

The National Water Quality Program

A Regionally-Based National Network

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Committee for Shared Leadership for Water Quality (CSL-WQ)

✍ Working group composed of reps from each of the 10 regional projects, CSREES, and important internal partners.

✍ **Primary Goal:**

To foster a national water quality program through the network of regionally-based projects (406) and professionals.

History of Water Quality Program Management

- 1989 - 98** Presidential Water Quality Initiative (HUA's, Demo's).
State/Federal linkage loosely coordinated through state water quality contacts.
- 1998** National WQ Planning Meeting – Kansas City, Mo. Developed strategy; defined program goals.
Created a leadership structure - National Advisory Leadership Team (NALT).
- 2000 - 01** Elimination of Smith-Lever 3(d) funding (base).
Implement 406 Integrated WQ Grants Program.
- 2002** Form the Committee for Shared Leadership for Water Quality (CSL-WQ).

AREERA Sec. 406 Integrated Water Quality Grants Program

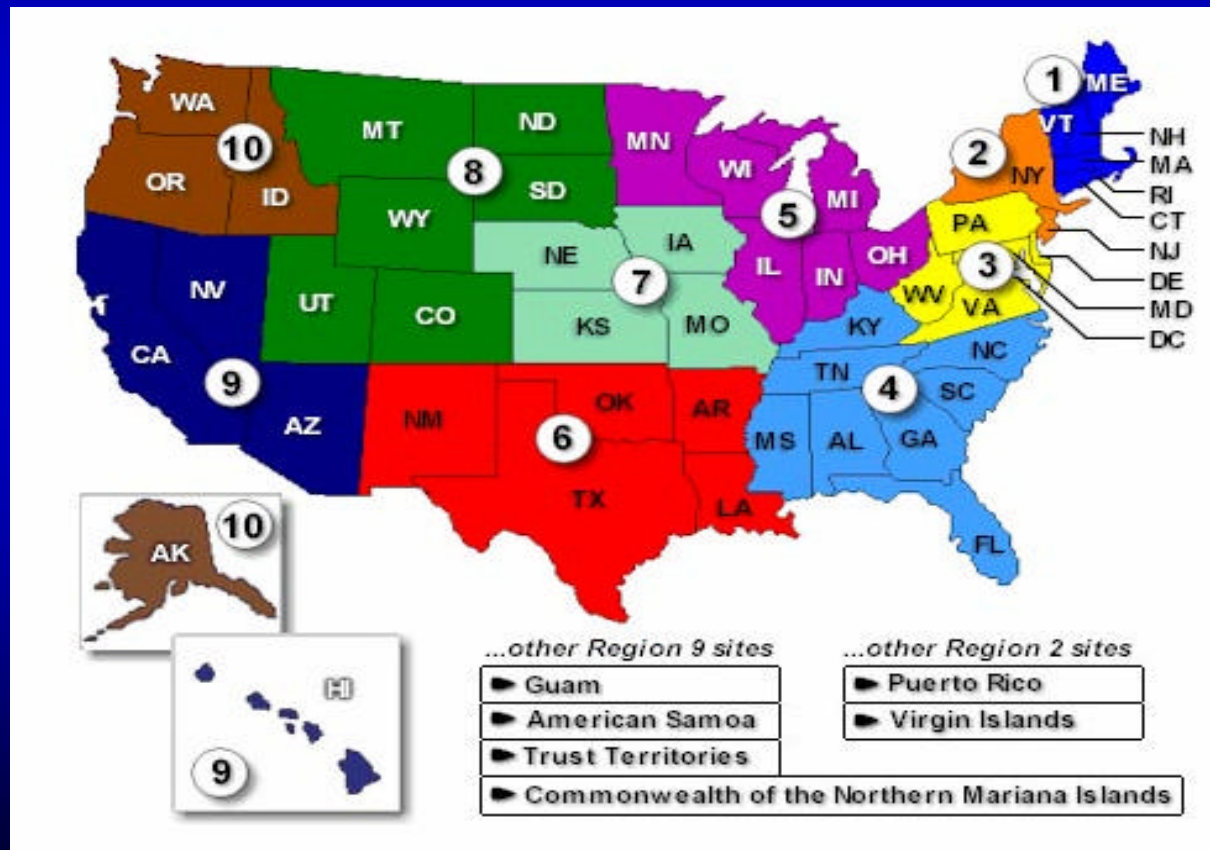
✍ Established a **competitive** grants process for USDA-CSREES water quality funding.

4 major funding categories:

- **Extension Education projects**
- **Integrated Research, Extension, & Education projects**
- **National Facilitation projects**
- **Regional Coordination projects**

Regional Coordination Projects

✍️ 10 Regions consistent with the EPA regional structure.



Regional Coordination Projects

Primary goals:

- **Promote regional information sharing and resource exchange.**
 - Facilitate delivery of LGU resources (research, extension, education) to clientele.
- **Establish/maintain important partnerships.**
 - State and regional levels.
 - State and Federal agencies.
- **Contribute to a National Program.**

Regional Coordination

Information sharing and resource exchange.

