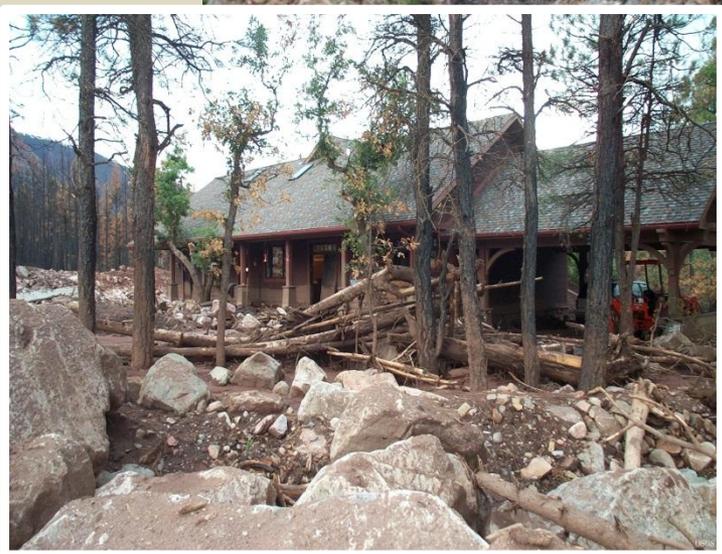


serving water needs

USGS Water Mission Area Priorities and Science

Science for Water Hazards Priorities – Providing science and models to minimize loss of life and property from water-related hazards, such as floods, droughts, and debris flows



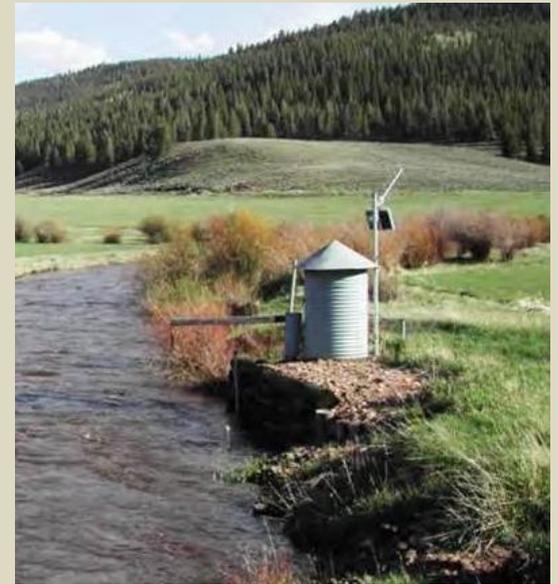
Water Availability Priorities – Providing the science needed to:

- Ensure water availability amidst competing demands and climate change.
- Understand groundwater and surface water for coordinated management.
- Maintain environmental flows and healthy ecosystems.



Water Availability Priorities – Providing the science needed to:

- Assess water-quality issues (including nutrients, chemicals, sediment, and algal toxins) in streams and their effects on estuaries and critical bays, such as the Gulf of Mexico.
- Track natural and manmade (including emerging) contaminants in drinking water.
- Assess impacts of energy development, such as hydraulic fracturing on water quantity and quality.





“We can never forget or let others forget that the water cycle and the life cycle are one.”

- Jacques Cousteau