



**DIRECTIONS TO
THE COMMON MAN
25 Water Street
Concord, NH 03301
603-228-3463**

The Common Man Restaurant in Concord, NH is located just off I-93 Exit 13. From the north, turn right. From the south, turn left.

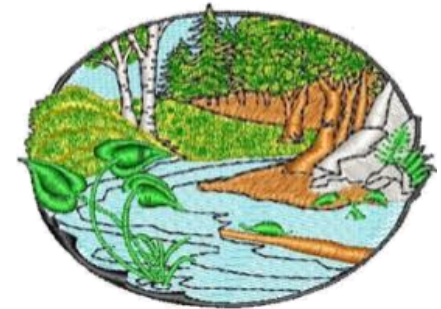


*New Hampshire Association of Natural Resource Scientists
PO Box 110
Concord, NH 03302*

*NHANRS
Fall Quarterly
Meeting*

*Thursday
September 20, 2018*

*The Common Man
Concord, NH*



*New Hampshire
Association of
Natural Resource
Scientists*

NHANRS
Fall Quarterly Meeting
Thursday
September 20, 2018
5:30pm to 9:00pm
The Common Man
Concord, NH

AGENDA

5:30–6 pm	Registration/Cash Bar
6–6:30pm	Business Meeting
6:30–7:30pm	Dinner
7:30–8:30pm	Presentation

***Crossing the Blue Line –
 Research on NH's Stream Maps***

Presented by

Joshua Keeley, Hydrogeologist with the NHGS,
 Principle Steward of the
 National Hydrography Dataset (NHD)

9pm	Adjourn
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Continuing Education

*This presentation qualifies for
 1 contact hour*

***Crossing the Blue Line –
 Research on NH's Stream Maps***

The National Hydrography Dataset (NHD) is a geographic network containing all water features in the country organized by a hierarchical system of watersheds called the Watershed Boundary Dataset (WBD). Everything in the NHD is connected, enabling users to trace the network to discover information along the streams and waterbodies (dams, stream gages, water quality stations, etc.). The current High Resolution NHD contains all water features on 24,000-scale USGS topographic maps. Although a remarkable achievement, many workers today require a much finer scale. With Lidar elevation data and GIS tools, we are now able to extract a stream network that represents reality to within a few meters. This method indiscriminately generates all streams on the basis of channel morphology, but cannot identify whether any given stream reach is perennial, intermittent, or ephemeral. To better evaluate these classifications, the NHGS has deployed stream permanence sensors that monitor the height of water in the channel. These methods, combined with a new NHD Markup Tool that allows the public to propose edits to the stream network, will allow the NHGS to make the NHD in New Hampshire a better product for all users.

Presenter Bio

Joshua Keeley is a Hydrogeologist with the NHGS and serves as the New Hampshire Principle Steward of the National Hydrography Dataset (NHD). Josh specializes in glacial geology and is currently involved in surficial geologic mapping, maintaining the NHD, maintaining NHGS's Groundwater Monitoring Network, and hydrologic modeling of NH rivers. He received his B.A. in Geology and Geological Oceanography from University of Rhode Island in 2008 and his M.S. in Geology from Idaho State University in 2011.

Fall Quarterly Meeting
Thursday, September 20, 2018

REGISTRATION FORM

Name: _____

Address: _____

Phone: _____

Email: _____

Check #: _____

Please Select One:

- _____ Statler Apple Walnut Chicken with Cheddar, Apple Glaze and Corn Bread
- _____ NY Sirloin with Garlic Demi-Glaze
- _____ Butternut Squash Ravioli with Cranberries and Hazelnuts (V)

REGISTRATION FEE – please circle

NHANRS Members	\$45.00
Students	\$45.00
Non-members	\$75.00

Please notify us two weeks in advance if you have any special needs, including dietary, so we can make the necessary arrangements.

Register online using PayPal
 at NHANRS.org or
 mail your registration form and check (payable to NHANRS) by September 10 to:

NHANRS
PO Box 110
Concord, NH 03302

No refunds for cancellations.
 Contact Amanda with questions.
 Email: assistant@nhans.org
 Phone: 603-224-0401