

National Facilitation Projects

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**USDA-CSREES National Water Conference
February 2006**



National Facilitation Projects

A Quick Tour

How NFP's benefit the states and regions

How to improve?

Connections with Liaisons



The tour begins...



What is a best education practice?

...a program or practice that has been clearly defined, refined through repeated delivery and supported by a substantial body of research.

National Extension Water Outreach Education

Facilitating Access to Resources and Best Education Practices

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WATER EDUCATION TOPICS

[+ Best Education Practices, BEPs](#)[+ Use BEPs](#)[+ Educational Resources](#)[+ Professional Development](#)[+ Other Resources](#)

WATER MANAGEMENT TOPICS & ISSUES

[Animal Waste Management](#)[Drinking Water and Human Health](#)[Environmental Restoration](#)[Nutrient and Pesticide Management](#)[Pollution Assessment and Prevention](#)[Water Conservation and Agricultural](#)[Home »](#)

Welcome

Tools and resources for WQ management and outreach professionals.

[How do I set up or improve my water education or outreach program?](#)

- How do I get started?
- How do I improve my program?
- How does my work measure up to BEPs?

[What web site resources will help me reach my water management goals?](#)

- Use good educational practices.
- Use educational resources.
- Use professional development resources.
- Use water management and issues resources.



Applying knowledge to improve water quality

**Pollution Assessment
and Prevention
Regional Water Program**

*A Partnership of USDA CSREES
& Land Grant Colleges and Universities*





Applying knowledge to improve water quality
Pollution Assessment and Prevention
 National Facilitation Project
 A Partnership of USDA CSREES
 & Land Grant Colleges and Universities



Pollution Assessment and Prevention Theme Team

Farm and Home Programs

The Water Quality Pollution Assessment and Prevention Theme Team is a network of Extension and other educators who promote self-assessments, county fairs and meetings, Sprinkler use surveys and demonstrations to protect and restore water quality.

The project goals to facilitate integrate Extension, research and education programs that enhance the quality, reach, and outcomes of voluntary water pollution assessment and prevention programs, particularly on farms and in homes.

National Water Program

[National Water Quality Site](#)
[National Program Themes](#)

National Facilitation Projects

[NEMO](#)
[Volunteer Monitoring](#)
[Water Outreach Education](#)

Groundwater Risk Assessment Programs

Online Resources

[Agroecology Research Bibliography](#)
 A list of research projects representing work on alternative farming systems and agroecological research with implications for water quality.

[Newsletter](#)
 Quarterly on-line newsletters featuring success stories and lessons learned from pollution prevention educational programming conducted by Extension educators or researchers.

Sample stories:

- [Changing with the Times: Updating Georgia's Farm*A*Syst Assessments](#)
- [Pollution Prevention--A*Systing Rural Audiences](#)
- [New Research Demonstrates that Trees Keep Out, and Help Process, Stream Pollutants](#)
- [NAWQA Database a Flood of Water Quality Information](#)

Regional WQ Facilitation

- [Great Lakes](#)
- [Heartland](#)
- [Mid-Atlantic](#)
- [New England](#)
- [NY, NJ, PR, Virgin Islands](#)
- [Northern Plains and Mountains](#)
- [Southern](#)
- [Southwest States and Pacific Islands](#)
- [Pacific Northwest](#)

Facilitate integrated extension, research, education programs that enhance the quality reach and outcomes of voluntary water pollution prevention and assessment, particularly on farms & in homes

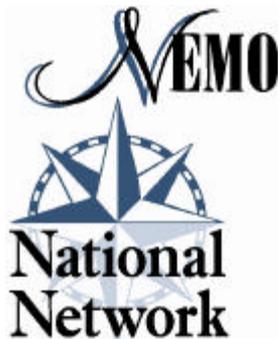
- [Delaware Coast*A*Syst](#)
- [North Carolina Coast*A*Syst](#)
- [Kansas Food*A*Syst](#)
- [Tennessee Forest*A*Syst](#)
- [Maine Lake*A*Syst](#)
- [Michigan Orchard*A*Syst](#)
- [Oregon](#)

“It is in the marriage of credible data and increased stewardship behavior that the true potential and vitality of citizen monitoring begins to emerge.”



