Web-Based Watershed Tools for Grades 4-8

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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

- 4-8th Grade Science, Environmental Agricultural Education Teachers
- 4-8th 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
- 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 – It’s our Responsibility
Contact MoWIN

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Thanks