



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 7 - 9, 2005

# WEB SITE FEATURES

## ➤ Search Mechanisms

### ☐ NPM Search Engine

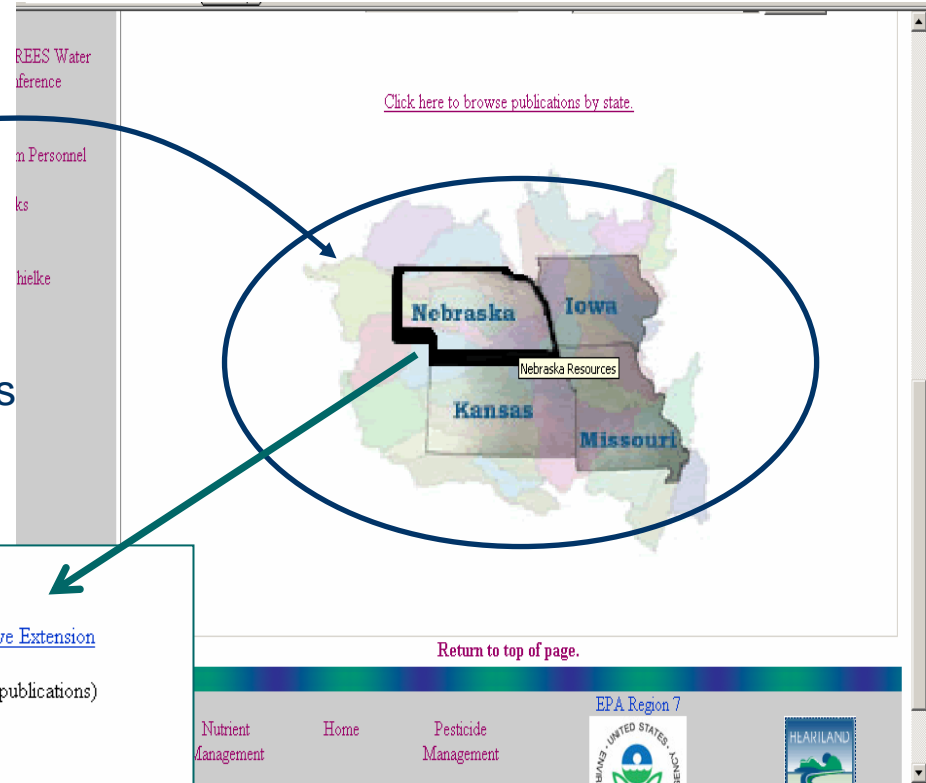
- Publications available from all 4 states
- Searchable by:
  - Author
  - Keyword
  - Subject
  - Title
  - Location (IA, KS, MO, NE, or Region)

The screenshot shows the website interface with a navigation bar at the top containing tabs for Groundwater, Surface Water, Water, Water, Surface Water, and Practices. A sidebar on the left lists various menu items such as Home, Search, Objectives and Action Plans, Nutrient Management, Pest Management, Theme Priorities, Nutrient Criteria, Workshops & Events, Livestock/Waste Mgt. Training, USDA-CSREES Water Quality Conference, and Contacts. The main content area is titled "Nutrient and Pesticide Management Theme" and contains a paragraph of text about the theme team's mission. To the right of the text is a photograph of a cornfield. Below the text is a search form with the following fields: "Subject Keyword" (a dropdown menu), "For:" (a text input field containing "Phosphorus"), "In:" (a dropdown menu with a list of states: Heartland Region, Kansas, Nebraska, Iowa, Missouri, and Powerpoint Presentations), and a "Search" button. A blue oval highlights the search form, and a blue arrow points from the "Searchable by" list to the "Subject Keyword" dropdown.