-Steven Hubbell, Colorado River Watch

- Develop factsheets and training modules
- Provide workshops
- Maintain linkages between monitoring programs
- Create connections with other NFP's, agencies
- Help regions & state meet WQ program goals



The National NEMO Network

Goal:

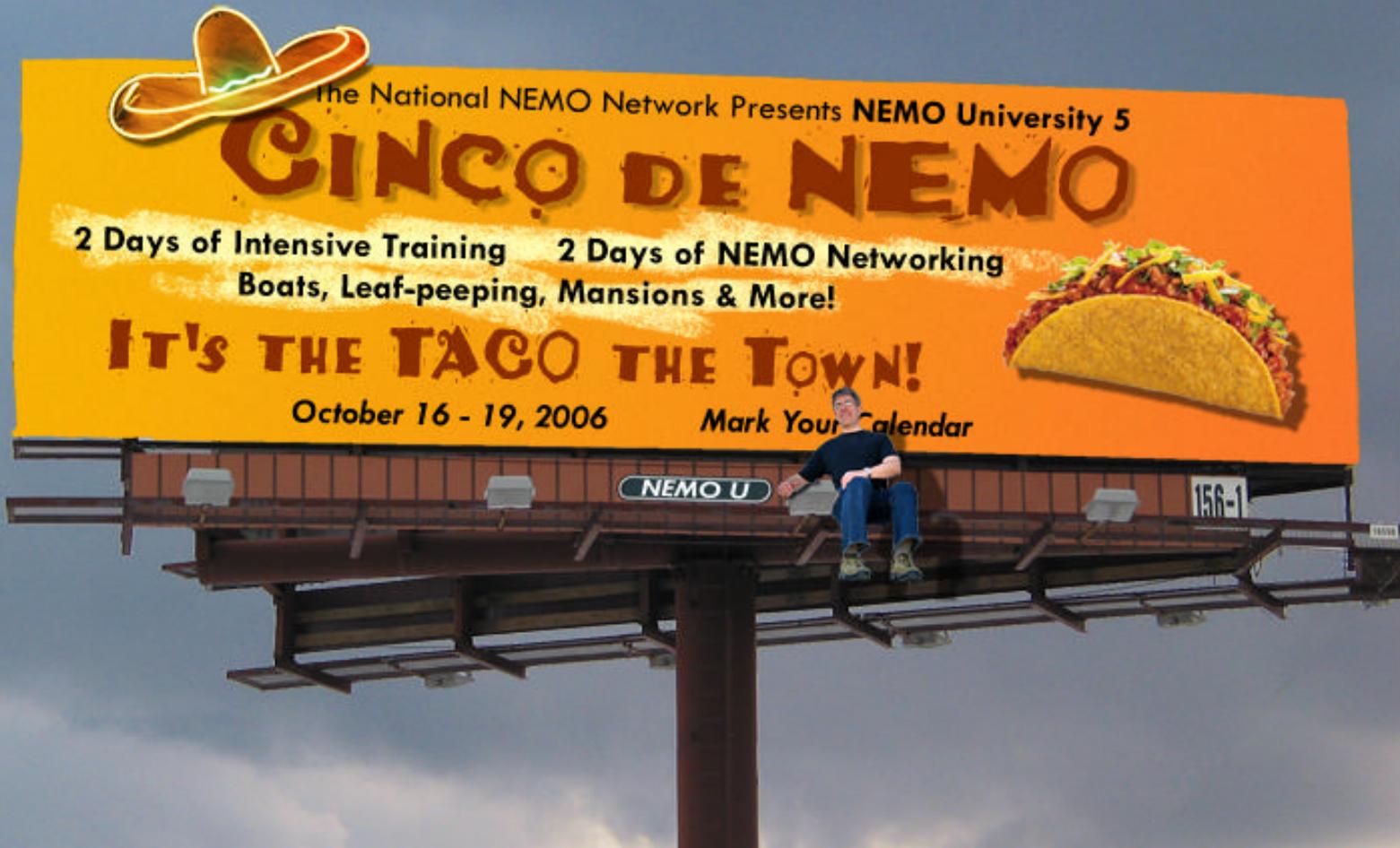
To be more than
the sum of our
parts

education



Looking Ahead

In 2006:



The National NEMO Network Presents **NEMO University 5**

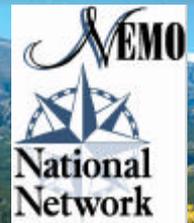
CINCO DE NEMO

2 Days of Intensive Training 2 Days of NEMO Networking
Boats, Leaf-peeping, Mansions & More!

IT'S THE TACO THE TOWN!

October 16 - 19, 2006 Mark Your Calendar

NEMO U 156-1



The Environmental Pathogens Network



- A centralized **resource for water related environmental microbiological contamination information** for state, county and local governments
- Develop and share knowledge of **how these pathogens enter and function in watersheds** to best manage them and prevent diseases
- **Network** of regulators, technical experts, stakeholders

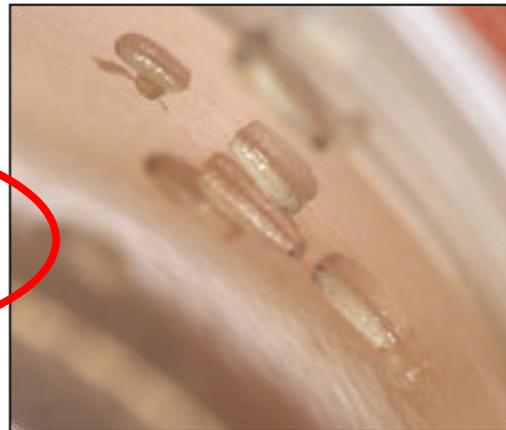


- Daily News
- Story Archives
- Web Resources
- Stations
- Support GLRC

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Featured Stories

MAGGOTS: REVIVING AN ANCIENT MEDICAL TREATMENT



 [View Slideshow](#)

Maggots can be used as a medical treatment. Specifically, to help treat wounds. (Courtesy of the National Institutes of Health)