- **Contact lists, list-serves, teleconf., etc.**
- **Multi-state and regional training events (stormwater, stream restoration)**
- **Multi-state projects (406, EPA, etc.)**
- **Regional WQ databases**
- **Regional conferences**

Regional Coordination

Partnership Efforts

Internal:

- Integration – extension, research, and education
- Water Resources Institutes
- Sea Grant Programs – joint positions, collaborative research/education projects

External:

- EPA – Regional Liaisons (1, 2, 4, 5, 7, 8, 9, 10)
- NRCS, USGS, NASA, NOAA, BLM, COE, DOD, etc.

Regional Projects



National Program

✍ Washington, DC (May & Nov.), Denver (Aug. 2002), Tucson (Jan. 2003), Washington, DC (April 2003)

- **Developed the framework for “Shared Leadership” model:**

National program coordination through the regions in concert with CSREES.

- **Formed the Committee for Shared Leadership for Water Quality (CSL-WQ)**

Expands/replaces NALT.

Committee for Shared Leadership for Water Quality (CSL-WQ)

Goals

- Foster a national program.
- Elevate the visibility of the regional network.
- Pursue new opportunities cooperatively.
- Practice effective communication (internal and external).
- Aggressively market effective programs.
- Establish/cultivate valuable partnerships.

Committee for Shared Leadership for Water Quality (CSL-WQ)

Membership (14)

- 1 representative from each of the 10 Regional Projects (initially the PIs)
- 1890 and 1994 Institution reps. (1 each)
- 2 CSREES reps. (NPL-WQ and WR)

 Input and support solicited from all partners.

 Buy-in critical for program success.

Committee for Shared Leadership for Water Quality (CSL-WQ)

Current Members

Regional Reps (PIs)

1 - Art Gold, RI

2 - Jeff Potent, NY

3 - Tom Simpson, MD

4 - Greg Jennings, NC

5 - Robin Shepard, WI

6 - Mark McFarland, TX

7 - Jerry Miller, IA

8 - Lloyd Walker, CO

9 - Kitt Farrell-Poe, AZ

10 - Bob Mahler, ID

1890 - Joe Emily, SC

1994 - Jim Hafer, MT

CSREES Rep – Mike O'Neill

CSL-WQ

Organization & Management

Standing Leadership Teams (SLTs)

- Regional Agency Liaisons (EPA/others)
- National Facilitation Projects (PIs)
- Regional Projects (PIs)

Subcommittees

- Communication
- Partnership
- Reporting/Evaluation
- Marketing
- Policy



– *Research, Education & Extension* –

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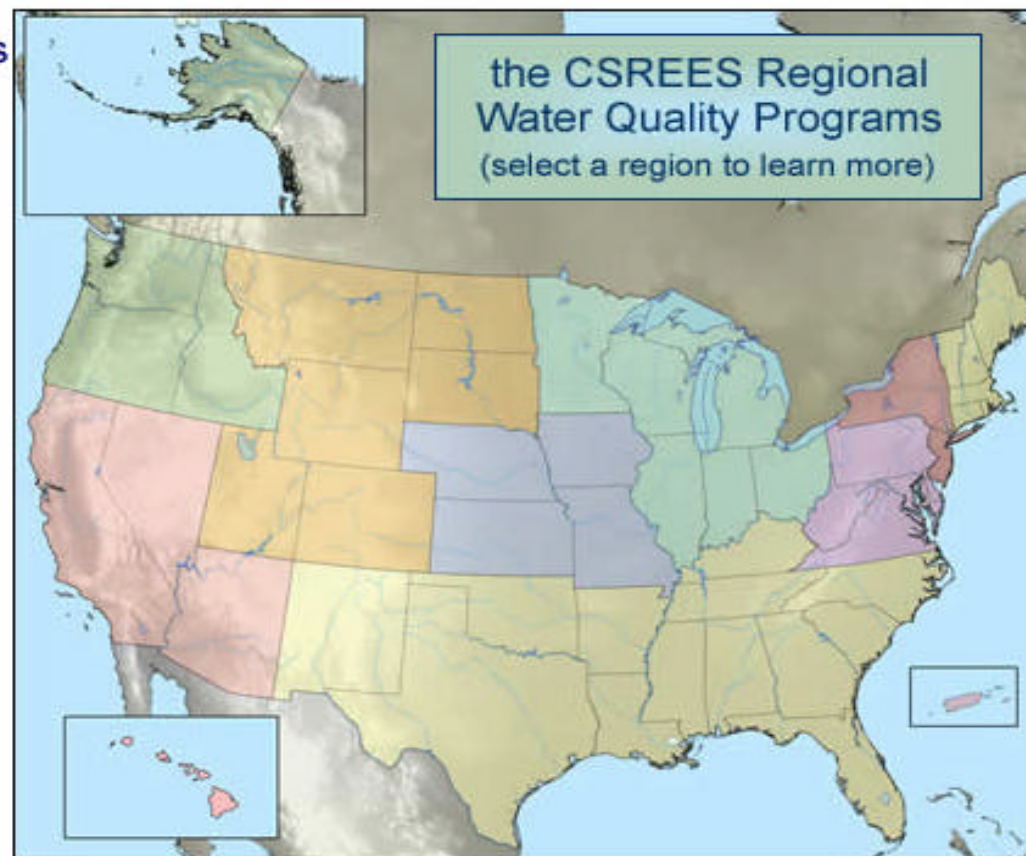
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[Online Resources](#)

