



Sinkhole Ecosystem Resources

Biddanda Laboratory: Microbial Ecology and Carbon Biogeochemistry

The microbial ecology and carbon biogeochemistry lab is focused on understanding the role microorganisms play in mediating ecosystem processes in the Great Lakes.

<https://www.gvsu.edu/wri/biddanda/>

Submerged Sinkhole Ecosystems of Northern Lake Huron

Further exploration of these relatively accessible underwater ecosystems presents new and exciting opportunities for microbial and geochemical studies that have the potential for discovery of novel organisms, biochemical compounds, and physiological processes.

<https://www.gvsu.edu/wri/biddanda/submerged-sinkhole-ecosystems-of-northern-lake-huron-7.htm>

Sinkhole Education and Outreach Links

<https://www.gvsu.edu/wri/biddanda/education-and-outreach-links-5.htm>

Lake Huron's Submerged Sinkholes

A visual exploration of unique aquatic ecosystems in the Laurentian Great Lakes.

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

Thunder Bay National Marine Sanctuary's Sinkholes

From July 2008 to July 2009, the Thunder Bay Sinkholes project team explored shallow and deep coastal sinkholes in order to understand the chemical and physical properties that contribute to the unique ecology found in these systems.

<https://oceanexplorer.noaa.gov/explorations/08thunderbay/welcome.html>

<https://oceanexplorer.noaa.gov/explorations/08thunderbay/background/edu/lessonplans.html>

Submerged Sinkhole Ecosystems in Northern Lake Huron

This data set includes two pages of data about submerged sinkholes in Lake Huron collected in September 2003.

<https://www.michiganseagrant.org/lessons/lessons/by-broad-concept/earth-science/data-sets/submerged-sinkhole-ecosystems-in-northern-lake-huron/>



Photo: NOAA HIHWNMS/ MMHSRP (Permit #932-1905)



Photo: Robert Schwemmer NOAA