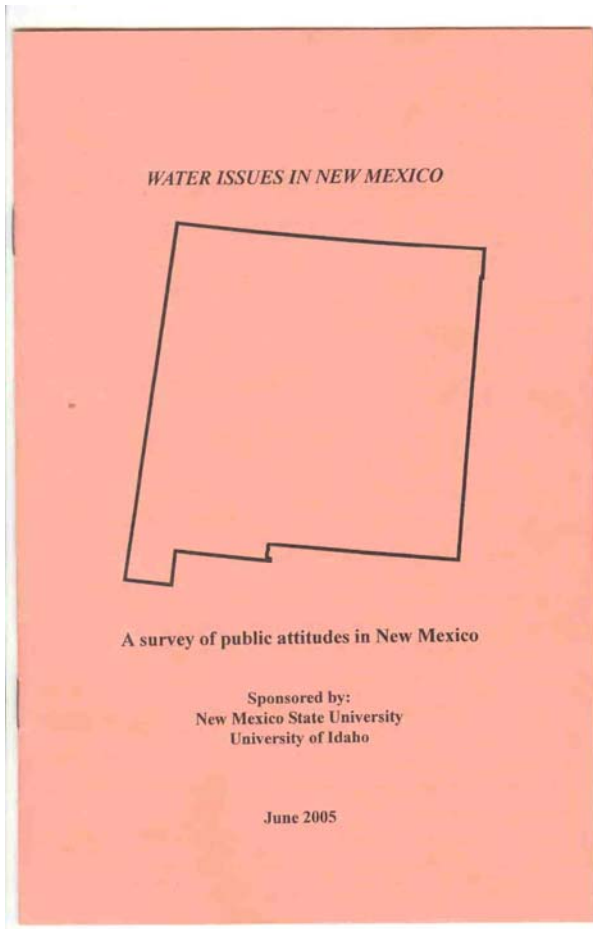


Education Role in Water Planning

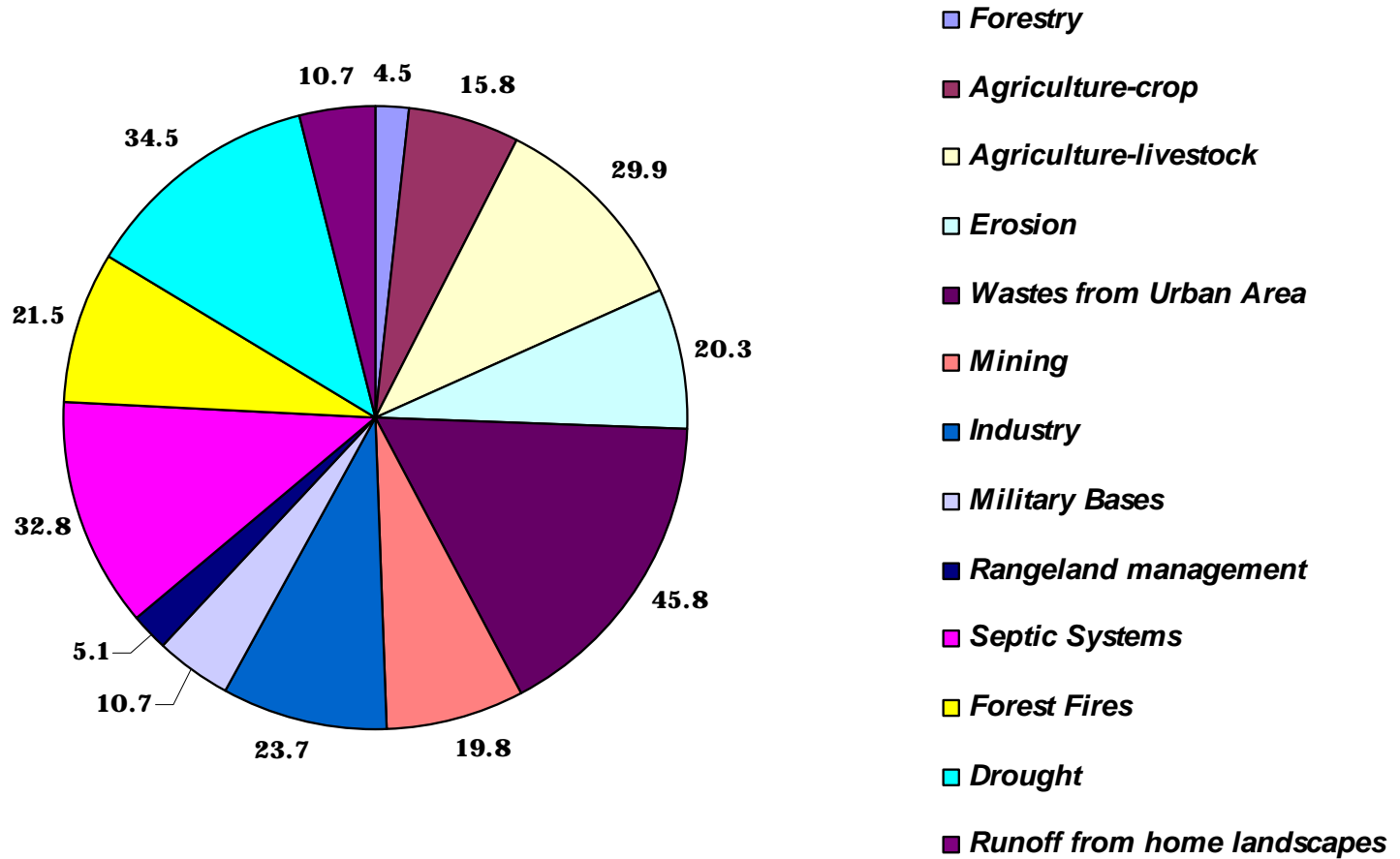
Leeann DeMouche
New Mexico State University
Water Forum, March 29-30
Oklahoma City, OK

