



New Hampshire Geological Survey's Annual Geologic Mapping Workshop 2019

Wednesday April 3, 2019

9:00 AM – 12:30 PM*

DES Auditorium, NHDES, Concord

29 Hazen Drive, Concord, New Hampshire 03302-0095

Public Session Agenda

- 8:30 – 8:50 AM **Coffee and Poster Session in Auditorium Anteroom****
- 9:00 – 9:10 **Welcome and NHGS Program Update**
Rick Chormann, NH State Geologist
- Guest speakers:**
- 9:10 – 9:40 **Drew Meren, Quantum Spatial – “Latest developments in LiDAR technology.”**
- 9:40 – 10:00 **Larry Ward, University of New Hampshire – “High resolution mapping of morphologic features and seafloor sediments of the New Hampshire and vicinity continental shelf, western Gulf of Maine.”**
- 10:00 – 10:20 **Robert Newton, Smith College – “Evidence for northeast flowing ice in the lee of the Sandwich Range, New Hampshire.”**
- 10:20 – 10:40 **P. Thompson Davis, Bentley University – “Cosmogenic exposure ages for two famous and large New Hampshire boulders.”**
- 10:40 – 11:00 **Break (Posters)**
- Robert Newton, Smith College – “Clay mineralogy of a saprolite deposit near Lancaster, New Hampshire.”**
- Jordan Fields, Dartmouth College – “River recovery and bedform evolution in a New England stream post-dam removal.”**
- Katie Woltner, Keene State College – “Bedrock geology in northern Keene, NH and how it relates to groundwater quality.”**
- Andrew Starace, Keene State College – “The geology of Split Rock Falls.”**
- 11:00 – 11:20 **James Lenoir, Boston College – “Post-glacial sedimentation in Ossipee Lake, New Hampshire.”**

- 11:20 – 11:40 **Jon Kim, Vermont Geological Survey** – *“Using multiple groundwater tracers to assess the fate and transport of PFOA in a surficial - fractured rock aquifer system: Bennington, Vermont.”*
- 11:40 – 11:55 **J. Dykstra Eusden, Department of Geology, Bates College** – *“Bedrock Geology and geochronology of the Mt. Crescent, New Hampshire 7.5-minute quadrangle.”*
- 11:55 – 12:10 **Dan Tinkham, Emery and Garrett Groundwater Investigations** – *“Surficial geology of the Center Sandwich 7.5-minute quadrangle, New Hampshire.”*
- 12:10 – 12:25 **Greg Barker, NH Geological Survey** – *“Surficial geology of the Bradford 7.5’ quadrangle, New Hampshire.”*
- 12:25 **Questions and closing remarks**
Rick Chormann, NH State Geologist

Private Working Session for NHGS Mappers in Rooms 213-214

- 1:15 – 3:15 Mapping contractor meeting for those who map for the NHGS under the STATEMAP program.

Directions to NH Department of Environmental Services
The main offices of DES (including the New Hampshire Geological Survey)
are located at 29 Hazen Drive, Concord, NH.

From the South and West

Take I-93 north to Exit 14 turning right at the end of the exit ramp. At the third light (at top of the hill), turn left onto Hazen Drive. Turn left at sign for Health & Human Services. Visitor parking is available in front of building.

From the North

Take I-93 south to Exit 15E onto I-393. Take Exit 2 and turn left at end of exit ramp (East Side Drive). Stay to the right and turn right at light onto Hazen Drive. Turn right at sign for Health & Human Services. Visitor parking is available in front of building.

From the East

Take Route 4 west to Concord (Route 4 becomes I-393 in Concord). Take Exit 2 and turn left at end of exit ramp. Stay to the right and turn right at second light onto Hazen Drive. Turn right at sign for Health & Human Services. Visitor parking is available in front of building.

Note: If you have not already done so, please respond by email if you plan to attend so that we can anticipate the number of attendees. If you need further information on the program or **to R.S.V.P., please contact the NH Geological Survey at: geology@des.nh.gov**

Attendance at the entire public session part of the workshop qualifies for 3.5 CEU's

Please bring photographic identification (e.g. driver’s license) in order to be admitted to the DES Building. Thank you.

* NHDES employees should confirm their attendance and schedule of the workshop with their supervisors.

** Posters will be on display until the end of the public session of the workshop.