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[Previous Page](#)



Upcoming Events

[December 4-5:](#)

New England Regional
Water Quality Program
Annual Meeting
Venue: West Greenwich,
RI

[December 6:](#)

Sediment and Erosion
Control Workshop
Venue: Raleigh, NC

[January 12-15:](#)

USDA National Water
Quality Coordinators
Conference
Venue: Tucson, AZ

[Register now for the USDA-CSREES National Water Quality Coordinators Conference.](#)



State Water Quality Coordinators

Regional Project PIs

Regional Agency Liaisons

National Facilitation Project PIs

1890 Water Quality Contacts

1994 Water Quality Contacts





Autumn 2002

CSREES
Pacific Northwest
Regional Water Quality Program

Animal Waste Management



Overview

The potential for transport of nutrients and pathogens from livestock and dairy production operations to the environment is a significant issue in the Pacific Northwest. In order to stay economically competitive, many livestock and dairy production operations have increased the number of animals utilizing the same land base. In addition, the number of non-commercial farms has been rapidly increasing throughout much of the region. Adoption of animal waste best management practices can reduce the transport of nutrients and pathogens from farms and contribute to improved water quality. Improved management and utilization of animal wastes can occur through proper collection, storage, treatment, and land application. Such strategies can benefit farmers by reducing disposal problems and reliance on commercial fertilizers, as well as improving water retention and fertility of soils. The Pacific Northwest Regional Water Quality Program provides a broad range of research-based educational materials devoted to animal waste management and utilization. Cooperative Extension regularly conducts outreach programs with livestock producers on a wide range of best management practices.

Desired Outcomes

- Groundwater and surface water is better protected from contamination by animal wastes
- Livestock production economics are improved by implementation of whole farm nutrient management strategies
- Producers have a greater knowledge of nutrient cycles and environmental concerns
- Livestock producers are considered good stewards of the environment



Pacific Northwest Regional Publications: (note: these publications can be obtained from publication offices at Oregon State University, Washington State University, and the University of Idaho)
 PNW 505 Nutrient Management for Dairy Production: Which Test is Best? Customizing Dairy Manure Testing
 PNW 506 Date, Rate and Place: The Field Book for Dairy Manure Applicators
 PNW 533 Fertilizing with Manure
 PNW 549 Keeping Track of Manure Nutrients in Dairy Pastures



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Alex Hristov, Nutrient Management
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IDAHO Publications

CIS 1053 Design and Construction of
 Earthen Embankments for Animal
 Liquid Waste Containment
 CIS 1070 Nutrient Management
 Plans: Who Needs Them and How to
 Prepare Your Own
 BUL 829 Optimal Utilization of
 Animal Waste on Cropland



Motivation?

✍️ **Money!! (406 funds)**

✍️ **Strength in Numbers**

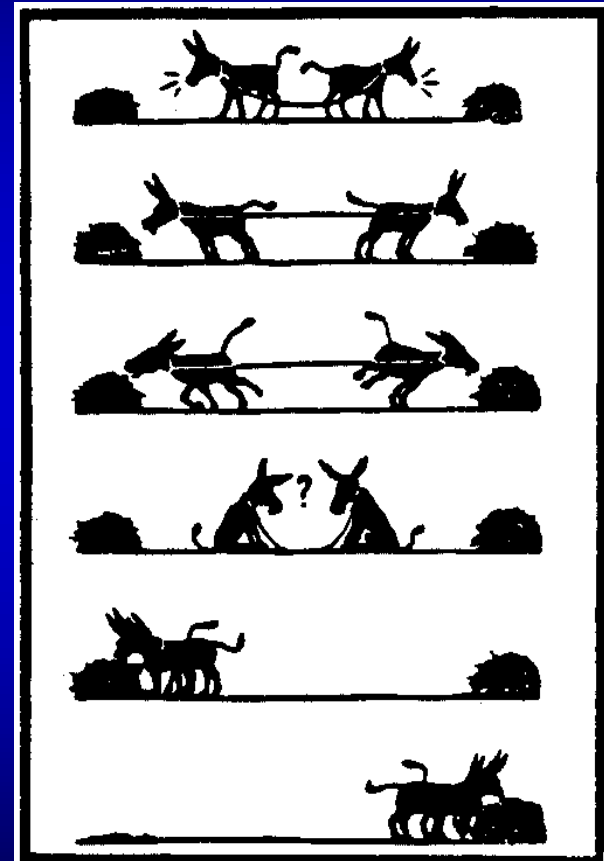
National network/regional links.

More powerful lobby for programs and \$.

✍️ **Opportunity for regional/national impact**

Affect direction and character of the program.

Sustain our programs and momentum, provide continuity.





The National Water Quality Program