



# Web-Based Watershed Tools for Grades 4-8

**Tabitha Chakwenya-Madzura & Vishal Rijhwani**

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# Purpose

- **Provide additional tools for elementary school science educators to**
  - **Enhance/improve science education library collections**
  - **Integrate watershed, natural resources and environmental education with science and socio-economic aspects**

# Relevance to Environmental Education and Missouri Show-me-Standards

Web-based information will assist teachers to enhance student's proficiency in the knowledge, skills and competencies by correlating activities listed in the *Missouri Show-Me Standards*:

- Enhance awareness and knowledge about natural resources and environmental benefits
- Facilitate development of skills, as children grow older, to identify and prevent nonpoint source pollution

# Target Audiences

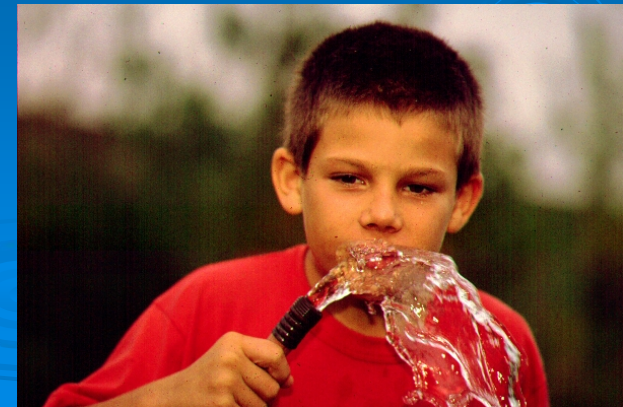


- 4-8<sup>th</sup> Grade Science, Environmental Agricultural Education Teachers
- 4-8<sup>th</sup> Grade Students
- Interested local citizens

# Project Description

## ➤ Web-based information includes:

- Nonpoint source pollution
- Stormwater
- Water usage around the house
- Water treatment plant
- The hydrologic cycle
- Water in/outside the house
- Question and answer for each



# Missouri Watershed Information Network

**Please copy and paste this url into your web browser  
to view interactive sites:**

**<http://outreach.missouri.edu/mowin/Project31903/interacmowin.html>**



# Location

- **E - Elk River Basin**
- **J - James River Basin**
- **NFS - North Fork Salt River Basin**
- **S - Sac River Basin**
- **SP - Spring River Basin**



# Implementation


- **Workshops (for teachers)**
- **Local watershed newsletters and brochures**
- **Participants: application of learned material**
- **2/3 undergraduate/graduate hours from local universities**

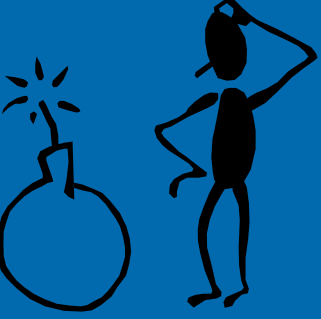


# Partners

- **James River Basin Partnership**
- **Watershed Committee of the Ozarks**
- **Missouri Department of Natural Resources**
- **Missouri Department of Conservation**

# Partners

- **The Bryant Watershed Atlas**
  - **Department of Elementary and Secondary Education**
  - **Environmental Protection Agency**
  - **University of Missouri Columbia**
  - **And many others**
- 



# Who cares?

## EVERYONE LIVES IN A WATERSHED



# Watershed Stewardship – Its our Responsibility



# Contact MoWIN

**Phone**                    **573-882-0085**

**Fax**                      **573-884-5650**

**Toll Free:**            **(MO only) – 1-877-H2O-SHED(426-7433)**

**E-mail**                **[mowin1@missouri.edu](mailto:mowin1@missouri.edu)**

**Website**              **<http://outreach.missouri.edu/mowin/>**

**Mail**                    **205 Ag. Engineering - Univ. of Missouri-  
Columbia, MO 65211- 5200**

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Columbia, MO 65211- 5200**

# Thanks

