



CSREES

**Heartland**

Regional Water Quality Coordination Initiative

*Applying knowledge to improve water quality*



# Heartland Nutrient & Pesticide Management Web Site:

[www.oznet.ksu.edu/waterquality](http://www.oznet.ksu.edu/waterquality)

Nebraska City, NE ▪ June 6 - 8, 2006

# NPM Homepage



Applying knowledge to improve water quality

**Heartland**  
 Regional Water  
 Coordination Initiative

A Partnership of USDA CSREES  
 & Land Grant Colleges and Universities



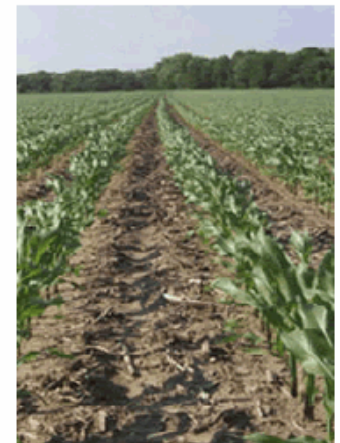
## Nutrient and Pesticide Management

- Nitrogen & Our Groundwater
- Nitrogen & Our Surface Water
- Phosphorus & Our Water
- Pesticides & Our Water
- Sediment & Surface Water
- Best Management Practices

- Home
- Search
- Objectives
- Events
- Nutrients
- Pesticides
- GIS Resources
- BMP's
- Contacts
- Agency Links
- Web Feedback

### Nutrient and Pesticide Management

*The Nutrient and Pesticide Management Theme Team* of the [Heartland Regional Water Quality Coordination Initiative](#) coordinates research-based information, education, and extension resources of the land-grant universities related to non-point source water pollution and management of agricultural nutrients and pesticides. Through strengthening of multi-state and interagency partnerships, the Heartland Initiative seeks to make these resources more accessible to federal, state, and local water quality improvement efforts in EPA Region 7. The Heartland region consists of • Kansas • Nebraska • Iowa and • Missouri. There are three priority themes for the region: • [Animal Manure Management](#), • [Community Involvement in Watershed Management](#), and • Nutrient and Pesticide Management. Please use the Nutrient and Pesticide Management Online Publications and Education Resources search feature as your source for research-based information, education, and extension resources regarding [Nutrient Management](#) and [Pesticide Management](#).



**Search Online Publications and Education Resources**

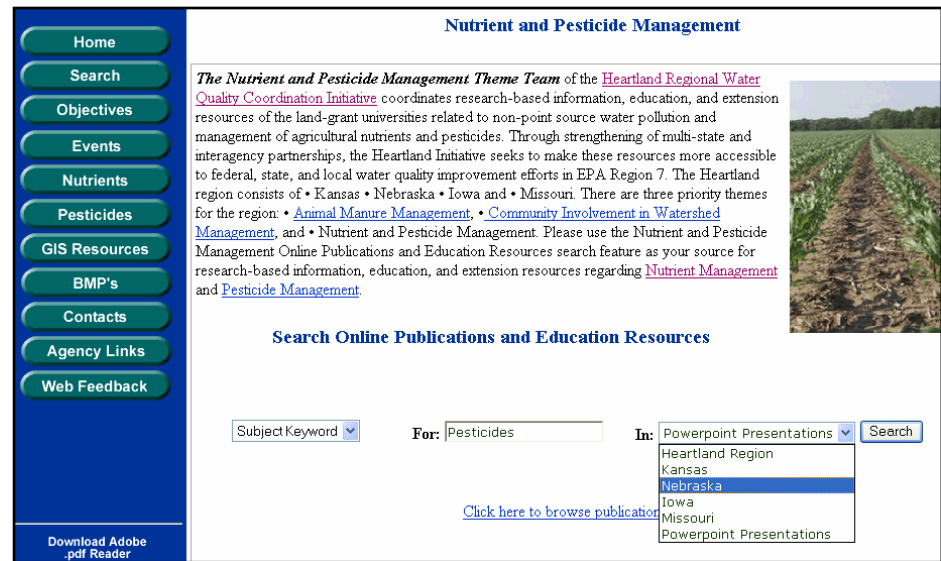


# WEB SITE FEATURES

## ➤ Search Mechanisms

### ❑ NPM Search Engine

- Publications available from all 4 states
- Searchable by:
  - Author
  - Keyword
  - Subject
  - Title
  - Location (IA, KS, MO, NE, or Region)

