

# Great Lakes Geologic Mapping Coalition - Annual Science Meeting

April 15-17, 2014

## AGENDA

**Where: Hyatt Regency - Indianapolis**      One South Capital Avenue  
Indianapolis, Indiana 46204  
Phone: 317 623 1234  
Group: US Geological Survey

### Tuesday, April 15

Arrive through the afternoon and evening and find someplace to renew acquaintances

### Wednesday, April 16      **Mapping, Analysis, and Interpretation**      **Theory Meeting Room**

8:00 Put up posters / maps

8:30 Welcome, introductions, and purpose

Kevin Kincare, USGS

8:40 Innovative 3D digital map demonstration

Abigail Burt, MNDMF

9:00 The passive-seismic experiment (HVSr) in Michigan

John Esch, MIGS

9:15 Karst mapping in glacial deposits,

Douglas Aden, OGS

Flat Rock/Fireside quadrangles

9:35 Shallow refraction geophysics for surficial geology

Frank Fugitt, OGS

9:55 Platte River embayment, "There must be till"

Kevin Kincare, USGS

#### 10:10 Break – informal poster discussions

10:30 Geologic map database and science terminology standards:  
a progress report

Dave Soller, USGS

11:00 The OSL experiment in the Manistee National Forest

Kevin Kincare, USGS

11:20 Three-dimensional geologic mapping of a Quaternary  
paleovalley system in Bartholomew County

Walt Hasenmueller, IGS

11:40 Radiocarbon dating in Indiana

Henry Loope, IGS

#### 12:00 Lunch

1:30 Configurations and processes of Lake Michigan Lobe's  
sublobes in McHenry County, Illinois

Jason Thomason, ISGS

1:50 Vacillating glacial margins and periglacial sedimentary  
environments at the onset of the last deglaciation

Brandon Curry, ISGS

2:10 Extent, characteristics, and regional relations of the  
Interlobate region in north-central Indiana

Marni Karaffa, IGS

2:30 Recognition of the Jacksville Esker and Delta detail  
using Lidar

Gary Fleeger, PGS

2:50 Alluvial stratigraphy of the Lower Wisconsin River valley

Eric Carson, WGNHS

#### 3:10 Break

3:30 Quadrangle mapping in the I-94 corridor of Calhoun County

Al Kehew, MIGS

3:50 Rationale and methods for regional 3D geological mapping

Harvey Thorleifson, MNGS

4:10 The Niagara Peninsula in 3D and a cool mini-project

Abigail Burt, MNDMF

4:30 Prognostication, new budget, and revisionism

Kevin Kincare, USGS; Dick Berg, ISGS

4:50 GSA special volume: Geoscience for the public good

All

#### 5:00 Adjourn

### Thursday, April 17      **Progress Reports**      **Theory Meeting Room**

8:30 Housekeeping – the day's plans

Kevin Kincare

8:45 Illinois State Geological Survey

Olivier Caron

9:00 Indiana Geological Survey

Walt Hasenmueller, Marni Karaffa

9:15 Michigan Geological Survey

John Yellich

9:30 Minnesota Geological Survey

Harvey Thorleifson

9:45 Ohio Geological Survey

Mike Angle

#### 10:00 Break

10:30 Pennsylvania Geological Survey

Gary Fleeger

10:45 Wisconsin Geological Survey

Eric Carson

11:00 U.S. Geological Survey

Kevin Kincare

11:15 Grant and budget update

Kevin Kincare

11:30 Progress report - Wisconsin ice margin project

Eric Carson

#### 11:45 Lunch/Adjourn main meeting