# WEB SITE FEATURES

## ➤ Search Mechanisms

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



<p><i>Events:</i></p> <p><i>P</i></p> <p><i>Mgt.</i></p> <p><i>S Water ce</i></p> <p><i>rsonnel</i></p>	<p><b>Nebraska</b></p> <p>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></p> <p>Iowa State University: <a href="#">Extension</a>, <a href="#">Experiment Station</a></p>
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# WEB SITE FEATURES

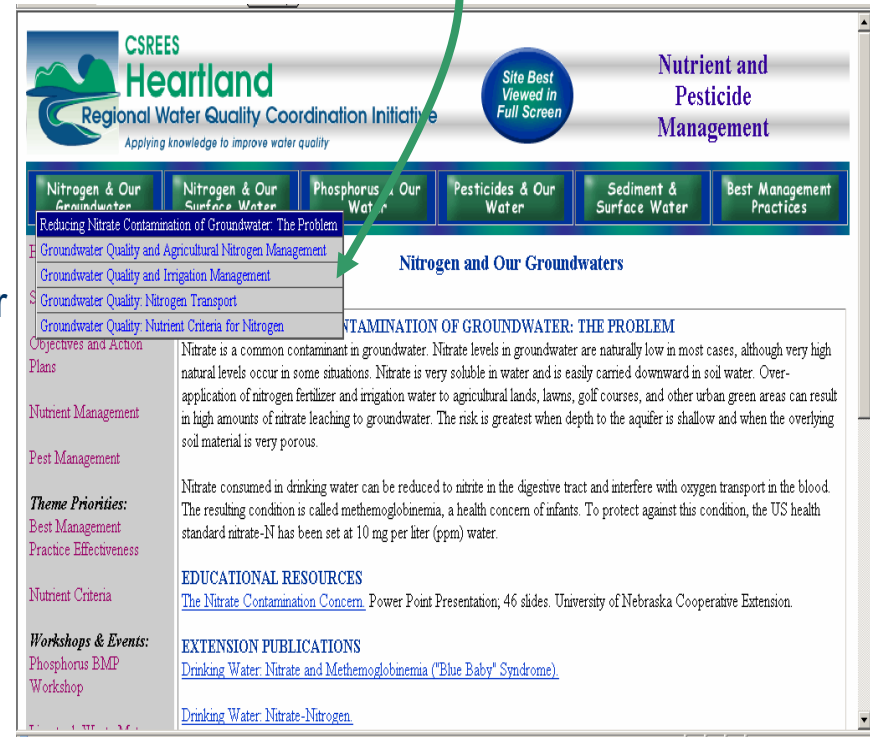
## ➤ Research Briefs

### ☐ 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:

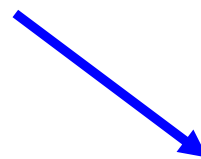
- Research Brief
- Education Resources
- Extension Publications
- Scientific Review Articles



# WEB SITE FEATURES

## ➤ Workshops & Events

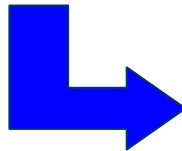
- ☐ Connect in Navigation Bar




# WEB SITE FEATURES

## ➤ Workshops & Events

- ☐ Connect to Heartland Regional Events



Home  
 Search  
 Objectives  
 Workshops & Events  
 Nutrient Management  
 Pest Management  
 GIS & Spatial Nutrient Planning Resources  
**Theme Priorities:**  
 Best Management Practice Effectiveness  
 Nutrient Criteria  
**Contacts:**  
 Theme Team Personnel  
 Agency Links  
**Web Site:**  
 Amanda Schielke

### Upcoming Heartland Events

HEARTLAND ISSUE TEAM	EVENT / WORKSHOP	DATE	LOCATION
Nutrient and Pesticide Management	<a href="#">Nitrogen Best Management Practices Workshop</a>	June 7-9, 2005	Lied Lodge - Nebraska City, NE
<a href="#">Community Involvement in Watershed Management</a>	Conflict Management Workshop	June 9-10, 2005	Lied Lodge - Nebraska City, NE
Heartland Regional Water Quality Coordination Initiative	Heartland Regional Water Quality Conference	Oct. 26-28, 2005	DoubleTree Hotel - Overland Park, KS

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

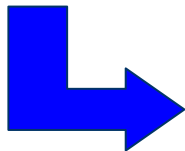



[Return to top of page.](#)

