WHAT ABOUT OUR 3 RIVERS & STREAMS LOCALLY?

Points to teach our youth…

Maumee River's **natural** riverbank

Maumee River's **altered** riverbank

Save Maumee has worked to raise awareness through hands-on restoration projects on local riverbanks since 2005.

Look to upstream, downstream water quality; if land-use development plans may degrade groundwater or open water sources, it is a bad idea.

Name the one thing, they are not making any more of ~Land. Brad Frost

Dated print material is important for transparency & accountability of public officials who protect public health.

Thousands have lived without love; not one without water. ~ W.B. Auden

Use *Scientific Theory* and *Scientific Method* to teach critical thinking skills; if you want to educate and inspire others to be a catalyst of change.

Filthy water cannot be washed. ~ West African Proverb

~Join Our Efforts~

all events are rain or shine

SATURDAY 4-20-2013
Earth Day SET~UP
for Sunday 4-21 Earth Day!
9AM - 3PM

8th Annual **Save Maumee Earth Day**
HUGE Celebration & Plantings
Sunday **April 21st, 2013** 11AM-4PM
Hosey Dam & N. Anthony Bridge
North side of the Maumee River
Start @ INFO

6th Annual **Canoe Clean-Up**
Saturday **September 14, 2013**
at Fort Wayne Outfitters Bike Depot
11am-3pm

6th Annual **Seed Harvest**
Saturday **October 19th, 2013**
1-4PM @ Little Rivers Wetland Project

MONTHLY ACTION MEETINGS:
First Monday of every **month**
at Hall's Gas House, 305 E. Superior
7-8:30pm

Annual Member Meeting August 3 @6PM

Demonstration to represent the extreme importance of freshwater

A. *Take a piece of paper - this paper equals 100% of ALL the water on Earth*

B. *Rip off 2% of this piece of paper - this represents ALL the FRESHWATER in the world (put down the larger piece of paper=saltwater)*

C. *Rip off 10% of this (small) piece of paper - this represents UNAVAILABLE FRESHWATER due to glaciers & transpiration & atmosphere etc.*

D. *The remaining 2% in your hand (from step B) represents ALL the AVAILABLE FRESHWATER*

E. *Divided this small paper, that represents ALL AVAILABLE FRESHWATER, into 5…*

***1/5th** = #1 largest fresh water source in the world, & coveted water source - The Great Lakes*

***1/5th** = 2nd largest fresh water resource in the world - Lake Baikal in Russia*

***3/5ths** = how much available water the rest of the WORLD has to SHARE*

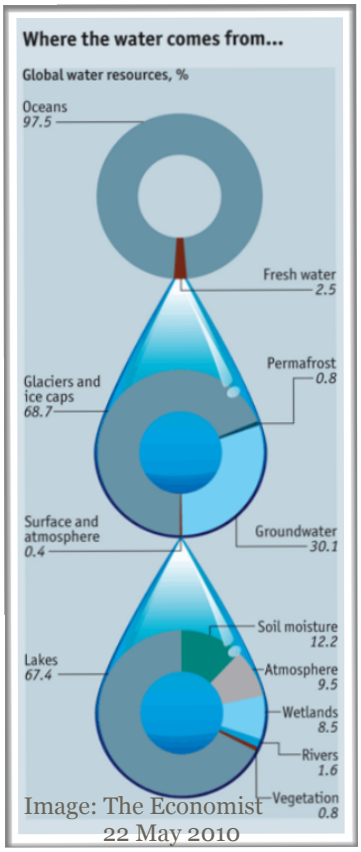

Image: The Economist
22 May 2010

Save Maumee Grassroots Org.
800 Glasgow Ave.
Fort Wayne, IN 46803
260.417.2500

SaveMaumee.Org

Blog.SaveMaumee.Org

Help us to speak for our Rivers…For our Rivers have no voice

How Trees and Grasses Help Water Quality

Vegetation

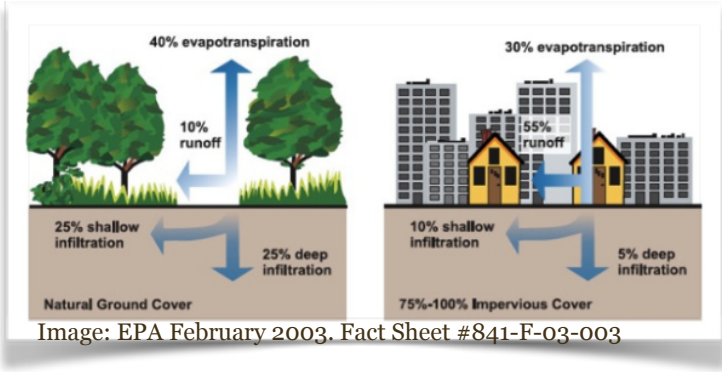

Image: EPA February 2003. Fact Sheet #841-F-03-003

- holds soil in place during rain and flooding so it does not float down the river or stream
- slows water down, by filtering it deep into the soil through the roots, naturally eliminating runoff
- holds water for a longer period of time, so the sediment / silt settles instead of eroding and causing sedimentation
- absorbs fertilizers and waste materials, removing excess nitrogen, nutrients, phosphorous, organic waste and toxins

•produce enzymes which break down toxic chemicals and also "eat" bacteria; improving water quality by using or retaining nutrients before it passes downstream which cause excessive algae blooms and bacterial growth.

•alleviates flooding since vegetation & trees capture, store and slowly release water, all while slowing destructive energy from fast moving, rising water, protecting stream banks and shore lines

- recharges groundwater, potentially reducing water shortages during dry spells
- reduces pools of standing, stagnant water that create breeding grounds for mosquitos to carry West Nile Virus to humans
- creates habitat for wildlife, providing food, breeding grounds and resting areas.
- increases opportunities for recreation equating to economic dollars—bird watching, waterfowl hunting, fishing, photography—and outdoor education.

Mowing these areas would be inappropriate. Native plants are adapted to climate & soil, while the animals in the region are adapted to those plants; Natives meaning previous to European decent.

SEDIMENTATION remains the #1 pollutant in *surface waters* (i.e. rivers, tributaries, streams).