arcgis.com/apps/MapJournal/index.html?appid=d0eeb9d8907d436dad88652512effdc7>.
- Huot, Sebastien, Loope, H. M., Antinao, J. L., and Monaghan, G. W., 2017, Dating the Greenwood Moraine (Indiana) by optically stimulated luminescence dating (OSL)—an all too common story of applying a technique in a difficult environment in the hope of shining light on an exciting idea: Geological Society of America Abstracts with Programs, v. 49, no. 2, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2017NE/webprogram/Paper291457.html>, doi: 10.1130/abs/2017NE-291457.
- Johnston, J. W., Argyilan, E. P., Baedke, S. J., Morrison, Sean, Loope, H. M., Lepper, Kenneth, Thompson, T. A., and Wilcox, D. A., 2017, Interpreting paleohydrographic data reconstructed from strandplains of beach ridges in the Laurentian Great Lakes: Geological Society of America Abstracts with Programs, v. 49, no. 6, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2017AM/webprogram/Paper307880.html>, doi: 10.1130/abs/2017AM-307880.
- Johnston, J. W., Morrison, Sean, Argyilan, E. P., and Thompson, T. A., 2017, Incorporating geologic knowledge to better understand the coastal zone in the Laurentian Great Lakes: Geological Society of America Abstracts with Programs, v. 49, no. 2, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2017NE/webprogram/Paper291287.html>, doi: 10.1130/abs/2017NE-291287.
- Loope, H. M., Autio, R. J., Monaghan, G. W., Antinao, J. L., Huot, Sebastien, Lowell, T. V., and Curry, B. B., 2017, Laurentide Ice Sheet readvance ca. 21.7 k cal yr BP and formation of glacial Lake Eminence, south-central Indiana: Geological Society of America Abstracts with Programs, v. 49, no. 2, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2017NE/webprogram/Paper291279.html>, doi: 10.1130/abs/2017NE-291279.
- Monaghan, G. W., Bird, B. W., and Herrmann, E. W., 2017, Evolution of the Ohio River valley after outwash ceased: Geological Society of America Abstracts with Programs, v. 49, no. 2, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2017NE/webprogram/Paper291471.html>, doi: 10.1130/abs/2017NE-291471.

2016

- Argyilan, E. P., Krekeler, M. P. S., Avis, P. G., Thompson, T. A., Monaghan, G. W., and Morris, C. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275637.html>, doi: 10.1130/abs/2016NC-275637.
- Berg, R. C., Brown, S. E., Thomason, J. F., Hasenmueller, N. R., Letsinger, S. L., Kincare, K. A., Esch, J. M., Kehew, A. E., Thorleifson, L. H., Kozlowski, A. L., Bird, B. C., Pavey, R. R., Bajc, A. F., Burt, A. K., Fleeger, G. M., and Carson, E. C., 2016, A multiagency and multijurisdictional approach to mapping the glacial deposits of the Great Lakes region in three dimensions, *in* Wessel, G. R., and Greenberg, J. K., eds., *Geoscience for the Public Good and Global Development—Toward a Sustainable Future*: Geological Society of America Special Paper 520, p. 415–447, accessed February 27, 2020, at URL [https://doi.org/10.1130/2016.2520\(000\)](https://doi.org/10.1130/2016.2520(000)).
- Curry, Brandon, Loope, H. M., Lowell, T. V., Wang, Hong, Thomason, Jason, and Caron, O. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275575.html>, doi: 10.1130/abs/2016NC-275575.
- Dziekan, M. R., Fisher, T. G., Horton, Jennifer, and Loope, H. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275530.html>, doi: 10.1130/abs/2016NC-275530.
- Dziekan, M. R., Fisher, T. G., Krantz, D. E., and Stierman, D. J., 2016, Stratigraphy of a rimmed ridge plateau, Sturgis Moraine, northeastern Indiana: Geological Society of America Abstracts with Programs, v. 48, no. 5, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275545.html>, doi: 10.1130/abs/2016NC-275545.
- Dziekan, M. R., Fisher, T. G., Towell, Amy, and Loope, H. M., 2016, Characteristics of basal trash layers within kettle lakes in southern Michigan and north-east Indiana: Geological Society of America Abstracts with Programs, v. 48, no. 7, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016AM/webprogram/Paper286060.html>, doi: 10.1130/abs/2016AM-286060.
- Huot, Sebastien, and Loope, H. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275641.html>, doi: 10.1130/abs/2016NC-275641.
- Johnston, J. W., Lepper, Kenneth, Argyilan, E. P., Loope, H. M., and Thompson, T. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275655.html>, doi: 10.1130/abs/2016NC-275655.