An ancient medical treatment is starting to be used again to treat wounds. But for many people, just the thought of the treatment is stomach-turning. The Great Lakes Radio Consortium's Melissa Ingells has the story:

[History of maggot therapy](#)

[Information on maggot therapy](#)

This Week's Environment Report

 [Click here to listen](#)

More Stories

Week of January 30, 2006

MAGGOTS: REVIVING AN ANCIENT MEDICAL TREATMENT

[more →](#)

BUILDING AN ARK FOR THE WORLD'S PLANTS

[more →](#)

TRADE INCREASING NUMBER OF EXOTIC SPECIES

[more →](#)

CANADA TO PULL OUT OF KYOTO?

[more →](#)

DUPONT AGREES TO GRADUALLY ELIMINATE C-8

[more →](#)

USE OF CORN FOR ETHANOL PRODUCTION INCREASES



Ten Threats to the Great Lakes

a series by the GLRC



Ten Threats Documentary Series

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Ten Threats to the Great Lakes

a series by the GLRC



Nonpoint source pollution

All | [1\) Invasive Species](#) | [2\) Nonpoint source pollution](#) | [3\) Shoreline development/Wetlands](#) | [4\) Cargo ship channels](#) | [5\) Point source pollution](#) | [6\) Disappearing native species](#) | [7\) Pollution hot spots](#) | [8\) Air pollution deposition](#) | [9\) Polluted beaches](#) | [10\) Water withdrawals](#)



GREEN LAWN, DEAD LAKES

In our series, Ten Threats to the Great Lakes, we've been looking at environmental problems affecting the health of the lakes. The Great Lakes Radio Consortium's Sarah Hulett reports on lawn fertilizers and their impact on the Lakes.