New Mexico Survey

Water Issues in New Mexico



New Mexico Existing Pollution Problems in Rivers/Lakes

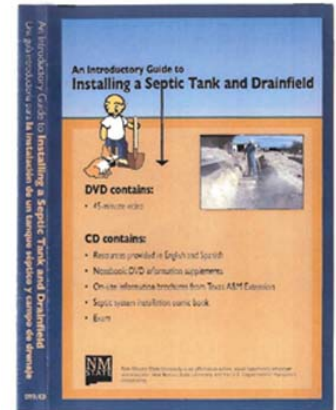


Top Issues

- Waste from Urban Areas
- Drought
- Septic Systems

WASTEWATER & SEPTIC SYSTEM

- Introductory Guide to Installing a Septic Tank and Drainfield
 - Video
 - Comic Book (English/Spanish)
- Septic Tank Study
- GIS Septic Tanks: Statewide
 - Funding
- OK/NM Tribal Wastewater Program



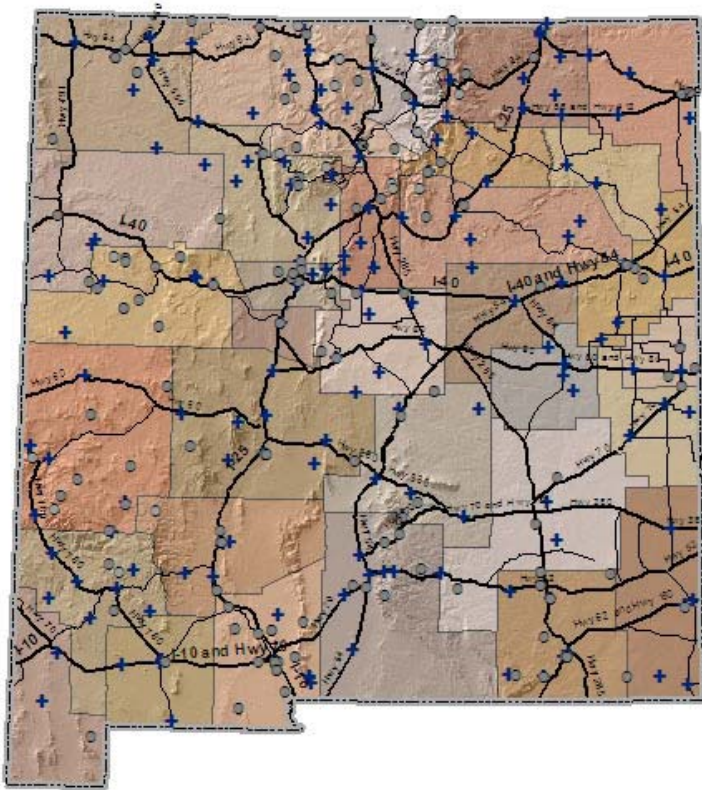


Drought

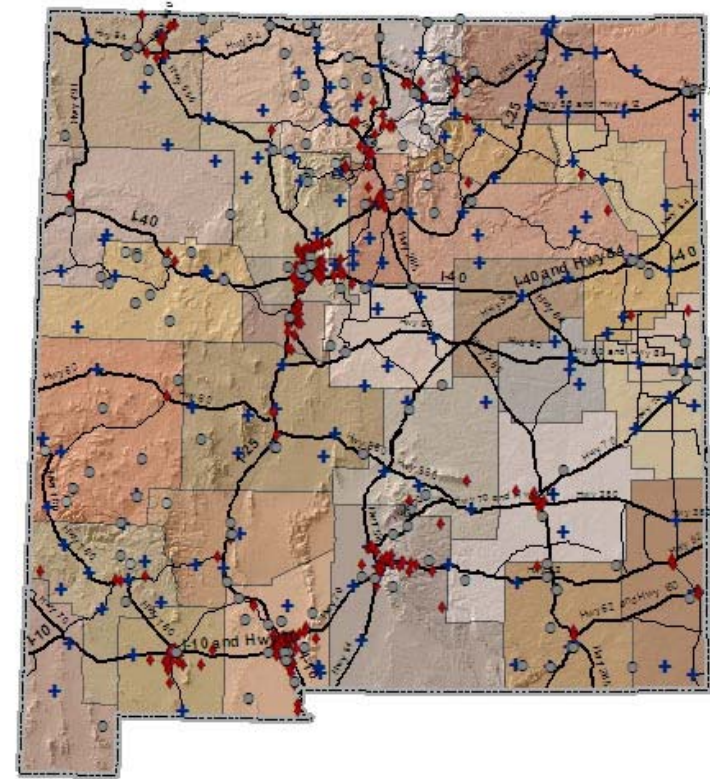
- CoCoRaHS – Community Collaborative Rain Hail and Snow Network
- Drought Monitoring
- WC and Drought Management
 - Regional Water Planning
- Water Conservation Education
 - Xeriscapes of the Southwest –Video
 - “NEW” Irrigation 101 - 13 minute DVD "how to's" of maintaining a commercial irrigation system.
- Water Lecture Series
- GIS/GPS Training



Data sources are few and rain gauges are far apart



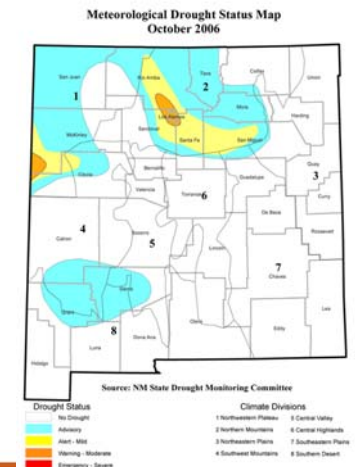
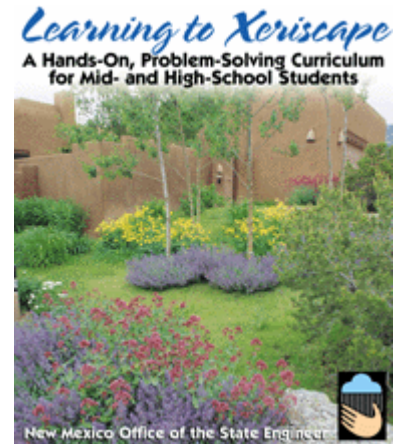
AWS = 154 sites
Coop = 160 sites