- Loope, H. M., Curry, Brandon, Lowell, T. V., Monaghan, G. W., Karaffa, M. D., Huot, Sebastien, Grimley, D. A., and Nash, T. A., Jr., 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper274951.html>, doi: 10.1130/abs/2016NC-274951.
- Loope, W. L., Loope, H. M., Jol, H. M., Fisher, T. G., and Goble, R. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275619.html>, doi: 10.1130/abs/2016NC-275619.
- Monaghan, G. W., Loope, H. M., Huot, Sebastien, and Karaffa, M. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275323.html>, doi: 10.1130/abs/2016NC-275323.
- Naylor, Shawn, Wickert, A. D., and Edmonds, D. A., 2016, The buried bedrock topography of North America reveals pre-Pleistocene relict landscapes and broad-scale influences of glacial processes: Geological Society of America Abstracts with Programs, v. 48, no. 7, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016AM/webprogram/Paper285133.html>, doi: 10.1130/abs/2016AM-285133.
- Sodeman, A. D., and Monaghan, G. W., 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275075.html>, doi: 10.1130/abs/2016NC-275075.
- Sodeman, A. D., and Monaghan, G. W., 2016, Heavy mineral analysis of glacial till in northern and south-central Indiana to reconstruct path of glacial ice: Geological Society of America Abstracts with Programs, v. 48, no. 7, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016AM/webprogram/Paper282913.html>, doi: 10.1130/abs/2016AM-282913.
- Thompson, T. A., Monaghan, G. W., and Argyilan, E. 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, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2016NC/webprogram/Paper275470.html>, doi: 10.1130/abs/2016NC-275470.