# WEB SITE FEATURES

## ➤ Workshops & Events

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



<p><a href="#">Search</a></p> <p><a href="#">Objectives</a></p> <p><a href="#">Workshops &amp; Events</a></p> <p><a href="#">Nutrient Management</a></p> <p><a href="#">Pest Management</a></p> <p><a href="#">GIS &amp; Spatial Nutrient Planning Resources</a></p> <p><b>Theme Priorities:</b></p> <p><a href="#">Best Management Practice Effectiveness</a></p> <p><a href="#">Nutrient Criteria</a></p> <p><b>Contacts:</b></p> <p><a href="#">Theme Team Personnel</a></p> <p><a href="#">Agency Links</a></p> <p><b>Web Site:</b></p> <p><a href="#">Amanda Schielke</a></p>	<div style="text-align: center; border: 2px solid blue; border-radius: 50%; padding: 5px; margin-bottom: 10px;"> <p>HEARTLAND REGION NITROGEN            BEST MANAGEMENT PRACTICES WORKSHOP            JUNE 7-9, 2005 - NEBRASKA CITY, NE</p> </div> <p>The NPM team hosted a workshop regarding phosphorus BMPs in June 2004, in which approximately 75 individuals attended. The NPM team is focusing on nitrogen in 2005 and plans to compile and evaluate nitrogen BMP information at the June 7-9 workshop. A regional roundtable 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. This June workshop is a follow-up of the January roundtable in which extension faculty, NRCS, EPA, and other agency personnel will be participating.</p> <p><u><a href="#">Workshop Agenda - In Draft form, updates issued as they are made available.</a></u></p> <div style="border: 2px solid red; border-radius: 50%; padding: 5px; margin: 10px 0;"> <p><u><a href="#">Directions - Lied Lodge &amp; Conference Center, Nebraska City Best Western</a></u></p> </div> <p>A summary of the Nitrogen Workshop, including presentations will be made available following the workshop.</p> <div style="text-align: center; margin: 10px 0;"> <p><b>NITROGEN BEST MANAGEMENT PRACTICES ROUNDTABLE</b>  <b>JANUARY 26-27, 2005 - NEBRASKA CITY, NE</b></p> </div> <p>The Heartland Water Quality Coordination Initiative's Nutrient and Pesticide Management (NPM) Team hosted a Nitrogen Best Management Practices (BMPs) Roundtable at the Lied Lodge and Conference Center, located at the Arbor Day Farm in Nebraska City, NE. This roundtable was held on January 26-27, 2005.</p> <p>The Nitrogen Roundtable consisted of about 30 <a href="#">participants</a> from IA, KS, MO, and NE. These participants included university researchers and state and federal agency personnel. The NPM team hosted a similar Roundtable in 2004 regarding Phosphorus BMPs and plan to do the same for pesticides in 2006. Each of these roundtables will be followed by a summer workshop. This workshop is designed to discuss roundtable issues and to establish implementation procedures throughout the state and county levels.</p>
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# WEB SITE FEATURES

## ➤ Workshops & Events

- Brief Summary
- NEW! Information Sheets**
- Meeting Agenda
- Participants
  - Connect to their home page or email
- Presentations
  - Power Points

**HEARTLAND REGION PHOSPHORUS  
BEST MANAGEMENT PRACTICES WORKSHOP  
JUNE 8-10, 2004 - NEBRASKA CITY, NE**

The Heartland Water Quality Coordination Initiative's Nutrient and Pesticide Management (NPM) Team hosted a Best Management Practices (BMPs) Workshop at the Lied Lodge and Conference Center, located at the Arbor City, NE. The workshop was held on June 8th, 9th, and 10th of 2004.

The June Phosphorus Workshop followed a February 2004 Phosphorus Roundtable meeting of approximately 60 participants that addressed phosphorus pollution issues in the region. The February meeting reported the latest findings on BMPs and a workshop was designed to relay that information and to formulate tentative plans for application in each state. 63 participants from the states of Iowa, Kansas, Missouri and Nebraska; including employees from the county levels.

The NPM Team plans to host similar roundtables and workshops in regards to Nitrogen in 2005, and Pesticide meetings will also compile information and evaluate BMPs for Nitrogen and Pesticides, respectively.

Workshop Information and Presentations are listed below.