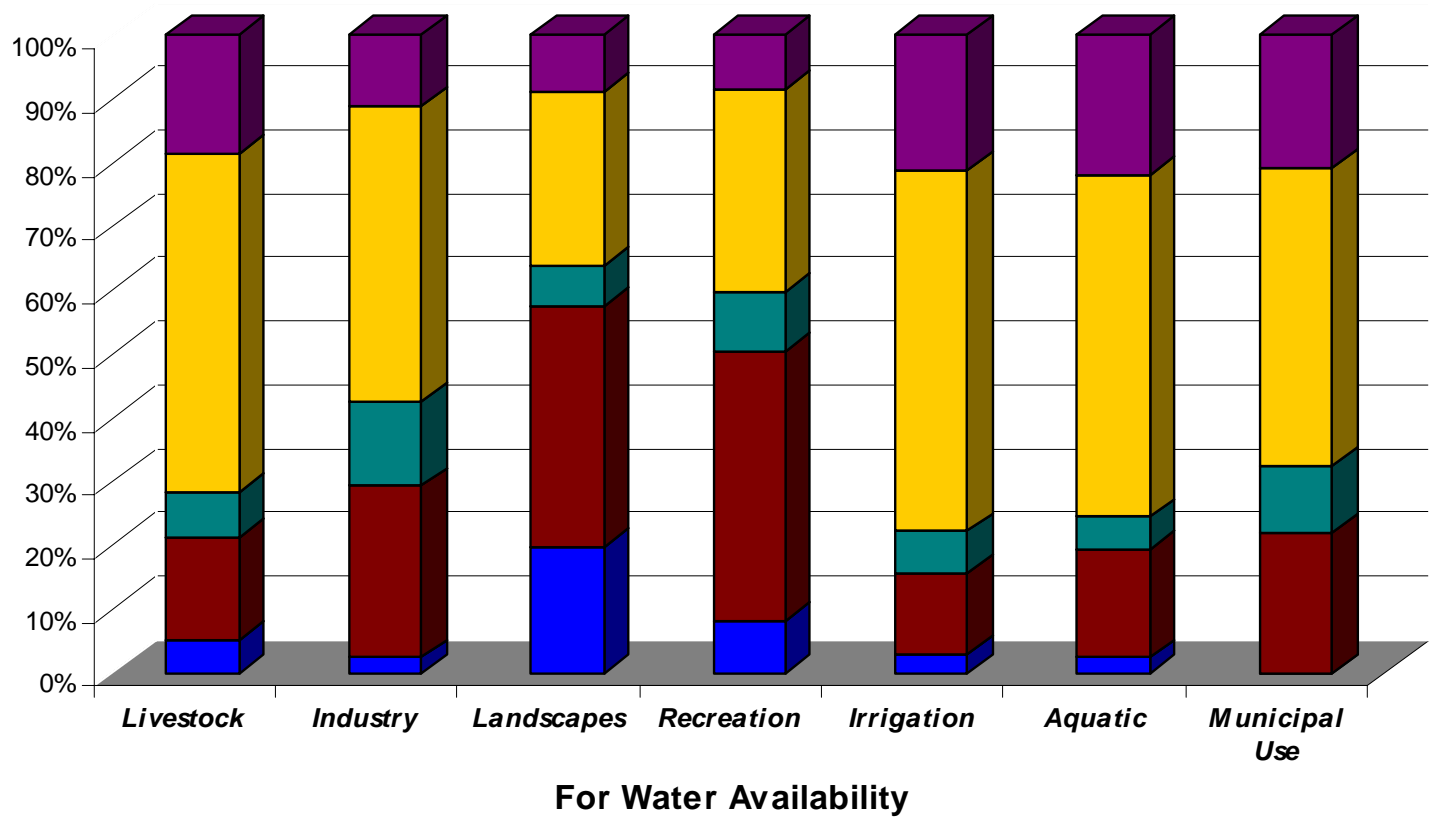
CoCoRaHS = 386 sites

Drought – Education Materials

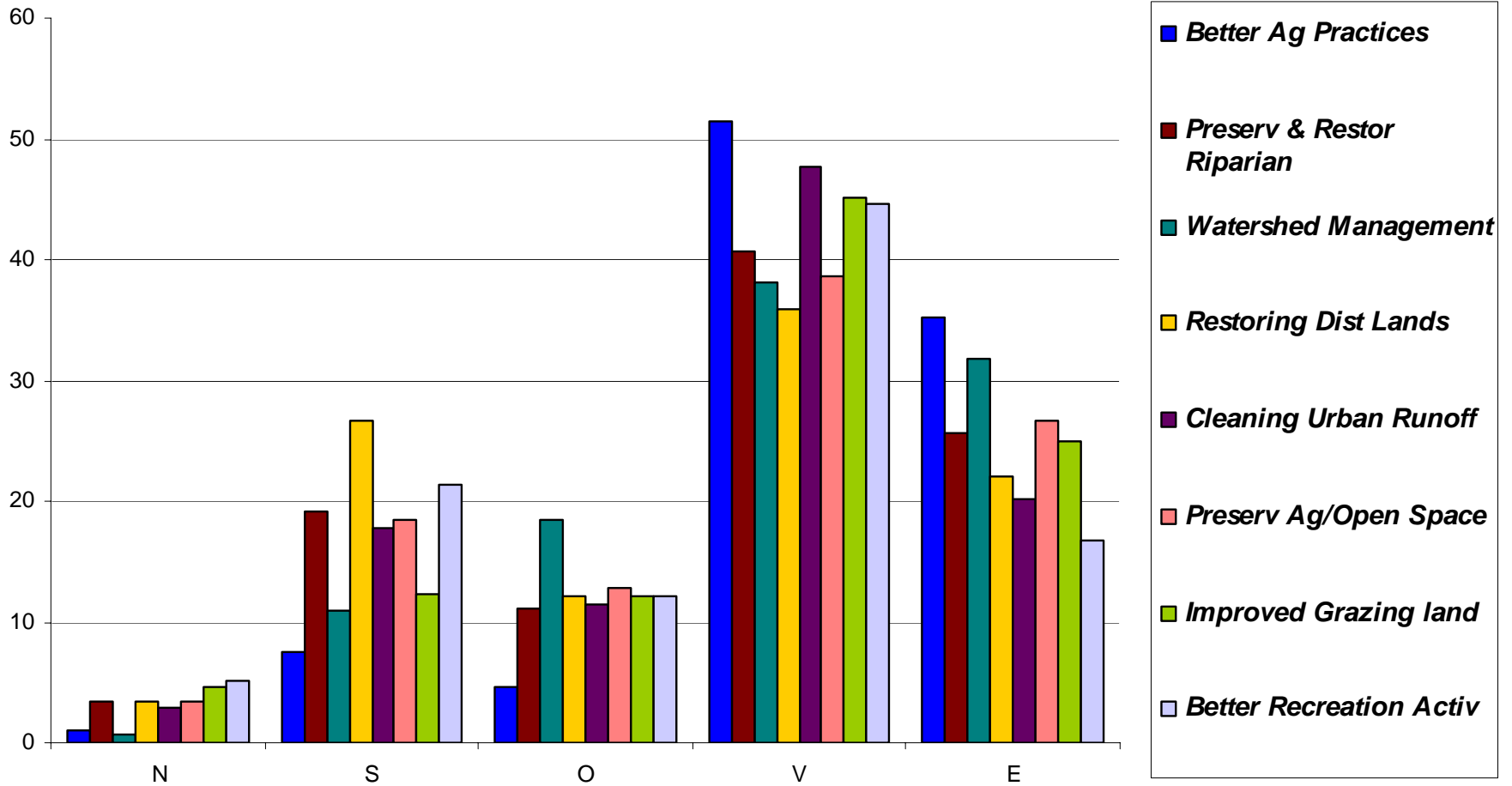
- Water Conservation – K-12 grade
 - Rio
 - Learning to Xeriscape
- Gray Water Booklet
- Water Conservation Brochures
- Dona Ana Water Conservation White Paper
- Climate Center Newsletter
 - <http://weather.nmsu.edu>