2015

- Horton, J. M., 2015, The deglacial chronology of the Sturgis Moraine in south-central Michigan and northeast Indiana: masters thesis, Toledo, University of Toledo, 100 p.; OhioLINK Electronic Theses & Dissertation Center webpage, accessed December 18, 2019, at URL https://etd.ohiolink.edu/pg_10?0::NO:10:P10_ACCESSION_NUM:toledo1437256297.
- Horton, Jennifer, Fisher, T. G., Karaffa, M. D., Loope, H. M., and Lepper, Kenneth, 2015, Deglacial chronology of the Sturgis Moraine in south-central Michigan and northeast Indiana: Geological Society of America Abstracts with Programs, v. 47, no. 5, p. 3; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255684.html>.
- Johnston, John, Loope, H. M., Lepper, Kenneth, and Thompson, T. A., 2015, Analysis of middle Holocene (ca. 6000 to 4500 years ago) lake-level change of ancestral Lake Superior at the Huron Mountains, upper Michigan: Geological Society of America Abstracts with Programs, v. 47, no. 5, p. 5; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255798.html>.
- Karaffa, M. D., 2015, Extent, characteristics, and regional relations of the interlobate region in northern Indiana—year 2: Indiana Geological Survey Open-File Study 15-07, 150 p.
- Karaffa, M. D., Pavey, R. R., Monaghan, G. W., and Loope, H. M., 2015, Interpretation of the interlobate margins of late Wisconsin ice lobes in Indiana—100 years later: Geological Society of America Abstracts with Programs, v. 47, no. 5, p. 4; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255856.html>.
- Loope, H. M., Lowell, T. V., Curry, Brandon, Monaghan, G. W., and Karaffa, M. D., 2015, Stratigraphy and chronology of late Wisconsin Laurentide Ice Sheet fluctuations of the East White sublobe, central Indiana: Geological Society of America Abstracts with Programs, v. 47, no. 5, p. 20; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255561.html>.
- Loope, H. M., Rupp, R. F., and Hasenmueller, W. A., 2015, Preliminary map showing Quaternary geology of the Azalia 7.5-minute quadrangle, Indiana: Indiana Geological Survey Open-File Study 15-08, scale 1:24,000.
- Luehmann, M. D., Arbogast, A. F., Monaghan, G. W., Lovis, W. A., Michalek, M. J., and Wang, Hong, 2015, Late-Pleistocene fluvial incision and perched-dune formation along the lower Au Sable River in northeastern lower Michigan, USA: Geological Society of America Abstracts with Programs, v. 47, no. 5, p. 29; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255480.html>.
- Monaghan, G. W., Argyilan, E. P., Thompson, T. A., and Russell, K. P., 2015, Sedimentological and geomorphological investigation of voids in the Mt. Baldy Dune of the Indiana Dunes National Lakeshore: Geological Society of America Abstracts with Programs, v. 47, no. 7, p. 737; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015AM/webprogram/Paper268209.html>.
- Monaghan, G. W., Hasenmueller, W. A., Loope, H. M., Karaffa, M. D., and Rupp, R. F., 2015, 21st century technology applied to 19th century maps—updating the late Wisconsin terminal moraine in southeastern Indiana: Geological Society of America Abstracts with Programs, v. 47, no. 5, p. 19; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015NC/webprogram/Paper255225.html>.

- Nitschke, Jasmine, Lepper, Kenneth, Johnston, J. W., Thompson, T. A., and Loope, H. M., 2015, OSL dating of a strandplain sequence in the Pine River Embayment of Lake Superior along the Upper Peninsula of Michigan: Geological Society of America Abstracts with Programs, v. 47, no. 7, p. 548; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015AM/webprogram/Paper265891.html>.
- O'Keefe, Jen, Mastalerz, Maria, Monaghan, G. W., Thompson, T. A., and Argyilan, E. P., 2015, Transformation of modern wood in the dune environment: Geological Society of America Abstracts with Programs, v. 47, no. 7, p. 605; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015AM/webprogram/Paper269410.html>.
- Prentice, M. L., Ducey, P. W., and Rupp, R. F., 2015, Rotosonic cores of the Lagro Formation in Huntington and Allen Counties, Indiana: Indiana Geological Survey Report of Progress 43, 52 p.
- Thompson, T. A., Johnston, J. W., Loope, H. M., and Jol, H. M., 2015, Holocene shoreline behavior and sequence development in the Upper Great Lakes Basin: Geological Society of America Abstracts with Programs, v. 47, no. 7, p. 651; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015AM/webprogram/Paper264229.html>.
- Thompson, T. A., Johnston, J. W., Loope, H. M., and Jol, H. M., 2015, Shoreline architecture during a lake-level rise and fall of the upper Great Lakes over a period of several millennia: Geological Society of America Abstracts with Programs, v. 47, no. 7, p. 246; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2015AM/webprogram/Paper264176.html>.