**Phosphorus Workshop Information Sheets:**

- [Effectiveness of Phosphorus Best Management Practices for Agriculture](#)
- [Best Management Practices for Agriculture - Watershed Modeling and Field Drainage Systems](#)
- [The Phosphorus Indexes in the Heartland Region](#)

[Workshop Agenda](#)

[Workshop Participants](#)

**Workshop Speakers and Presentations:**

GARY PIERZYNSKI, KANSAS STATE UNIVERSITY

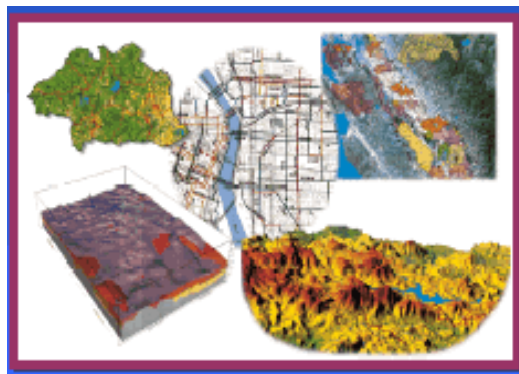
- Objectives
- Workshops & Events
- Nutrient Management
- Pest Management
- GIS & Spatial Nutrient Planning Resources
- Theme Priorities:**
- Best Management Practice Effectiveness
- Nutrient Criteria
- Contacts:**
- Theme Team Personnel
- Agency Links
- Web Site:**
- Amazda Schielke



# 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



# WEB SITE FEATURES

## ➤ Reports Available

- ❑ Current Research Information System (CRIS) Reports
  - Available for all 4 states
  - Can be found under publications

## ➤ NPM Reports

- ❑ Team Fact Sheets
  - Accomplishments, Future Plans, etc.
  - PDF files – Can be printed and distributed as deemed necessary
  - Found under Objectives and Action Plans
- ❑ White Papers (will be added upon completion)

# REGIONAL WEBSITE



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

- Nutrient & Pesticide Management
- Community Involvement in Watershed Management
- Animal Manure Management
- Heartland Regional Home

**Home**

About Regional Initiative

Contacts

Reports

Multi-State Initiatives & Events

Links

Staff Only

## Regional Water Quality Coordination Initiative

The Heartland Regional Water Quality Coordination Initiative coordinates research-based information, education and extension resources of the land-grant universities as related to water quality and the management of agricultural nonpoint source pollutants.

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.

Current priorities for the program are water quality issues related to animal manure management, nutrient and pesticide management, and citizen involvement in watershed management.

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

- Animal Manure Management
- Nutrient and Pesticide Management
- Community Involvement in Watershed Management

coming soon

**FIND RESOURCES**

**EPA Region 7**

**IOWA STATE UNIVERSITY**

**K-STATE**  
Kansas State University

**University of Missouri Columbia**

**UNIVERSITY OF NEBRASKA**



# REGIONAL WEBSITE

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



- Nutrient & Pesticide Management
- Community Involvement in Watershed Management
- Animal Manure Management
- Heartland Regional Home

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- About Regional Initiative
- Contacts
- Reports
- Multi-State Initiatives & Events
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- [Nutrient and Pesticide Management](#)
- [Community Involvement in Watershed Management](#)

coming soon

**FIND RESOURCES**

EPA Region 7

IOWA STATE UNIVERSITY

K-STATE  
Kansas State University


University of Missouri Columbia

UNIVERSITY OF NEBRASKA




# REGIONAL WEBSITE

**NPM Theme  
 Team Site.**



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

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Objectives

Workshops & Events

Nutrient Management

Pest Management

GIS & Spatial Nutrient  
Planning Resources

**Theme Priorities:**  
 Best Management  
 Practice Effectiveness

Nutrient Criteria

**Contacts:**

### Nutrient and Pesticide Management Theme

*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**

Free Text

▼


For:

In:

Heartland Region

▼

Search





# WEB PRESENTATIONS

- **2004 Educational Materials Award**
  - ❑ Awarded to the team at the 2004 ASA Meeting
  
- **Poster**
  - ❑ Poster describing the website was displayed at the *2005 National CSREES Conference* in La Jolla, CA
  
  - ❑ Poster displayed at the *Future of Kansas Water Conference*



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# QUESTIONS??

