



# New Hampshire Geological Survey's Annual Geologic Mapping Workshop 2020

Wednesday April 9, 2020

9:00 AM – 12:30 PM\*

DES Auditorium, NHDES, Concord

29 Hazen Drive, Concord, New Hampshire 03302-0095

## Public Session Agenda

- 8:30 – 8:55 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 **Sean Kinney, Lamont-Doherty Observatory – “Causal implications of new geochronological constraints on Mesozoic post-rift magmatism in New England”**
- 9:40 – 10:10 **Scott Bailey, Hubbard Brook Experimental Forest – “Fluoride as a natural tracer of hydrochemical processes in New Hampshire’s Jurassic Park (aka the White Mountain Batholith)”**
- 10:10 – 10:40 **Andy Boeckler, Nobis Engineering – “Investigating and remediating abandoned hard-rock mines in the Vermont Copper Belt”**
- 10:40 – 11:10 **Break (Posters)**  
**Wally Bothner, University of New Hampshire (emeritus) – “Geology of the Isles of Shoals, New Hampshire/Maine”**
- Dykstra Eusden, Department of Geology, Bates College – “Bedrock Geology and geochronology of the southern half of the Berlin 7.5-minute quadrangle, New Hampshire”**
- Mike Prentice, Geoscy LLC – “Surficial geology of the NH portion of the Mount Grace and Royalston 7.5-minute quadrangles, New Hampshire/Massachusetts”**
- Greg Barker and Josh Keeley, NH Geological Survey – “Surficial geology of the Hillsborough Upper Village 7.5-minute quadrangle, New Hampshire”**
- 11:10 – 11:40 **Greg Walsh, U.S. Geological Survey – “Tectonic implications of new U-Pb zircon ages in the Bronson Hill Arc, western New Hampshire”**
- 11:40 – 12:00 **Dykstra Eusden, Department of Geology, Bates College – “Bedrock Geology of Weeks State Park, Lancaster, New Hampshire”**

12:00 – 12:20 **Woody Thompson, Maine Geological Survey (retired) – “*Surficial geology of the Lancaster 7.5-minute quadrangle, New Hampshire.*”**

12:20 **Questions and closing remarks**  
Rick Chormann, NH State Geologist

### **Private Working Session for NHGS Mappers in Rooms 110-111**

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

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**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](mailto: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.**

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\* 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.