2014

- Fleming, A. H., and Hasenmueller, N. R., 2014, Toward understanding the glacial geology of the Erie Lobe Basin-descriptions of four cores in the Lagro Formation, Whitley County, Indiana: Indiana Geological Survey Open-File Study 14-01, 128 p.
- Hasenmueller, W. A., Rupp, R. F., and Loope, H. M., 2014, Preliminary map showing elevation of the bedrock surface in the Edinburgh 7.5-minute quadrangle: Indiana Geological Survey Open-File Study 14-06, scale 1:24,000.
- Hasenmueller, W. A., Rupp, R. F., and Loope, H. M., 2014, Preliminary map showing thickness of unconsolidated deposits in the Edinburgh 7.5-minute quadrangle: Indiana Geological Survey Open-File Study 14-07, scale 1:24,000.
- Horton, Jennifer, Fisher, Timothy, Loope, H. M., and Karaffa, M. D., 2014, The deglacial chronology of the Sturgis Moraine in south-central Michigan and northeast Indiana: Geological Society of America Abstracts with Programs, v. 46, no. 6, p. 349; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2014AM/webprogram/Paper244354.html>.
- Karaffa, M. D., and Gray, H. H., 2014, Beanblossom Valley—revisiting the glacial boundary in Indiana: Geological Society of America Abstracts with Programs, v. 46, no. 4, p. 47; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2014NC/webprogram/Paper237853.html>.
- Letsinger, S. L., 2014, Spatially distributed regional recharge-rate estimation to guide an aquifer-sensitivity assessment for mid-continental glacial environments, USA: Geological Society of America Abstracts with Programs, v. 46, no. 6, p. 110; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2014AM/webprogram/Paper244853.html>.

- Loope, H. M., Loope, W. L., Anderton, J. B., Jol, H. M., Fisher, T. G., and Goble, R. J., 2014, Optical and radiocarbon dating of the Nipissing transgression, southeastern Lake Superior basin: Geological Society of America Abstracts with Programs, v. 46, no. 4, p. 61; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2014NC/webprogram/Paper237804.html>.
- Loope, H. M., Lowell, T. V., and Curry, Brandon, 2014, Chronology of Laurentide Ice Sheet (East White sublobe) advance to its maximum Wisconsinan limit, southeastern Indiana, USA: Geological Society of America Abstracts with Programs, v. 46, no. 6, p. 339; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2014AM/webprogram/Paper245667.html>.

2013

- Ducey, P. W., and Prentice, M. L., 2013, Core-based study of Erie Lobe till stratigraphy in northeastern Indiana—implications for Erie Lobe history: Geological Society of America Abstracts with Programs, v. 45, no. 4, p. 13; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013NC/webprogram/Paper218620.html>.
- Fleming, A. H., and Karaffa, M. D., 2013, A tale of two lobes—the Pleistocene evolution of Indiana's largest interlobate lake basin: Geological Society of America Abstracts with Programs, v. 45, no. 4, p. 18; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013NC/webprogram/Paper218325.html>.
- Johnston, J. W., Argyilan, E. P., Thompson, T. A., Baedke, S. J., Lepper, Kenneth, Wilcox, D. A., and Forman, S. L., 2013, A Sault-outlet-referenced mid- to late-Holocene paleohydrograph for Lake Superior constructed from strandplains of beach ridges: Geological Society of America Abstracts with Programs, v. 45, no. 4, p. 56; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013NC/webprogram/Paper218447.html>.
- Jol, H. M., Loope, W. L., Johnston, J. W., Breckenridge, A. J., Loope, H. M., Morrison, S. M., and Jol, C. E., 2013, GPR imaging of coastal sedimentary deposits along the Lake Superior shoreline of the Huron Mountains, Michigan, USA: Geological Society of America Abstracts with Programs, v. 45, no. 7, p. 116; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013AM/webprogram/Paper233888.html>.
- Loope, H. M., Mason, J. A., Goble, R. J., Hanson, P. R., and Young, A. R., 2013, Chronology and paleoenvironmental significance of eolian sand activity south of the Laurentide Ice Sheet during the last glacial period, Upper Mississippi River basin: Geological Society of America Abstracts with Programs, v. 45, no. 7, p. 192; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013AM/webprogram/Paper229287.html>.
- Prentice, M. L., Ducey, P. W., Ismail, Ahmed, Letsinger, S. L., Sargent, Steve, and Fenerty, B. S., 2013, Erie Lobe till studies in Indiana reveal a dynamic ice margin: Geological Society of America Abstracts with Programs, v. 45, no. 4, p. 19; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013NC/webprogram/Paper218612.html>.
- Prentice, M. L., and Letsinger, S. L., 2013, New understanding of Lagro Formation aids evaluation of aquifer sensitivity: Indiana Geological Survey Allen County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/allencounty/AquiferSensitivity.cfm/>.
- Thompson, T. A., Johnston, J. W., and Lepper, Kenneth, 2013, The elevation of the peak Nipissing phase (mid Holocene) at outlets of the upper Great Lakes: Geological Society of America Abstracts with Programs, v. 45, no. 4, p. 55; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2013NC/webprogram/Paper218327.html>.

