



State Water Plan Overview

Interim Water and Natural
Resources Committee

John Longworth

ISC Director

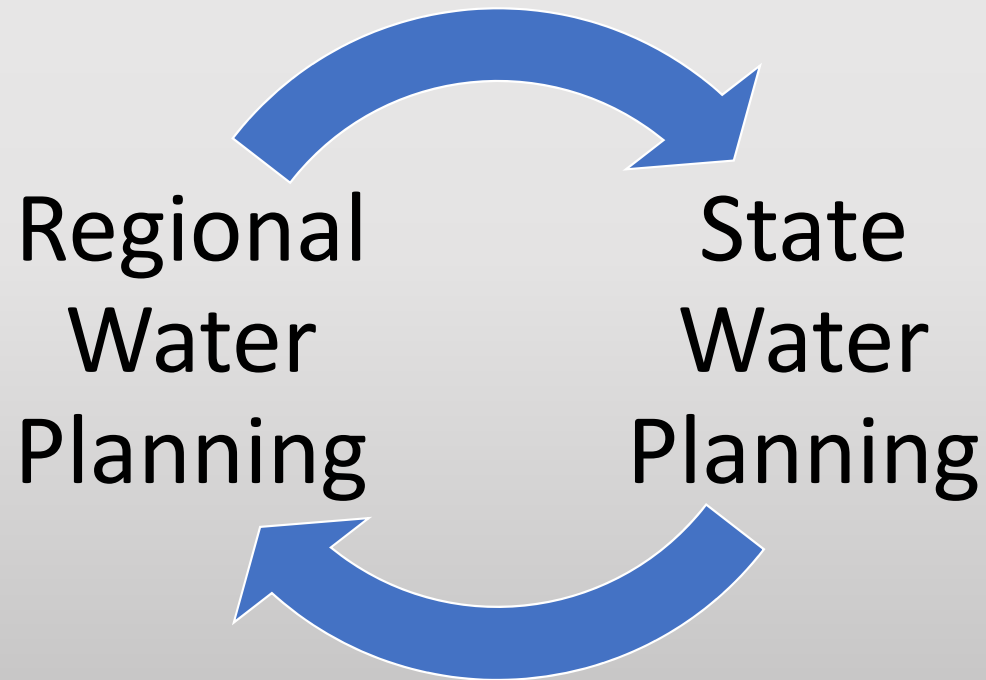
October 2, 2018



8 Purposes of the State Water Plan Act

1. Promoting stewardship of the state's water resources
2. Protecting and maintaining water rights and their priority status
3. Protecting the diverse customs, culture, environment and economic stability of the state
4. Protecting both the water supply and water quality
5. Promoting cooperative strategies, based on concern for meeting the basic needs of all New Mexicans
6. Meeting the state's interstate compact obligations
7. Providing a basis for prioritizing infrastructure investment
8. Providing statewide continuity of policy and management relative to our water resources

