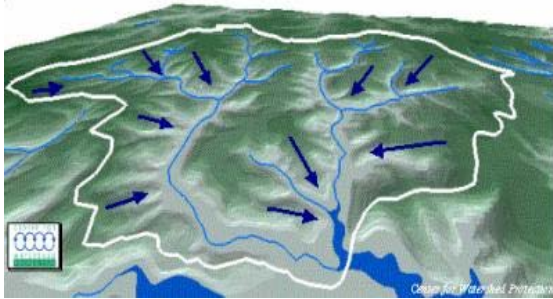


# The Lake Superior & Great Lakes Bathtub

6:30- 8:00 pm, Monday, February 12 ~ Portage Lake District Library

## 6:30 pm Introduction to Watersheds (Bathtubs!)

Discover how bathtubs are like watersheds, and why watersheds are important to know about! We'll examine the watershed of Huron Creek as a case study to learn about how watersheds are the first step to protecting the water quality of a stream or lake.



**Video:** *After the Storm* – so what is a watershed?

**Powerpoint presentation** – Where is the Huron Creek watershed?

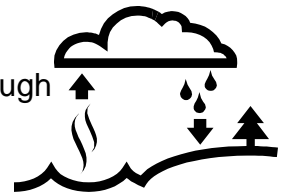
**Group Activity:** *More Than Just a Lake* using the Lake Superior floor map

## 7:00 pm Activity Stations for Elementary Students (20 min. per station)

(1) **3-D watershed floor model** – Label the parts of a watershed. How do you know if it's upstream or downstream? Find out what causes pollution in streams and lakes.

(2) **Where is all the water in the world?** – Working in small groups, how would you divide up all the water in the world (contained in a 2000-L pop bottle) amongst the places where its found on Earth---using cups labeled groundwater, lakes, rivers, atmosphere, ice.

(3) **Incredible Journey** – Roll the cube and become a water droplet moving through the water cycle. Does all water go up (evaporate) and does all rain fall down into lakes and oceans?



(4) **How Big Is A Crowd?** – How are U.S. and Canadian populations distributed along the five lakes? Which lake has the most people? Least people? Which Great Lake is best for fishing--- has the most fish? Least pollutants?

(5) **Great Lakes Geography** - ID major cities & states/provinces of Great Lakes using Great Lakes map poster or Great Lakes floor map.

## (6) Computer Exploration

(a) *Find out about watersheds of the world:*

<http://www.iucn.org/themes/wani/eatlas/html/index.html>

(b) *Great Lakes Shipping---Across the Country and Around the World*

*web module:* <http://techalive.mtu.edu/series.htm>



## 8:00 pm Set Sail for Home

Everyone is invited to attend library events and presentations are free.

The [Great Lakes program](#) series (every 2<sup>nd</sup> Monday) is hosted by Portage District Library and coordinated by the Western U.P. Center for Science, Mathematics and Environmental Education at Michigan Tech University, with funding from the Great Lakes Maritime Research Institute and Wege Foundation.