



Beth Callaway, Executive Director
P.O. Box 20908
Cheyenne, WY 82003
Beth@icwp.org
307-772-1999
www.icwp.org

ICWP Principle Statement #4 Water Data and Science

Adopted by the ICWP Board of Directors on June 25, 2025; Sunset/Review December 2026

Statement of the Issue:

ICWP is committed to providing leadership in the promotion and implementation of national policies regarding the collection and management of water data and development of accessible science to support integrated water resource planning and management at national, state and local levels.

Position Statement:

ICWP's desired policy outcome is to share and promote information that supports the collection and dissemination of trusted data and effective integrated science-based tools to inform water resource decisions.

ICWP's work supports and influences national policies and programs for data collection and analytical tools, provides members with a means to identify and prioritize enhancements to existing water science services and products, as well as advocates for responsible representation, communication, and transparency in the utilization and collection of large data. ICWP emphasizes more direct state and interstate and tribal involvement in the formulation and implementation framework of federal and congressional water data and science initiatives related to planning, programs, and tools.

Attachment A: 2025-2026 Policy Emphasis

1. Federal monitoring networks and interpretive science: Structure programs to improve our understanding of water issues to inform decisions and policies
 - ✓ NOAA – National Water Model, NextGen, National Water Prediction Service
 - ✓ USGS – Integrated Water Availability Assessments
 - ✓ Others as identified
2. Drought: Consolidation of complimentary/duplicative federal efforts and programs; identifying issues with water quantity and quality under drought conditions

- ✓ NOAA – National Integrated Drought Information System
 - ✓ USGS – Streamflow Drought Prediction, Groundwater Modeling
 - ✓ Others as identified
3. Water data
- ✓ Development of accessible, common-source platforms to encourage data sharing.
 - ✓ Establishment of standardized data parameters and collection for use by federal, state, and interstate agencies.
 - ✓ Identification and review of the best available science methodologies and practices across state and federal partners.
4. Cost benefit methodologies analysis – compare, and contrast, and identify information or methodology gaps and weaknesses
- ✓ USACE
 - ✓ FEMA
 - ✓ NRCS
 - ✓ Others as identified