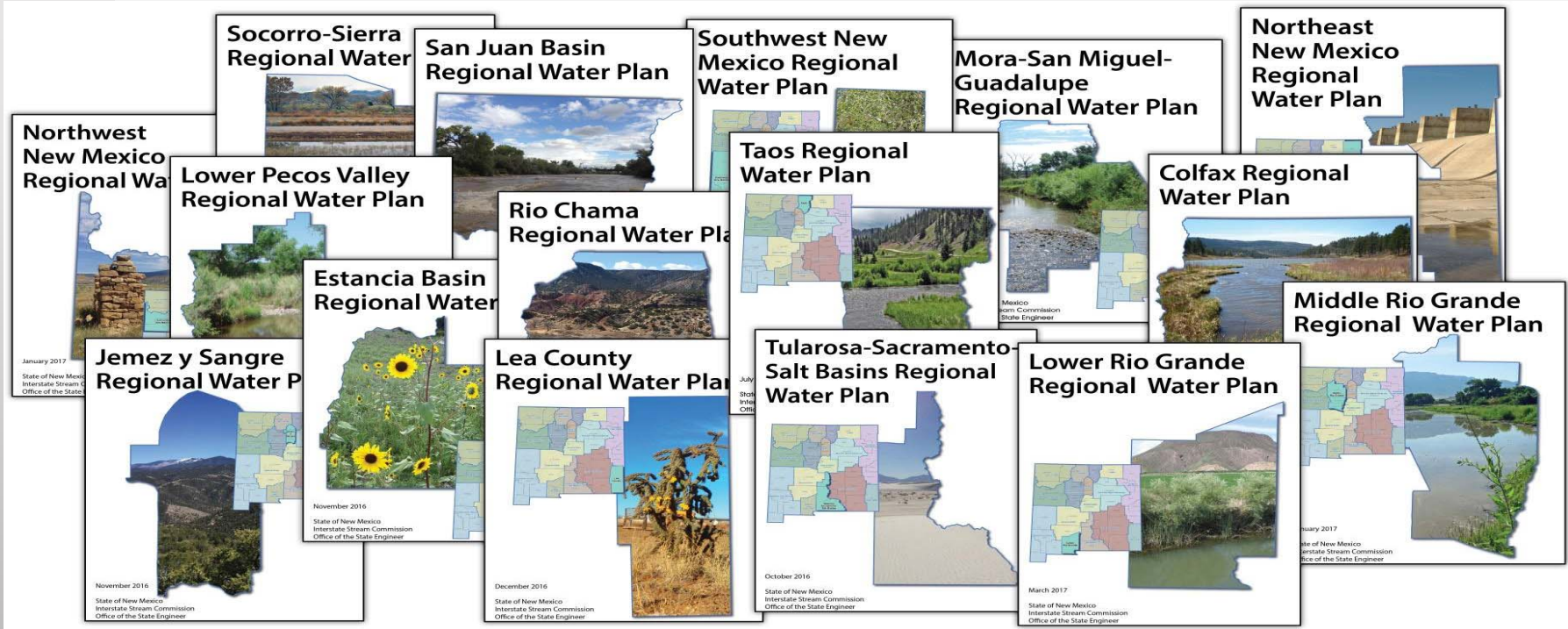
Planning Process is Continuous



Planning Process is Inclusive

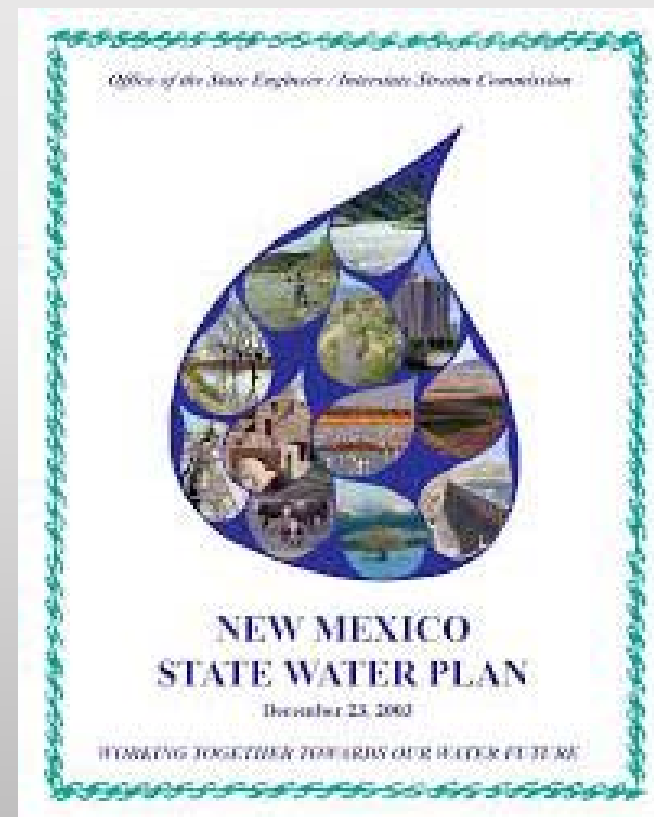
- ISC Planning Committee met regularly to discuss the SWP
- State Tribal Water Institute
- Government to Government Consultation with tribal governments
- Consultation with the OSE and WTB
- Interagency coordination to review draft plan
- State Water Plan Town Hall
- Regional Water Plans integrated
- Public comment period (received about 90 submissions)