2011

- Ducey, P. W., Prentice, M. L., and Rupp, R. F., 2011, Northwest flank of the Erie Lobe in Indiana—where have all the moraines gone?: Geological Society of America Abstracts with Programs, v. 43, no. 1, p. 132; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2011NE/webprogram/Paper186436.html>.
- Fleming, A. H., 2011, Fall Creek aquifer complex: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/marionCounty/FallCreek.cfm>.
- Fleming, A. H., 2011, Glacial geology—how glaciers work: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/MarionCounty/HowGlaciersWork.cfm>.
- Fleming, A. H., 2011, Glacial geology—ice ages in the geological record: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/MarionCounty/IceAgeGeoRecord.cfm>.
- Fleming, A. H., 2011, Glacial geology—Late Wisconsin glacial deposits: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/MarionCounty/lateWisGlacial.cfm>.
- Fleming, A. H., 2011, Glacial geology—nature of the pre-Wisconsin surface: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/MarionCounty/preWisSurFeat.cfm>.
- Fleming, A. H., 2011, Glacial geology—pre-Wisconsin glacial deposits: Indiana Geological Survey Marion County webpage, date accessed December 20, 2011, at URL <https://igs.indiana.edu/MarionCounty/preWisconsin.cfm>.
- Fleming, A. H., 2011, Glacial geology—unconsolidated deposits: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/marionCounty/UnconsolidatedDeposits.cfm>.
- Fleming, A. H., 2011, Hydrogeology of wetlands and natural communities: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/marionCounty/HydroWetlands.cfm>.
- Fleming, A. H., 2011, Porosity and permeability: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/MarionCounty/PoroAndPerme.cfm>.
- Fleming, A. H., 2011, Southwestern aquifer complex: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/marionCounty/SouthwestAquifer.cfm>.
- Fleming, A. H., Hasenmueller, N. R., and Hasenmueller, W. A., 2011, Bedrock topography: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/MarionCounty/BedrockTopography.cfm>.
- Fleming, A. H., and Rupp, R. F., 2011, Features typically associated with the pre-Wisconsin surface in outcrops and boreholes: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/MarionCounty/outcrops.cfm>.
- Fleming, A. H., and Rupp, R. F., 2011, Glacial geology: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/MarionCounty/GlacialGeology.cfm>.
- Fleming, A. H., and Rupp, R. F., 2011, Hydrogeologic framework: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/MarionCounty/Hydrogeologic.cfm>.
- Fleming, A. H., and Rupp, R. F., 2011, Radiocarbon age determinations on late Wisconsin glacial deposits in and near Marion County: Indiana Geological Survey Marion County webpage, accessed December 20, 2011, at URL <https://igs.indiana.edu/marionCounty/radioCarbon.cfm>.

