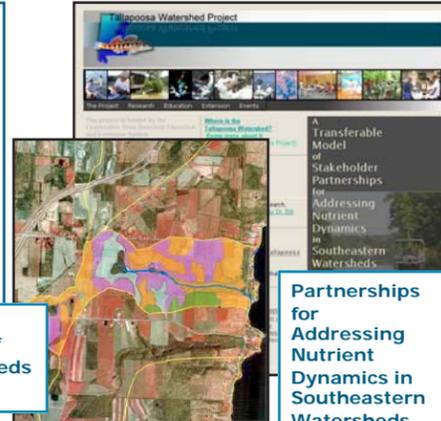


## Section 406 Projects (cont.)

**Integrated Projects** implement a focused, stakeholder-led research effort along with outreach education to address a watershed concern. Sixty-nine integrated projects have been funded, including:

**Experimental Manipulation of Entire Watersheds through BMPs**



**Partnerships for Addressing Nutrient Dynamics in Southeastern Watersheds**

**National Facilitation Projects** coordinate comprehensive efforts relevant across the United States. Ten National Facilitation Projects have been implemented, including:



**Environmental Pathogens Information Network**



**Nonpoint Education for Municipal Officials**

**Extension Education Projects** provide outreach programs into target watersheds. Since 2000, 35 Extension Education projects have been implemented. Example programs include:



**Chippewa Flowage Invasive Species Education Initiative**



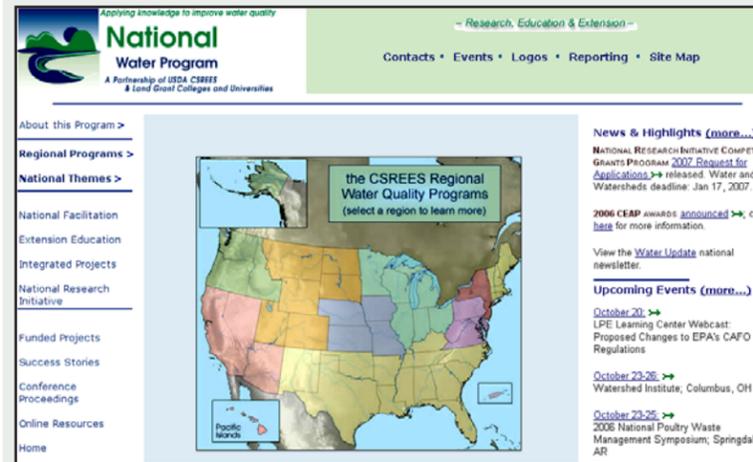
**Development of a CNMP Core Training Curriculum**

For more information contact:  
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A National Website features:

<http://www.usawaterquality.org/>



- Direct links to each of the 10 regional water quality information databases, National Facilitation Projects, Extension Education Projects and Integrated (Research/Extension/Education) Projects.
- Links to water resource information sorted by theme. Access to local and regional programs, publications and resource management tools.
- Project success stories, National Water Conference proceedings, funding opportunities, awards index, upcoming events and links to Current Research Information System reports.
- Links to partner agencies and organizations involved in water resource management at both state and federal levels.
- An on-line National Water Quality Coordinator contact list providing linkages to Land-Grant Institution contacts across the country.
- National and regional publications providing contact information and regional summaries by water quality theme.

This publication is produced by the CSREES National Integrated Water Program Committee for Shared Leadership with support by the Cooperative State Research, Education, and Extension Service, U.S. Department of Agriculture, National Integrated Water Quality Program, under Agreement No. 2004-51130-03114.



Applying knowledge to improve water quality

# National Integrated Water Program

A Partnership of USDA CSREES  
& Land Grant Colleges and Universities



## Program and Goals

The CSREES National Integrated Water Program is funded primarily through Section 406 of the Agricultural Research, Extension, and Education Reform Act of 1998 (AREERA) (7 U.S.C. 7626). CSREES has implemented a competitive grants process with four categories:

- Regional Coordination Projects
- Integrated Projects (Research/Extension/Education)
- National Facilitation Projects
- Extension Education Projects

Ten Regional Projects (based on EPA regions) serve as the core of the program, linking water resource professionals across the nation. Program goals are to:

- Provide leadership for the development and implementation of outcome based water resource programs.
- Link state and regional projects and their network of research, extension and education professionals to facilitate information and resource exchange.
- Integrate water research, education and extension efforts to solve water resource problems at the home, farm, community and watershed level.
- Improve public understanding and involvement in community decision-making regarding water resource issues.
- Develop and strengthen important partnerships.

