

WELCOME!

While you wait please fill out the pre-workshop evaluation on the backside of the first sheet in your binder – Questions 10 -17 – Place an “X” on how you feel right now.



Introduce Yourself

- Name
- Where you are from
- What's your goal?

To protect and improve
Iowa's water quality
by raising citizen awareness
about Iowa's watersheds,
supporting and encouraging
the growth and networking of Iowa's volunteer
water monitoring communities, and
promoting water monitoring activities
as a means of
assessing and understanding
Iowa's aquatic resources.

The IOWATER Tenets

Citizen-based



This is **YOUR** program

The IOWATER Tenets

Focuses on

SOLUTIONS

NOT problems

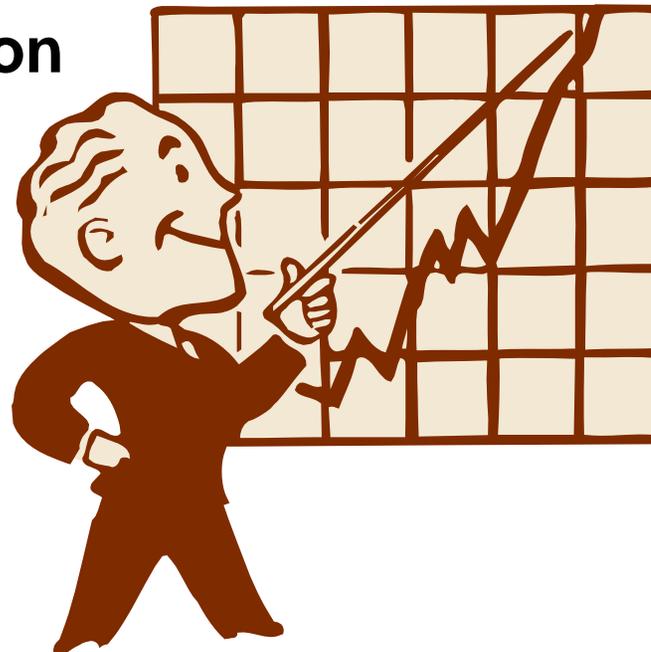
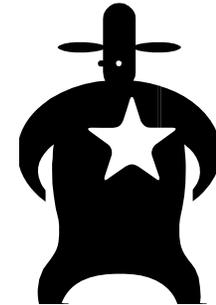