Important Water Issues



Important Actions in Protecting NM Water Resources

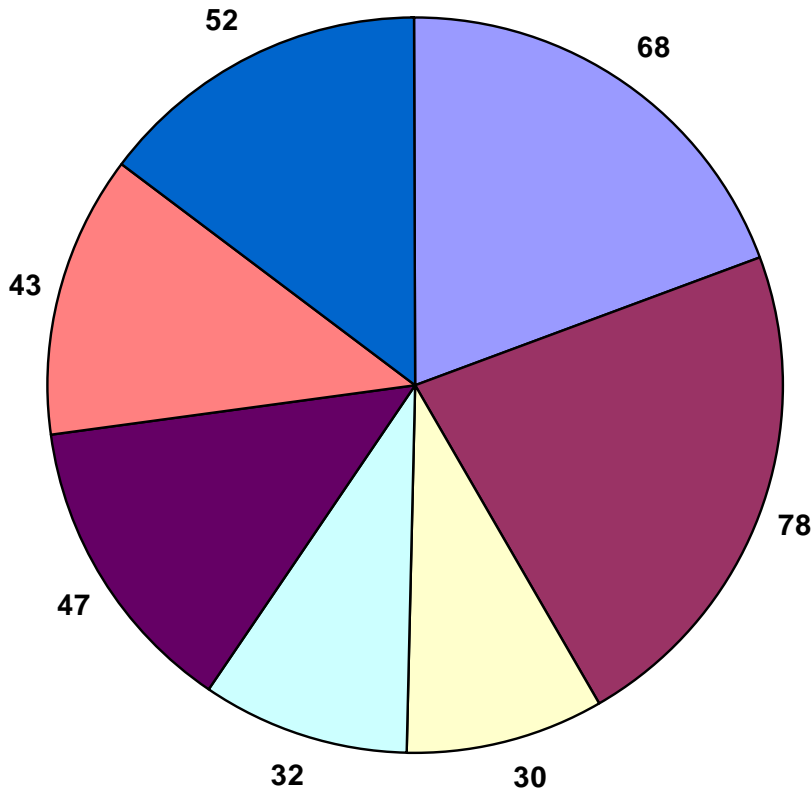


IRRIGATION

- Pecanigator – Irrigation Scheduling Estimator
- Flume Publication – A Simple flow Measuring Device for Farms
- Water Task Force Publications
- Institutional Barriers To Water Conservation
– EBID

