



2023 NH Envirothon

Aquatic Ecology

Resources

Climate Change and Wildlife

- 💧 [Climate Change and NH Wildlife \(ppt\)](#)
- 💧 [NHF&G Climate Change and Wildlife \(Webpage\)](#)

Dam Safety and Dam Removal

- 💧 [Dam Removal and River Restoration](#)
- 💧 [The Souhegan River Flood Control Sites of New Ipswich, NH](#)
- 💧 [Dams Help the NW Cope with Climate Change](#)
- 💧 [Climate Change Complicates the Whole Dam Debate](#)

Water Quality and Macroinvertebrates

- 💧 “An Image-Based Key To Stream Insects” , University of New Hampshire Center for Freshwater Biology”: <http://cfb.unh.edu/StreamKey/html/index.html>
 - A secondary image based key that provides additional images that may help you differentiate macroinvertebrate types.
- 💧 “BioSITE” curriculum, Children’s Discovery Museum of San Jose: <http://www.cdm.org/biosite/curriculum.html>
 - **Unit 8, Macroinvertebrates**, see the **Introduction to Macroinvertebrates** activity which includes brief intros to pollution tolerance, types of macros, adaptations and metamorphosis.
- 💧 [Interpreting VRAP Water Quality Monitoring Chemical Parameters](#)

Stream Dynamics and Geomorphology

💧 <https://www.youtube.com/watch?v=yyvT0wOuS2c>

💧 <https://www.youtube.com/watch?v=oxowZSjbGXE>

💧 <https://www.youtube.com/watch?v=54FEIjNcRU>

💧 <https://www.youtube.com/watch?v=E-nEAqe7gIU>

Climate Change, Floodplains and River Impacts

💧 As recently as October 2017, a very heavy rain event caused a house to fall into the Baker River at Warren, travel downstream and be destroyed when impacting a nearby bridge. View the video at this link, and specifically focus on the first 34 seconds:

<https://www.youtube.com/watch?v=nr--P9mGzjE>

Best Management Practices (BMP's)

💧 [Best Management Wetlands Practices \(BMWP's\) for Agriculture](#)