RETHINKING URBAN RUNOFF

The Great Lakes Radio Consortium's Shawn Allee looks into how rain that washes off concrete and asphalt in cities and suburbs poses just as big a threat to the Great Lakes as pollution from a factory pipe.



DEAD ZONES IN THE LAKES

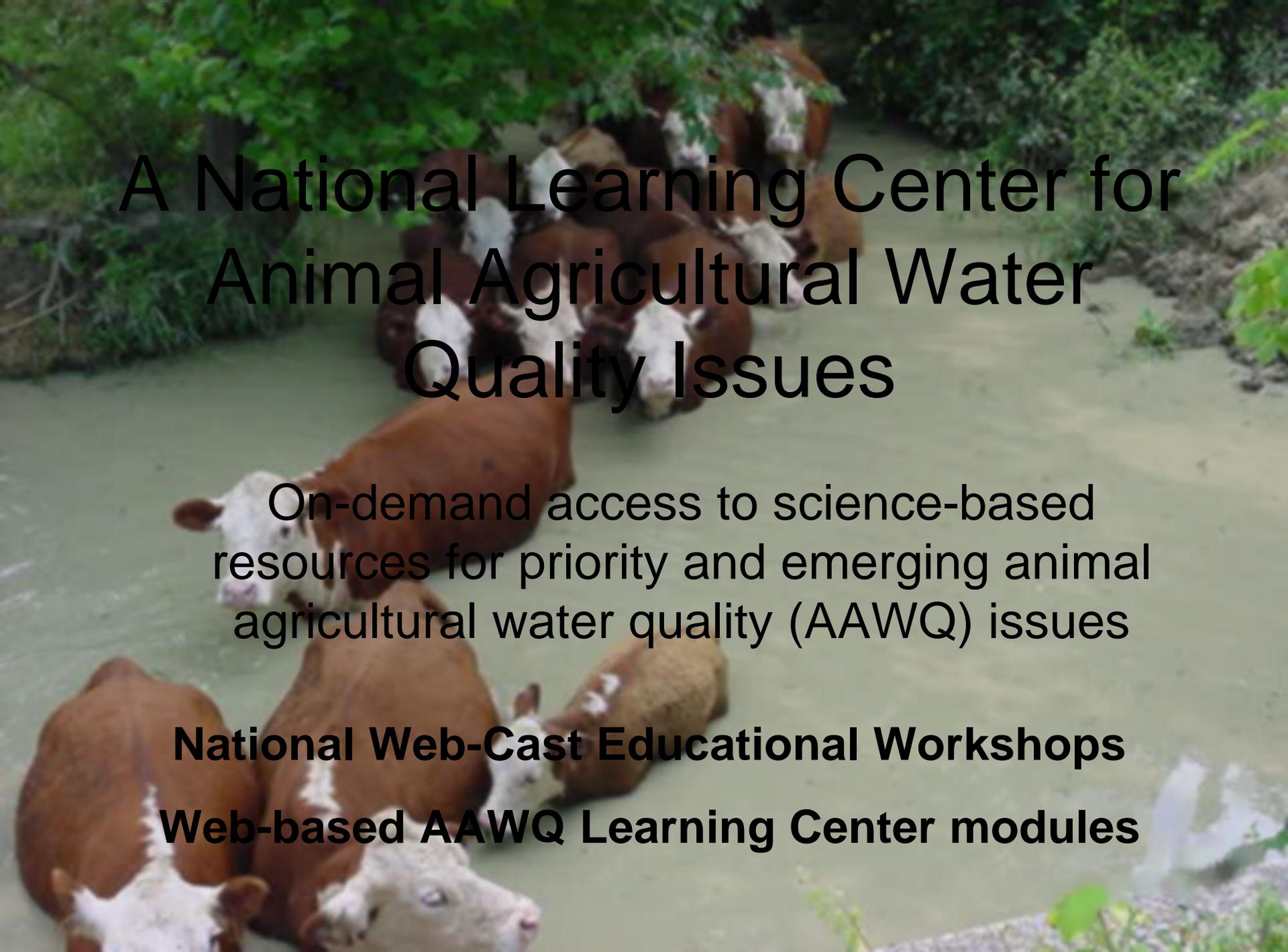
The Great Lakes Radio Consortium's Lester Graham reports on how "nonpoint source pollution" might be turning some shallow waters in the Great Lakes into dead zones.