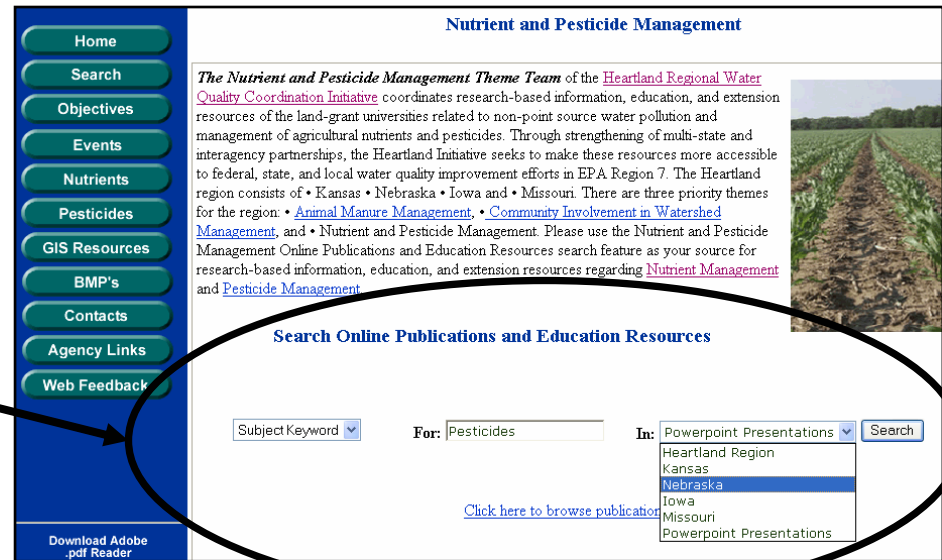


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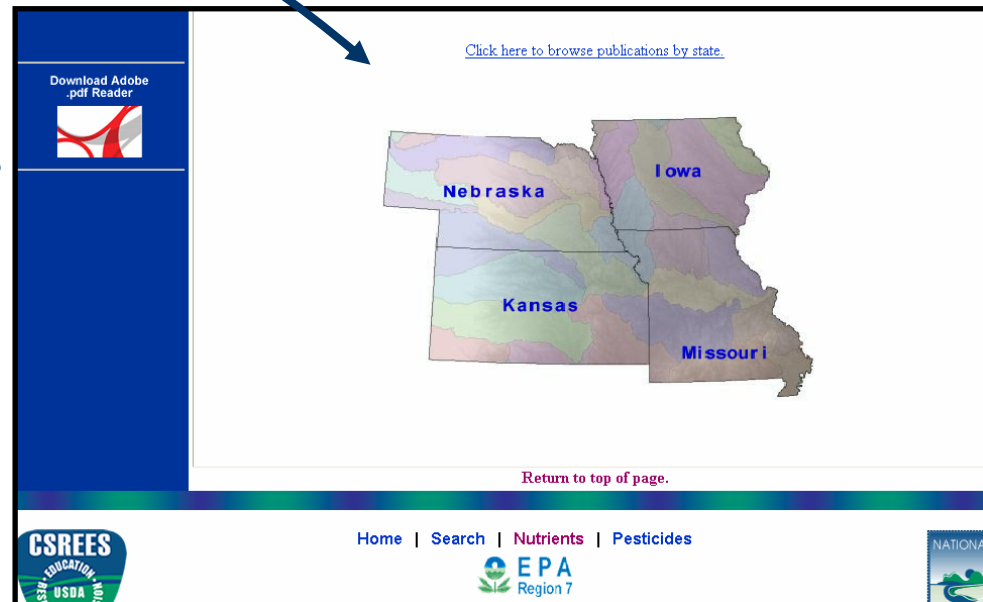
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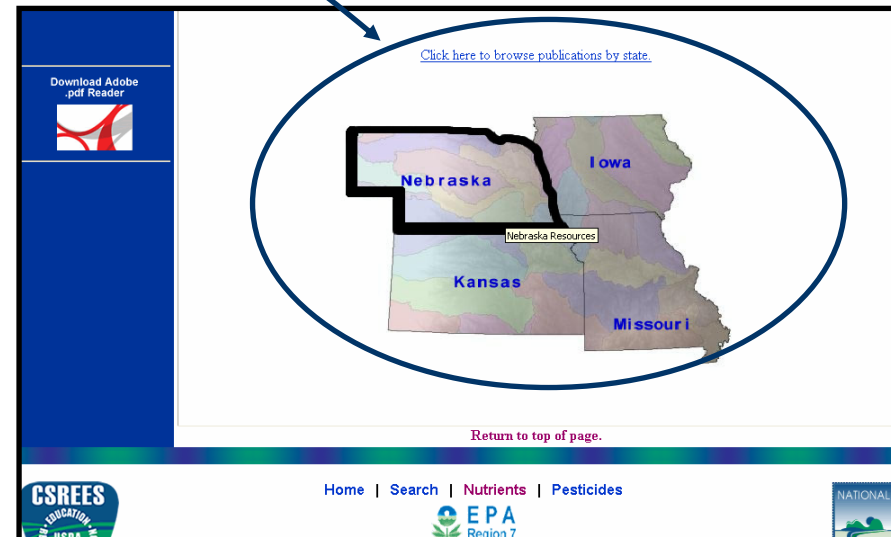
- ❑ Search by State
  - Comprehensive List of Resources
    - Extension Publications
    - Federal and State Agency Links