The IOWATER Tenets

Focuses on

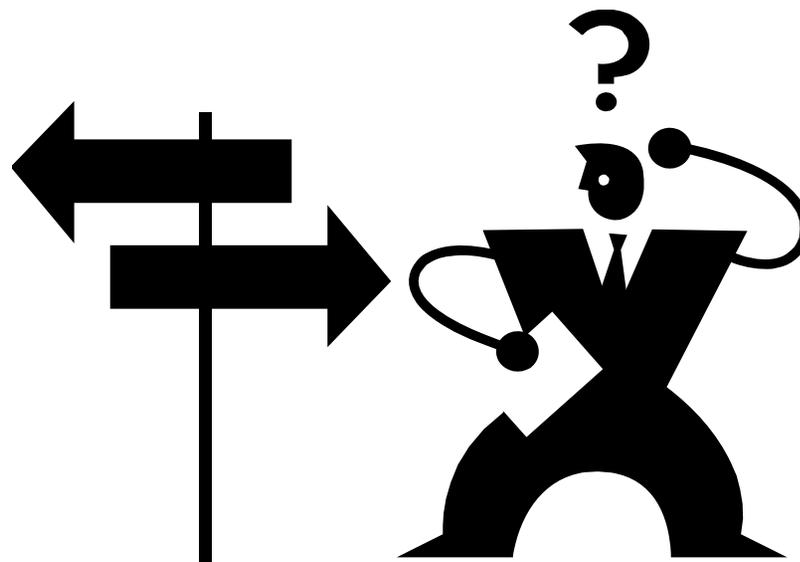
RESULTS

NOT regulation



The IOWATER Tenets

Flexible



You decide where, when, what, and why

The IOWATER Tenets

Partnerships

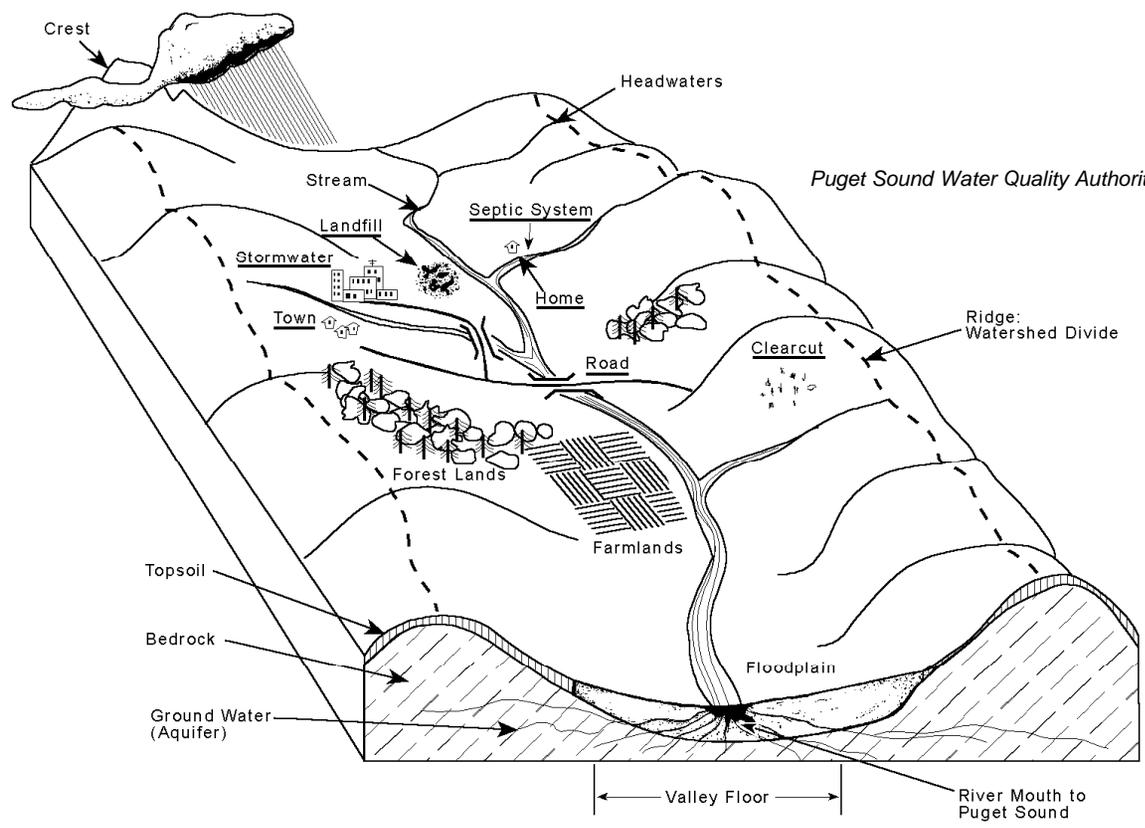


**&
YOU!**

The IOWATER i enets

Focuses on

Watersheds



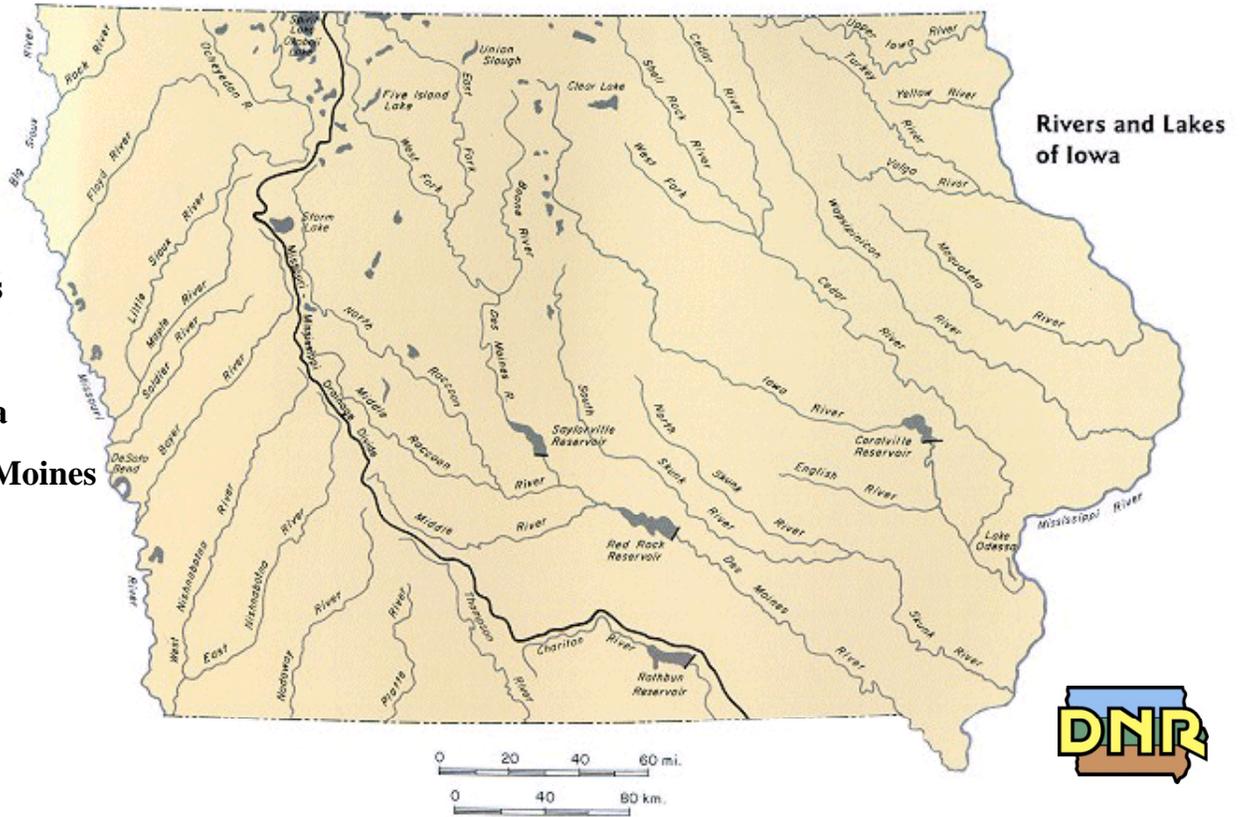
Puget Sound Water Quality Authority, 1989