- Hasenmueller, N. R., and Hasenmueller, W. A., 2011, Bedrock geology of Marion County: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/MarionCounty/BedrockGeology.cfm>.
- Letsinger, S. L., Prentice, M. L., Olyphant, G. A., and Riddle, A. D., 2011, Three-dimensional groundwater flow modeling using a geologic framework model of near-surface glacial sequences—northeastern Indiana: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 560; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2011AM/webprogram/Paper195923.html>.
- Olejnik, Jennifer, Karaffa, M. D., and Fleming, A. H., 2011, Data sets—gamma-ray logs: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igws.indiana.edu/MarionCounty/GammaRay>.
- Prentice, M. P., Ducey, P. W., Rupp, R. F., Karaffa, M. D., and Pigott, J. L., 2011, Map showing preliminary surficial geology of the Columbia City, Lorane, and South Whitley East 7.5-minute quadrangles in Whitley County, Indiana: Indiana Geological Survey Open-File Study 11-01, scale 1:63360.
- Prentice, M. L., and Letsinger, S. L., 2011, What's on tap? Geology!: ACRES Quarterly Summer 2011.
- Rupp, R. F., 2011, Data sets—clay thickness: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igws.indiana.edu/MarionCounty/Clay>.
- Rupp, R. F., 2011, Data sets—DEM terrain: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igws.indiana.edu/MarionCounty/DEM>.
- Rupp, R. F., 2011, Data sets—iLITH database: Indiana Geological Survey Marion County webpage, accessed December 18, 2019, at URL <https://igs.indiana.edu/MarionCounty/iLith.cfm>.
- Rupp, R. F., Hasenmueller, N. R., Karaffa, M. D., Brown, S. E., Fleming, A. H., Ferguson, V. R., Hasenmueller, W. A., Daniels, M. S., and Rohwer, P. D., 2011, Web-based geologic maps, databases, and html pages for Marion County, Indiana: Geological Society of America Abstracts with Programs, v. 43, no. 5, p. 630; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2011AM/webprogram/Paper193687.html>.

2010

- Indiana Geological Survey, 2010, Marion County—a geologic atlas: Indiana Geological Survey webpage, accessed December 18, 2019, at URL <https://igws.indiana.edu/MarionCounty/>.
- Rupp, R. F., Hasenmueller, N. R., Walls, A. C., Karaffa, M. D., Brown, S. E., Fleming, A. H., Ferguson, V. R., and Hasenmueller, W. A., 2010, Web-based glacial and bedrock geologic map products and databases for Marion County, Indiana: Geological Society of America Abstracts with Programs, v. 42, no. 2, p. 87; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2010NC/webprogram/Paper171075.html>.

2009

- Great Lakes Geologic Mapping Coalition, 2009, Great Lakes Geologic Mapping Coalition website, accessed December 18, 2019, at URL <https://igws.indiana.edu/GreatLakesGeology/index.cfm>.
- Letsinger, S. L., Naylor, Shawn, and Olyphant, G. A., 2009, A GIS-based approach to modeling three-dimensional geology of near-surface glacial morphosequences—Huntertown Formation, northeastern Indiana: Geological Society of America Abstracts with Programs, v. 41, no. 7, p. 166; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2009AM/webprogram/Paper162506.html>.