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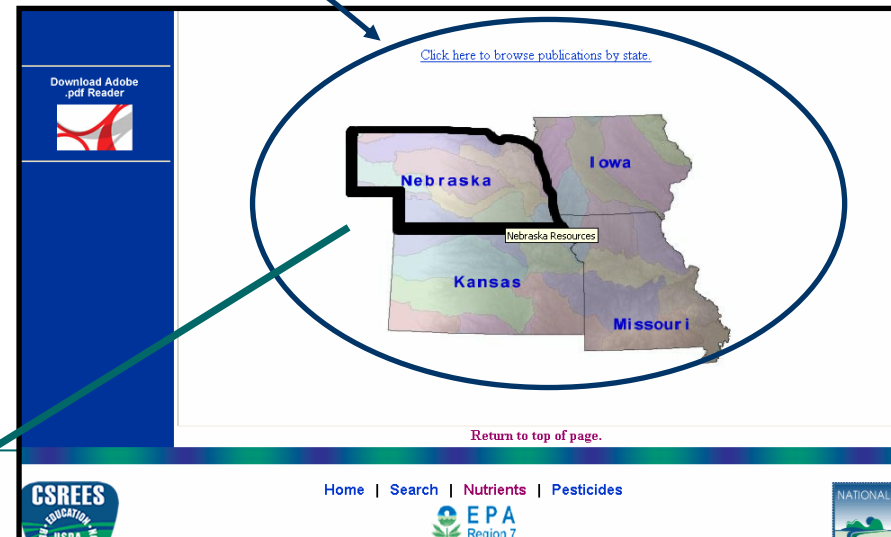