*The Committee for Shared Leadership is an internal working group created to foster development of the National Integrated Water Program. Members include:*

*Regional Project Representatives (10)*

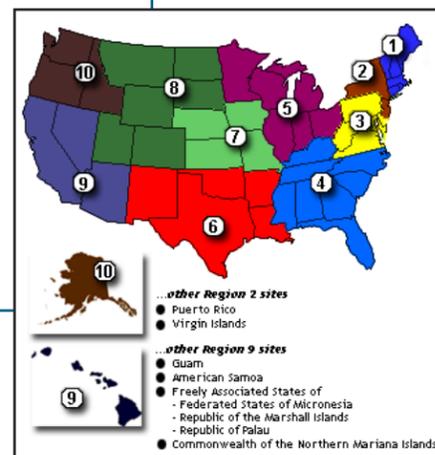
*1890 & 1994 Institution Representatives (2)*

*CSREES National Program Leaders (2)*

## Section 406 Projects

### Regional Coordination Projects

utilize State Water Quality Coordinators to promote regional collaboration, enhance delivery of successful programs and encourage multi-state and multi-region efforts to protect and restore water resources in 10 regions.

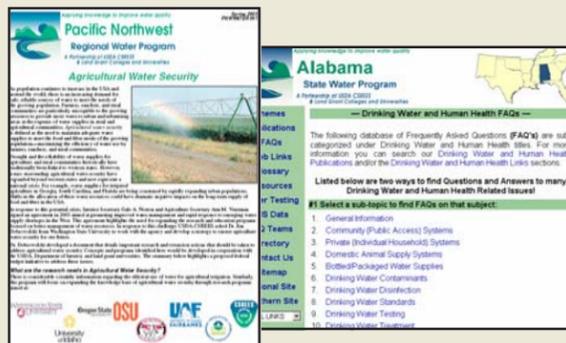


The CSREES National Integrated Water Program enabled the formation and linkage of 10 Regional Water Coordination Projects which serve as the foundation of the **National Integrated Water Program.**

Regional organization facilitated by the CSREES 406 National Integrated Water Program, has enhanced the capacity of CSREES-funded programs to comprehensively address region-wide and nationwide water resource issues through coordinated research, education and extension efforts. **Selected examples:**

### • Success of the New England Regional Training for Agricultural Service Providers

- ✧ Program participants have influenced manure application on at least 60,000 acres of farmland and soil fertility management on 55,000 acres. Similar efforts are underway in all Regions.



### • Finding Regional Answers to Regional Questions

- ✧ Regional teams are producing programming and publications tied to national water resource themes. Regional publications and databases, such as the web-based Drinking Water and Human Health FAQ Database, which provides answers to more than 2,000 questions on numerous water-related topics, are provided through regional websites linked through the National Integrated Water Program website at <http://www.usawaterquality.org/>.

### • Volunteer Monitoring

- ✧ Volunteer water quality monitoring programs often serve as the critical first link that engages the public in watershed stewardship. The CSREES Volunteer Monitoring National Facilitation Project supports the formation and management of volunteer monitoring efforts nationally.



<http://www.usawaterquality.org/>

### • Coordinated Response to Educational Needs

- ✧ Piggeries in the Pacific Islands contribute nitrates and fecal contaminants to area waters. Through regional teamwork, animal waste Best Management Practices and appropriate technologies have been introduced to swine farmers throughout the Pacific Basin, and piggery effluent discharge to streams significantly reduced.

### • Stream Side Science Curriculum

- ✧ Stream Side Science began as a collaborative partnership involving Utah State University, the Utah State Office of Education, and the State of Utah's Governor's Watershed Initiative. The curriculum is currently being tailored for local needs in other areas of the Northern Plains and Mountains Region. Stream Side Science helps 9th grade students and teachers understand how streams and lakes function within watersheds and how activities and changes in the watershed affect stream health. Since 2001, these programs have reached over 14,000 youth and 1,200 teachers.