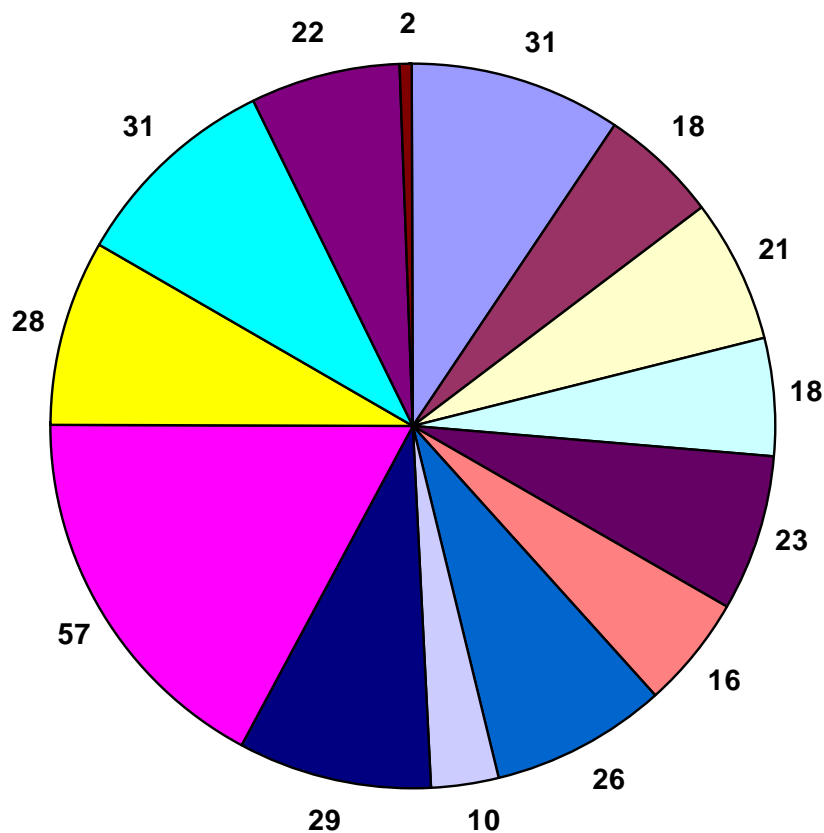


Information Sources



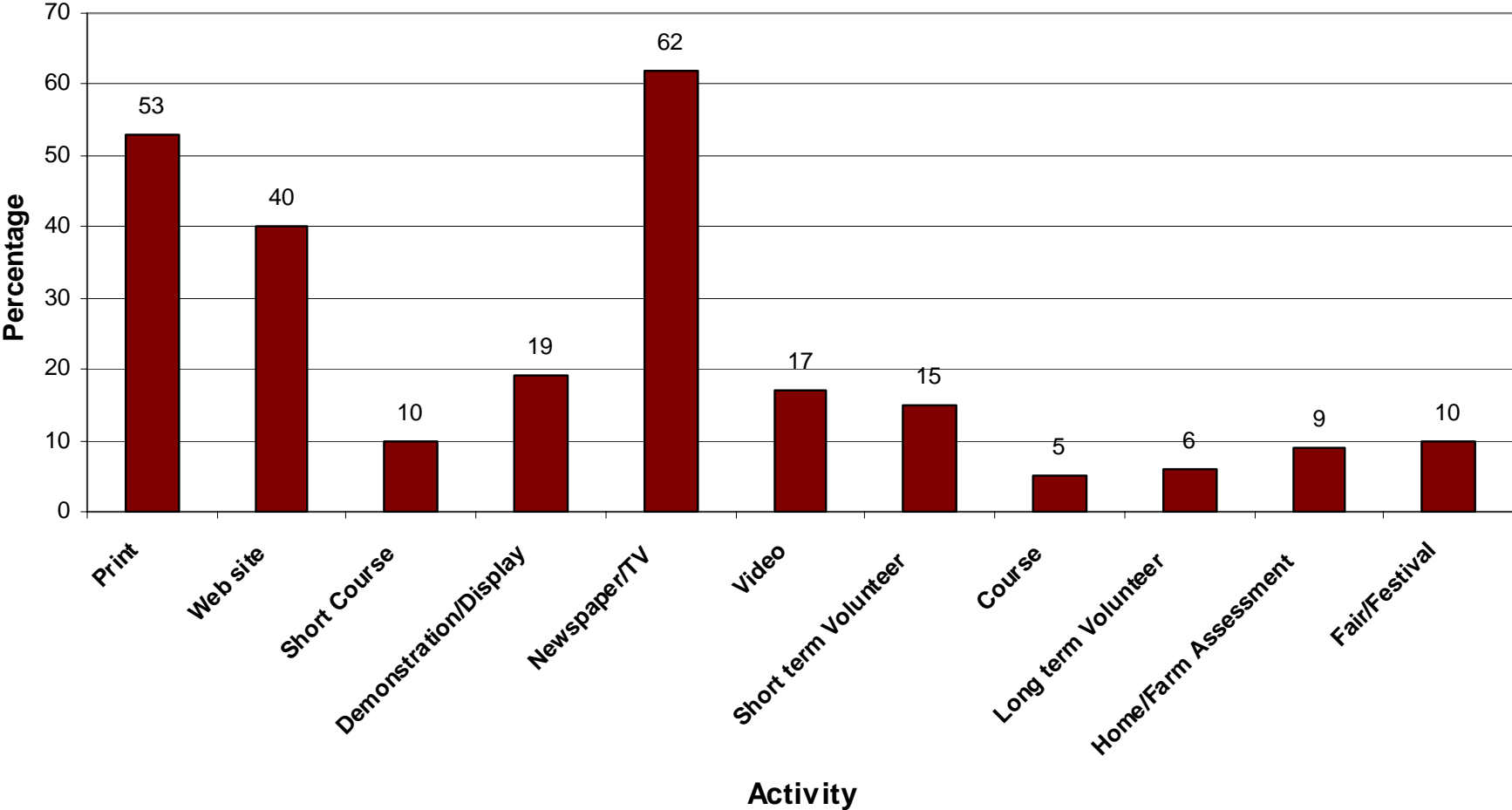
- Television
- newspapers
- Extension Service
- University
- Schools (K-12)
- Government
- Magazines

Learning Opportunities



- Watershed Management*
- Watershed Restoration*
- Forest*
- Grazing*
- Irrigation*
- Animal Waste*
- Nutrient/Pesticide*
- Coal bed methane*
- Private well/Septic System*
- Protecting drinking water*
- Water Policy*
- Community actions*
- Small acreage*
- Fish/Wildlife*

Learning Opportunity





Web sites

- Water Task Force
- Rio Grande Basin Initiative
- CARSAME



Technical Conferences



- Irrigation
- Urban Water Conservation
- Aquatic Symposium
- Hydrology Symposium

Collaborators

- WRRI
- OSE
- NMWCA
- WWF
- Others