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<p><b>Events:</b></p> <p><b>P</b></p> <p><b>Mgt.</b></p> <p><b>S Water nce</b></p> <p><b>rs onnel</b></p>	<p><b>Nebraska</b>          University of Nebraska - Lincoln: <a href="#">Agricultural Research Division</a>,  <a href="#">Institute of Agriculture and Natural Resources (IANR)</a>, <a href="#">Cooperative Extension</a>  <a href="#">Nebraska Publications</a>  <a href="#">Nebraska Research</a> (Links to NE soil fertility &amp; nutrient management publications)  <a href="#">Nebraska Natural Resources Conservation Service (NRCS)</a>          Agricultural Research Service (ARS): <a href="#">water</a>, <a href="#">soil</a>, <a href="#">farming systems</a>,  <a href="#">manure and byproduct utilization</a>  <a href="#">Nebraska Department of Environmental Quality</a>  <a href="#">Nebraska Department of Natural Resources</a>  <a href="#">Nebraska Department of Agriculture</a>  <a href="#">Nebraska Environmental Trust</a></p> <p><b>Iowa</b>          Iowa State University: <a href="#">Extension</a>, <a href="#">Experiment Station</a></p>
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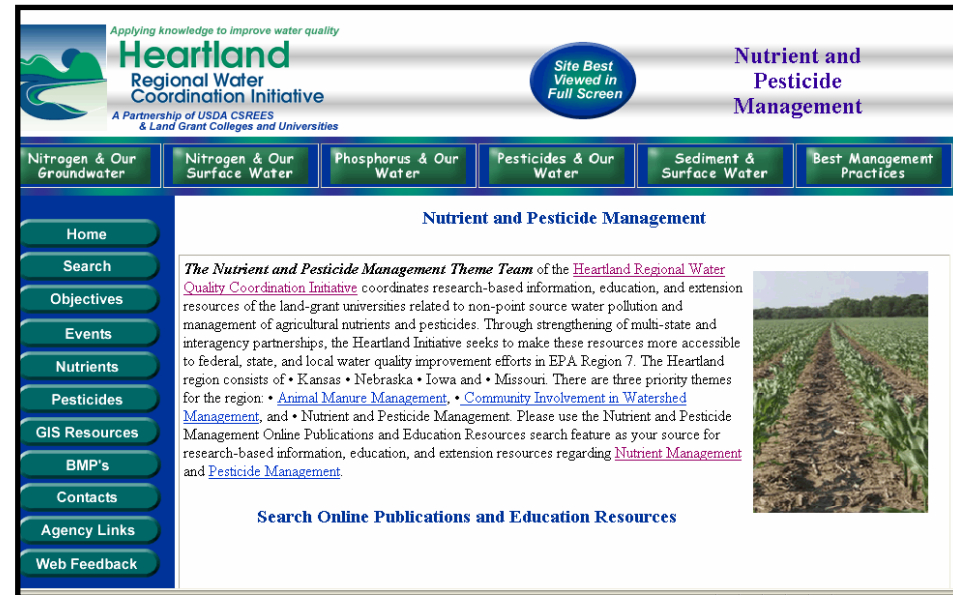
## ➤ Research Briefs

### ☐ Topics:

- N and Our Groundwater
- N and Our Surface Water
- P and Our Water
- Pesticides and Our Water
- Sediment and Surface Water
- Best Management Practices

### ☐ Pages include:

- Research Brief
- Education Resources
- Extension Publications
- Scientific Review Articles



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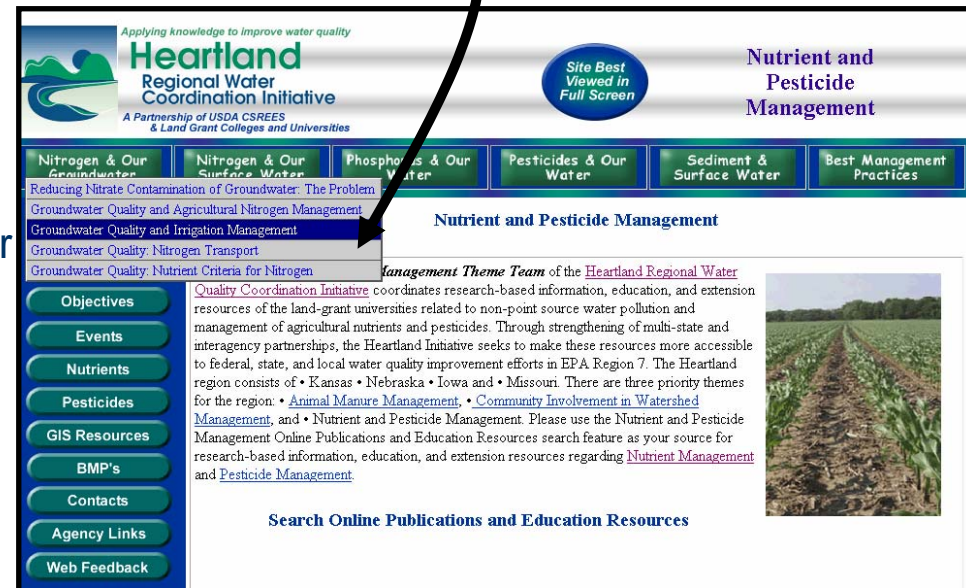
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# WEB SITE FEATURES

## ➤ Workshops & Events

- ☐ Connect in Navigation Bar

The screenshot shows the website's navigation bar with the following elements:

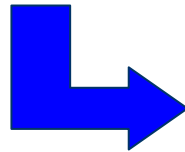
- Logo: **Heartland** Regional Water Quality Coordination Initiative. A Partnership of USDA CSREES & Land Grant Colleges and Universities. Tagline: *Applying knowledge to improve water quality*.
- Buttons: Nitrogen & Our Groundwater, Nitrogen & Our Surface Water, Phosphorus & Our Water, Pesticides & Our Water, Sediment & Surface Water, Best Management Practices.
- Left sidebar menu: Home, Search, Objectives, **Events** (circled), Nutrients, Pesticides, GIS Resources, BMP's, Contacts, Agency Links.
- Right sidebar: Site Best Viewed in Full Screen, Nutrient and Pesticide Management.
- Main content area: **Workshops and Events**
  - [Upcoming Heartland Region Events](#)
  - [Heartland Regional Water Quality Conference](#)
  - [2004 Phosphorus Best Management Practices Workshop](#)
  - [2005 Nitrogen Best Management Practices Workshop - February Nitrogen Roundtable](#)
  - [Livestock Waste Management Training](#)
  - [2006 USDA-CSREES National Water Quality Conference - NEW!](#)
  - [Return to top of page.](#)
- Image: A photograph of a workshop or conference session.



# WEB SITE FEATURES

## ➤ Workshops & Events

- ☐ Connect to Heartland Regional Events



Applying knowledge to improve water quality  
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Site Best Viewed in Full Screen

Nutrient and Pesticide Management

Nitrogen & Our Groundwater | Nitrogen & Our Surface Water | Phosphorus & Our Water | Pesticides & Our Water | Sediment & Surface Water | Best Management Practices

Home | Search | Objectives | Events | Nutrients | Pesticides | GIS Resources | BMP's | Contacts | Agency Links | Web Feedback

### Upcoming Heartland Events

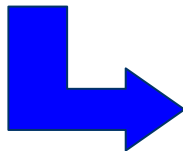
HEARTLAND ISSUE TEAM	EVENT / WORKSHOP	DATE	LOCATION
Heartland Regional Water Quality Coordination Initiative	<a href="#">Heartland Regional Water Quality Conference</a>	Oct 26-28, 2005	DoubleTree Hotel - Overland Park, KS
Nutrient and Pesticide Management	Pesticides Roundtable - Agenda -	Jan. 24-25, 2006	Lied Lodge Nebraska City, NE
Nutrient and Pesticide Management	Pesticides Workshop - Agenda -	June 6-8, 2006	Lied Lodge Nebraska City, NE

[Other Upcoming Heartland Events...](#)

# WEB SITE FEATURES

## ➤ Workshops & Events

- ❑ Connect to Nutrient and Pesticide Management Team Workshops & Events



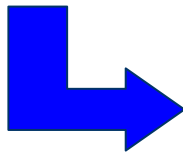
Search	<b>HEARTLAND REGION NITROGEN BEST MANAGEMENT PRACTICES WORKSHOP JUNE 7-9, 2005 - NEBRASKA CITY, NE</b>
Objectives	The Heartland Water Quality Coordination Initiative's Nutrient and Pesticide Management (NPM) Team hosted a Nitrogen Best Management Practices (BMPs) Workshop at the Lied Lodge and Conference Center, located at the Arbor Day Farm in Nebraska City, NE. The Nitrogen BMP Workshop was held June 7-9, 2005.
Events	The objective of the June workshop was to compile and evaluate nitrogen BMP information. A regional roundtable addressing nitrogen issues was held for university faculty, ARS researchers, and EPA staff in January 2005 to report on the latest research findings, current projects, and future research. The June workshop was a follow-up of the January roundtable.
Nutrients	The NPM team hosted a workshop regarding phosphorus BMPs in June 2004, in which approximately 63 individuals attended. The Nitrogen Workshop in 2005 had a total of 64 individuals participate and the team plans to address pesticide issues in 2006.
Pesticides	<b>WORKSHOP INFORMATION AND PRESENTATIONS:</b>
IS Resources	<a href="#">Workshop Agenda</a> <a href="#">Workshop Participants</a>
BMP's	<i>Workshop Speakers and Presentations:</i>
Contacts	<b>Nitrogen BMPS - Day 1:</b>
Agency Links	<ul style="list-style-type: none"> <li>• <a href="#">Dan Devlin</a>, Kansas State University - Nutrient and Pesticide Management Team.</li> <li>• <a href="#">Don Huggins</a>, Central Palms center for BioAssessment, KU - <a href="#">Regional and National N Issues</a>. Power Point Presentation.</li> <li>• <a href="#">Mahdi Al-Kaisi</a>, Iowa State University - Understanding the Impact of Agricultural Management Practices on N Utilization Interaction of Tillage, N Sources, and N Rates.</li> <li>• <a href="#">Mark Tomer</a>, USDA-ARS - <a href="#">Assessing Agricultural Losses of N to Water and Air</a>. Power Point Presentation.</li> </ul>
Web Feedback	
Download Adobe .pdf Reader	