2008

- Central Great Lakes Geologic Mapping Coalition, 2008, Central Great Lake Geologic Mapping Coalition Brochure: Central Great Lakes Geologic Mapping Coalition Information Sheet, 4 p.
- Indiana Geological Survey, 2008, Great Lakes Geologic Mapping Coalition—Indiana project update: Bloomington, Indiana, Indiana Geological Survey, 25 p.
- Kincare, K. A., Newell, W. L., Brown, S. E., and Stone, B. D., 2008, Interpretation of glacial deposits at drainage-basin scale for use in ground-water modeling: Geological Society of America Abstracts with Programs, v. 40, no. 5, p. 79; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2008NC/webprogram/Paper138078.html>.
- Letsinger, S. L., and Olyphant, G. A., 2008, GIS-based potential recharge- and discharge-area mapping from three-dimensional hydrogeologic modeling in glacial terrains of the Midwestern United States: Geological Society of America Abstracts with Programs, v. 40, no. 6, p. 474; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2008AM/webprogram/Paper148015.html>.
- Naylor, Shawn, Nelson, G. C., and Gustin, A. R., 2008, An integrated architectural analysis approach to three-dimensional geologic mapping of the Hunteertown aquifer system in northeastern Indiana: Geological Society of America Abstracts with Programs, v. 40, no. 6, p. 472; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2008AM/webprogram/Paper150550.html>; poster available at IU ScholarWorks [digital repository] accessed December 18, 2019, at URL <https://scholarworks.iu.edu/dspace/handle/2022/3383>.
- Pavey, R. R., Olyphant, G. A., and Letsinger, S. L., 2008, GIS-based three-dimensional geologic and hydrogeologic modeling of the Milan, Ohio 1:24,000 quadrangle: Geological Society of America Abstracts with Programs, v. 40, no. 5, p. 72; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2008NC/webprogram/Paper137850.html>; poster available at IU ScholarWorks [digital repository] accessed December 18, 2019, at URL <https://scholarworks.iu.edu/dspace/handle/2022/3357>.
- Rupp, R. F., Olejnik, Jennifer, Hasenmueller, N. R., Karaffa, M. D., Walls, A. C., Radhakrishnan, Prem, and Eaton, N. K., 2008, Developing a Web site which provides geologic data and geologic map products for Allen County, Indiana, *in* D. R. Soller, ed., Digital Mapping Techniques Workshop Proceedings: U.S. Geological Survey Open-File Report; U.S. Geological Survey webpage, accessed December 18, 2019, at URL <http://pubs.usgs.gov/of/2008/1385/contents.html>; poster available at IU ScholarWorks [digital repository] accessed December 18, 2019, at URL <https://scholarworks.iu.edu/dspace/handle/2022/7783>.

2007

- Hasenmueller, N. R., Rupp, R. F., Olejnik, Jennifer, Karaffa, M. D., Walls, A. C., Radhakrishnan, Prem, Eaton, N. K., and Fleming, A. H., 2007, Allen County—a geologic atlas: Indiana Geological Survey webpage, accessed December 18, 2019, at URL <https://igws.indiana.edu/AllenCounty/>.
- Medina, C. R., 2007, Hydrogeologic characterization and ground-water flow modeling of a glacial aquifer system—Berrien County, Michigan: M.S. Thesis, Bloomington, Indiana University, 95 p.

Rupp, R. F., Olejnik, Jennifer, Hasenmueller, N. R., Karaffa, M. D., Walls, A. C., Radhakrishnan, Prem, and Eaton, N. K., 2007, Web-based glacial and bedrock geologic map products and databases for Allen County, Indiana: Geological Society of America Abstracts with Programs, v. 39, no. 3, p. 25–26; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2007SC/webprogram/Paper119807.html>; poster available at IU ScholarWorks [digital repository], accessed December 18, 2019, at URL <https://scholarworks.iu.edu/dspace/handle/2022/3211>.

2006

- Brown, S. E., Newell, W. L., Stone, B. D., Kincare, K. A., and O'Leary, D. W., 2006, New regional correlation of glacial events and processes in the interlobate area of southern Michigan and northern Indiana after the last glacial maximum (LGM): Geological Society of America Abstracts with Programs, v. 38, no. 4, p. 58; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2006NC/webprogram/Paper103189.html>.
- Letsinger, S. L., Olyphant, G. A., and Medina, C. R., 2006, Dressing the emperor—the role of GIS in the development of three-dimensional hydrogeologic models: Geological Society of America Abstracts with Programs, v. 38, no. 7, p. 164; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2006AM/webprogram/Paper114594.html>; poster available at IU ScholarWorks [digital repository], accessed December 18, 2019, at URL <https://scholarworks.iu.edu/dspace/handle/2022/3212>.
- Medina, C. R., Olyphant, G. A., and Letsinger, S. L., 2006, Dressing the emperor—the role of three-dimensional information visualization software in the development of three-dimensional hydrogeologic models: Geological Society of America Abstracts with Programs, v. 38, no. 7, p. 164; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2006AM/webprogram/Paper114864.html>; poster available at IU ScholarWorks [digital repository], accessed December 18, 2019, at URL <https://scholarworks.iu.edu/dspace/handle/2022/3213>.
- Olyphant, G. A., Medina, C. R., and Letsinger, S. L., 2006, Dressing the emperor (groundwater-flow model) of glacial geology—a tale of three tailors: Geological Society of America Abstracts with Programs, v. 38, no. 7, p. 108; Geological Society of America webpage, accessed December 18, 2019, at URL <https://gsa.confex.com/gsa/2006AM/webprogram/Paper114912.html>.