Watersheds

What's your watershed address?

(What's a watershed...?)

- Mississippi River Watershed = United States**
- Upper Mississippi River Watershed = Iowa**
- Des Moines River Watershed = Central Iowa**
- Middle Des Moines River Watershed = Des Moines**
- Saylor Creek = State Capital**



The IOWATER Program

Introductory Workshop - 8hrs (streams or standing waters)

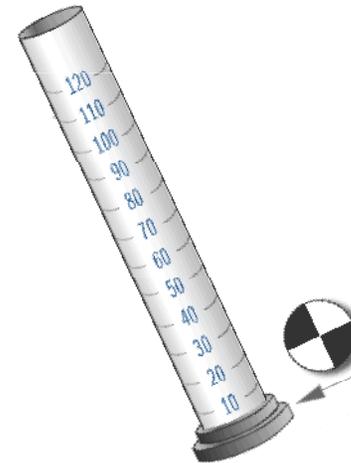
- Chemical
- Physical
- Habitat



Photo from University of Iowa Hygienic Lab

Biological Workshop - 8hrs

- Benthic Macroinvertebrates
- Habitat



Advanced Monitoring

- Bacteria
- Benthic Macroinvertebrates



Plan of Action

- On-site Training
- Testing Materials
- Written support materials
 - Manual & Newsletter
- Public Database
 - Trained Volunteers can submit data, anyone can view it online
- Ongoing Technical Assistance
 - Contact us!
 - Take an Advanced Workshop!
 - Yearly Recertification

IOWATER Code of Ethics

IOWATER Volunteers

monitor with integrity

- Good science
- Complete documentation
- Accept responsibility for data
- Truthfully answer questions
- Include others if part of a group



IOWATER Code of Ethics

IOWATER Volunteers

**develop good relations
with private landowners**

- Request written permission
- Explain monitoring plan and invite participation
- DO NOT harm public or private property
- Take responsibility for personal safety
- Share results

IOWATER Safety

- Have a “Buddy” or a team
- Let someone know where you are going & how long you will be gone
- Use caution when entering the water and walking down steep slopes
- Watch for High Flows!
- Only monitoring during daylight hours
- Wear waders or “river shoes”
- Watch for poison ivy, ticks & nettles
- Dress for the weather
- Wash up when you are done!

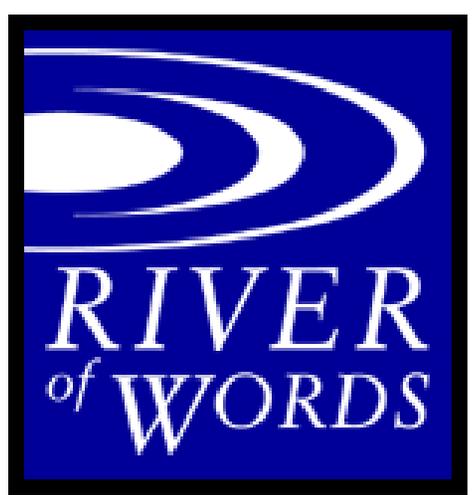
Life after the Introductory Workshop

**Biological Monitoring:
Benthic Macroinvertebrates!**
*Learn to Identify these common
aquatic inhabitants.*



Bacteria Monitoring
Learn to test for fecal contamination.

Other IOWATER Activities



Contact:

(www.iowater.net)

<http://www.iowadnr.gov/Environment/WaterQuality/WaterMonitoring/IOWATER.aspx>

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