# WEB SITE FEATURES

## ➤ Workshops & Events

- ❑ Connect to Nutrient and Pesticide Management Team Workshops & Events



Search

Objectives

Events

Nutrients

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**HEARTLAND REGION NITROGEN  
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[www.oznet.ksu.edu/waterquality](http://www.oznet.ksu.edu/waterquality)

# WEB SITE FEATURES

## ➤ Workshops & Events

### ☐ Brief Summary



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## ➤ Workshops & Events

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# WEB SITE FEATURES

## ➤ GIS & Spatial Resources for Nutrient Planning

- ❑ General information on GIS and it's uses.
- ❑ IA, KS, MO and NE GIS and spatial data resources
  - Links to NRCS Technical Resources
  - Mapping web sites

**GIS and Spatial Nutrient Planning Resources**

STATE RESOURCES

The GIS and Spatial information provided below for Iowa, Kansas, Missouri and Nebraska are made available with the purpose of developing, storing, processing and managing natural resources data relating to land and water quality. The sources listed for each state can be helpful when used for Nutrient Management Planning.

[What is GIS?](#) This site offers a variety of GIS resources.

[GIS in Region 7 - EPA](#)

[Iowa](#)

[Kansas](#)

[Missouri](#)

[Nebraska](#)

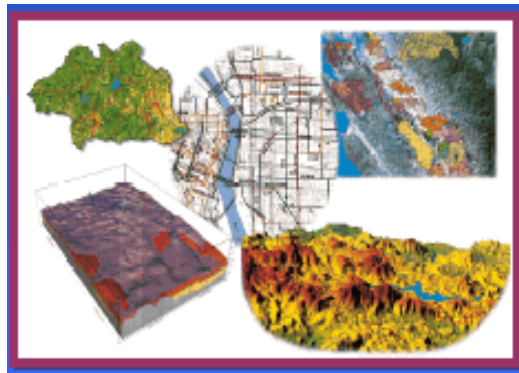
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  - Can be found under publications

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## ➤ NPM Reports

- Team Fact Sheets
  - Accomplishments, Future Plans, etc.
  - PDF files – Can be printed and distributed as deemed necessary
- Phosphorus Publication
- Nitrogen Publication, and future pubs will be added upon completion.

# REGIONAL WEBSITE



Applying knowledge to improve water quality

**Heartland**  
Regional Water  
Coordination Initiative  
Partnership of USDA CSREES  
& Land Grant Colleges and Universities

Regional Programs   Animal Manure Management   Community Involvement in Watershed Management   Nutrient & Pesticide Management

Search this site:  
   
Search Nutrient & Pesticide Management

## Regional Water Coordination Initiative

**Region Home**

**News and  
Newsletters**

**Events**

**Project Leadership**

**Heartland Water  
Quality Sites**

**Partners**

**Issue Teams**

### Region Home

The Heartland Regional Water Coordination Initiative is a partnership of Iowa State University, Kansas State University, the University of Missouri, and the University of Nebraska-Lincoln, the USDA Cooperative State Research, Education and Extension Service and U S EPA Region 7.

The Heartland Initiative creates and strengthens multi-state, multi-institutional partnerships and collaboration to make research, education and extension resources of the land grant universities more accessible to federal, state and local efforts on regional priority water issues.

Current priorities for the Initiative are water quality issues related to animal manure management, nutrient and pesticide management, citizen involvement in watershed management, and capacity-building for extension programs and partners at the state and regional level.

Visit the Priority Issues Web sites for water quality information, resources, contacts, news and events.



# REGIONAL WEBSITE



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- News and Newsletters
- Events
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- Heartland Water Quality Sites
- Partners
- Issue Teams

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**The Heartland Regional Site address:  
[www.heartlandwq.iastate.edu/](http://www.heartlandwq.iastate.edu/)**



# REGIONAL WEBSITE

Can easily Link to each team's site from this location.



- Region Home
- News and Newsletters
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# Future Website Features

- **Glossary of Water Quality Terms**
- **Acronym Glossary by State**



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# QUESTIONS??