2005

Brown, S. E., and Thompson, T. A., 2005, Geologic map of glacial and post-glacial deposits, northern Lake County Indiana: Indiana Geological Survey Miscellaneous Map 71, scale 1:40,000.

2004

- Bleuer, N. K., 2004, Slow logging subtle sequences—the gamma-ray log character of glacial and other unconsolidated sedimentary sequences: Indiana Geological Survey Special Report 65, 39 p.
- Berry, G. M., Bleuer, N. K., Brown, S. E., Dickson, M. L., Dintaman, Chris, Olejnik, Jennifer, and Rupp, R. F., 2004, Surface terrain of Indiana: Indiana Geological Survey Poster 5.
- Brown, S. E., Bleuer, N. K., Dickson, Marni, Dintaman, Chris, Olejnik, Jennifer, and Rupp, Robin, 2004, Digital elevation model of Indiana—revised: Indiana Geological Survey Open-File Studies, OFS04-01, CD-ROM.

Central Great Lakes Geologic Mapping Coalition, 2004?, A sample of first products: Central Great Lakes Geologic Mapping Coalition, unnumbered.

Central Great Lakes Geologic Mapping Coalition, 2004, The Central Great Lakes Geologic Mapping Coalition: Central Great Lakes Geologic Mapping Coalition webpage.

Rupp, Robin, 2004, Surface terrain of Indiana—a digital elevation model, *in* Soller, D. R., ed., Digital Mapping Techniques '04—Workshop Proceedings: U.S. Geological Survey Open-File Report 2004-1451, 7 p.; U.S. Geological Survey webpage, accessed December 18, 2019, at URL <http://pubs.usgs.gov/of/2004/1451/rupp/index.html>.

2003

Stone, B. D., Kincare, K. A., O'Leary, D. W., Lundstrom, S. C., Taylor, E. M., and Brown, S. E., 2003, Glacial and postglacial geology of the Berrien County region of Michigan: Benton Harbor, Michigan, 49th Midwest Friends of the Pleistocene Field Conference, 70 p.

2002

Steinmetz, J. C., Bleuer, N. K., and Brown, S. E., 2002, Three-dimensional Quaternary geologic mapping in the Great Lakes region: Annual Meeting—Association of Engineering Geologists, v. 45, p. 86.

1999

Berg, R. C., Bleuer, N. K., Jones, B. E., Kincare, K. A., Pavey, R. R., and Stone, B. D., 1999, Mapping the glacial geology of the Central Great Lakes Region in three dimensions—a model for state-federal cooperation: U.S. Geological Survey Open-File Report 99-349, 40 p.; U.S. Geological Survey webpage, accessed February 11, 2020, at URL <https://pubs.usgs.gov/pdf/of/ofr99349/>.

Central Great Lakes Geologic Mapping Coalition, 1999, Sustainable growth in America's heartland—3-D geologic maps as the foundation: U.S. Geological Survey Circular 1190, 17 p.; U.S. Geological Survey webpage, accessed February 11, 2020, at URL <https://pubs.usgs.gov/circ/c1190/c1190-72.pdf>.

Central Great Lakes Geologic Mapping Coalition, 1999, The Central Great Lakes Geologic Mapping Coalition: U.S. Geological Survey Fact Sheet 153-99, 2 p.; U.S. Geological Survey webpage, accessed February 11, 2020, at URL <https://pubs.usgs.gov/fs/fs153-99/fs153-99.pdf>.