Tribal Colleges and Universities National Facilitation Project for **Increasing Tribal Involvement in the Water Quality Network**



- Develop water quality curriculum for TCU's
- Hold an annual TCU Water Quality Summit
- Establish a mini-grant program



A group of brown and white cows are wading through a shallow, muddy stream. The water is a light brown color, and the surrounding area is lush with green vegetation. The cows are in various stages of crossing the stream, with some fully in the water and others partially on the bank.

A National Learning Center for Animal Agricultural Water Quality Issues

**On-demand access to science-based
resources for priority and emerging animal
agricultural water quality (AAWQ) issues**

National Web-Cast Educational Workshops

Web-based AAWQ Learning Center modules

FACILITATION OF 1890 INSTITUTIONS' WATER RESOURCE EDUCATION, EXTENSION AND RESEARCH EFFORTS

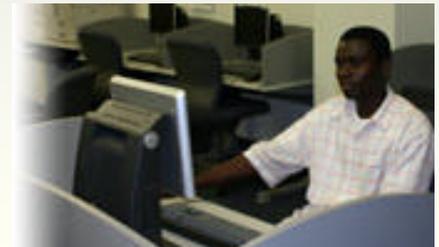
Committed to providing water resource programming to underserved audiences in rural and urbanizing communities nationwide

The 1890's Historically Black Land Grant Universities



OBJECTIVES:

- 1) involve the 1890's water resources coalition with USDA-CSREES water quality programs and with other land grant universities and colleges' water resource network,
- 2) identify and compile existing water resource education, research and extension capacities at the 1890 institutions,
- 3) develop water quality and quantity education curriculum for underserved family use, and
- 4) establish water quality and quantity mini-grant agreements





National Water Program

A Partnership of USDA CSREES & Land Grant Colleges and Universities



– Research, Education & Extension –

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Go to www.usawaterquality.org to learn more about these national programs...

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[Integrated Research, Education, and Extension](#)

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[Upcoming Events](#)

[Feb 5-9: → USA CSREES National Water Conference, San Antonio, TX](#)

[February 6-7: → New England Regional In-Service Training for Ag Service Providers; New Castle, NH](#)

[February 13-15: → Heartland CNMP Development Course; Kansas City, MO](#)

[March 14-15: Local Wastewater Management Workshop & NE Onsite Wastewater Training Center and Demo Systems Field Tour; Narragansett & Kingston, RI](#)

[more events...](#)

How Do NFP's work with States and Regions?

- Individually
- Through listserv postings
- Develop and implement county based workshops
- Statewide Workshops/symposia
 - Stand-alone or co-sponsoring
- Workshops at Regional Conferences
- Workshops/symposia at National Conferences

Some states, some regions, some NFP's

NFP's increase the capacity of
National Network

How can we best work with states
and regions?

We contact you? You contact us?

New and emerging NFP needs?

NFP's –Regional Liaisons

Regional Liaisons have worked with NFP's
in their regions

to help organize workshops

- NEMO
- Volunteer Monitoring

Need for an expanded role
working with regions and
NFP's?