Regional Water Plans

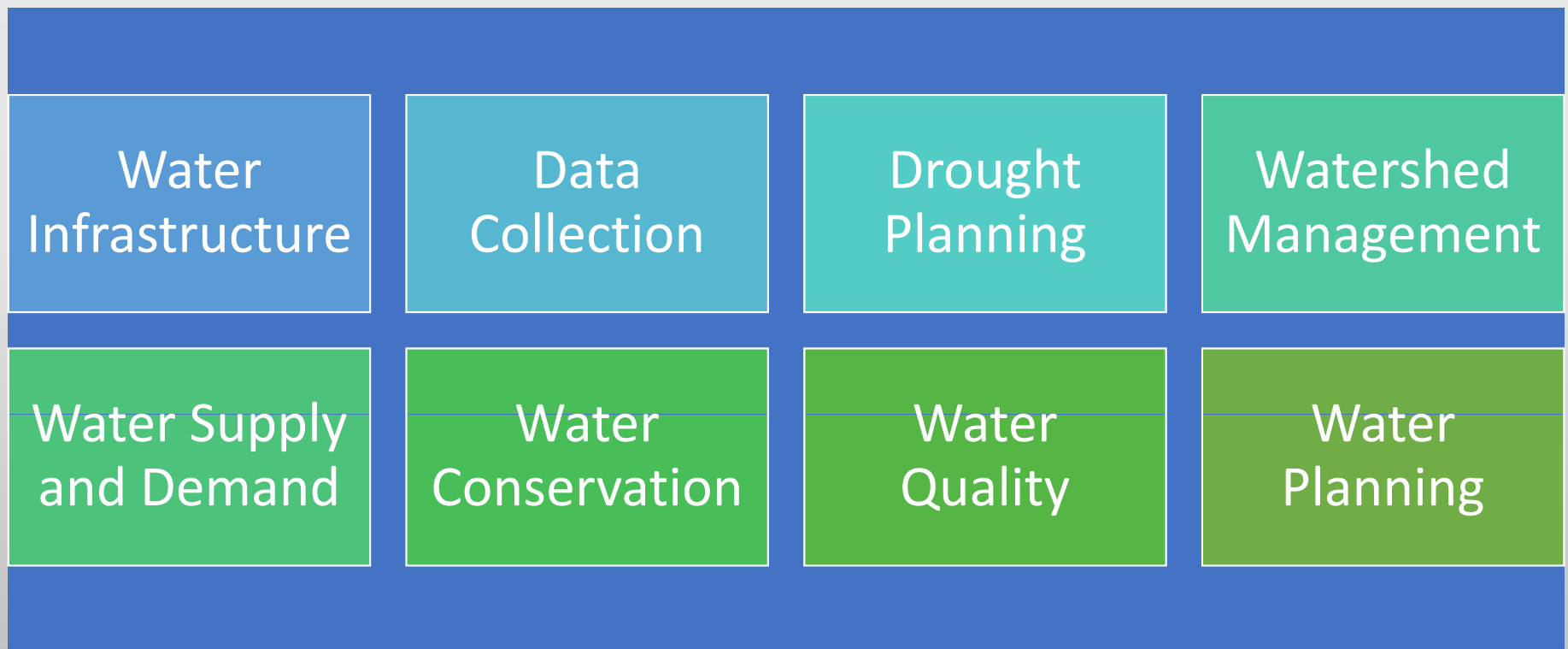


STATE WATER PLAN

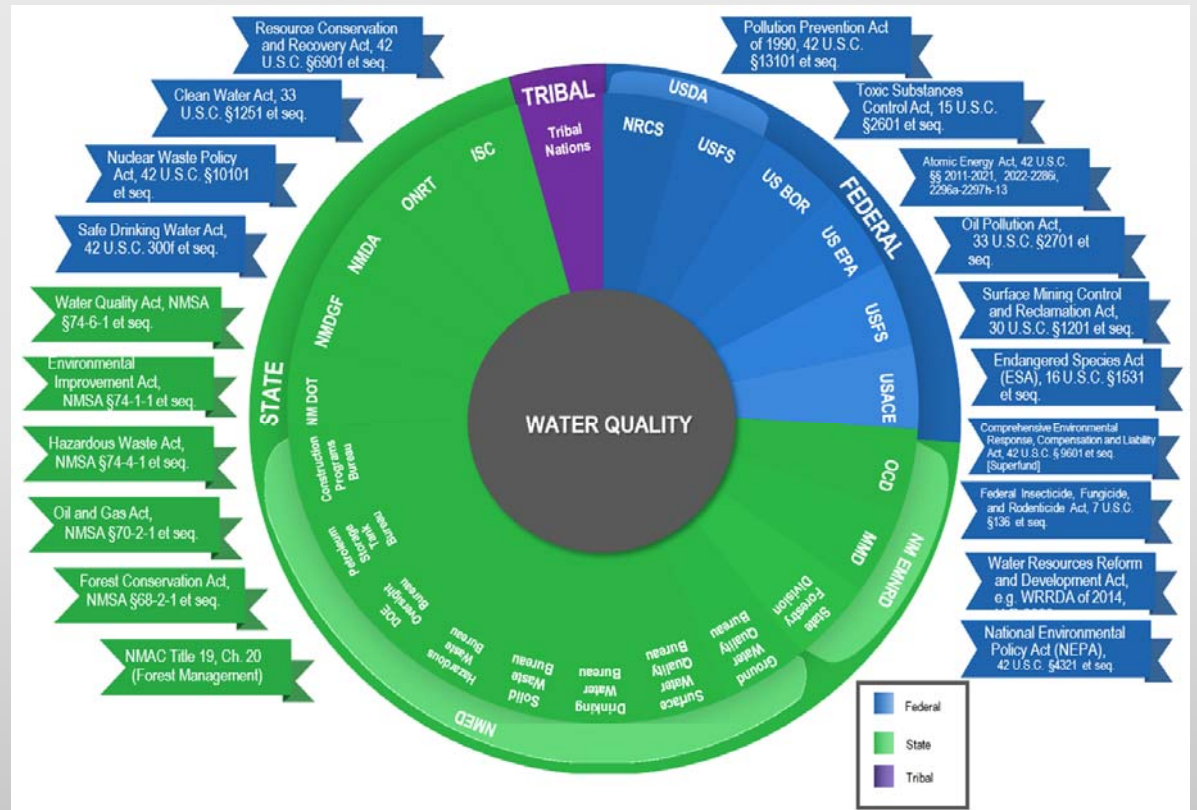
- NMSA 72-14-3.1
- 2003 → 2018
- 2018 Composed of 3 Parts
 - Policy
 - Technical Report
 - Legal Landmarks



New Mexico State Water Plan Part I: Policies



Example: Statutes and Organizations involved in Water Quality Protection



Example: Directory of Organizations Crucial to Support and oversight of Infrastructure

Example showing page 1 of 4 with websites for sources of funding and support/oversight for infrastructure

Infrastructure Type	Funding	Support, Construction, and/or Regulatory Oversight
Public Water Systems	US Bureau of Reclamation WaterSMART Programs <ul style="list-style-type: none"> Title XI Water Reclamation and Re-use Program Water and Energy Efficiency Grants Water Marketing Strategy Grants 	US Bureau of Reclamation <ul style="list-style-type: none"> Manages, develops and protects water projects and facilities
	NM Environment Department Construction Programs Bureau <ul style="list-style-type: none"> Rural Infrastructure Revolving Fund (mutual domestics and small communities or counties) 	NM Environment Department Construction Programs Bureau <ul style="list-style-type: none"> Administers capital outlay of public water system projects funded by legislature
		NM Office of the State Engineer <ul style="list-style-type: none"> Water Rights Division (Well Permitting)
		NM Rural Water Association
	NM Environment Department Drinking Water Bureau <ul style="list-style-type: none"> Drinking Water State Revolving Loan Fund (co-managed with NMFA) 	NM Environment Department Drinking Water Bureau <ul style="list-style-type: none"> Samples public water systems to ensure safety of water quality Provides board and operator training Conducts Water and Sewer Rate surveys Regulatory oversight of public water systems Technical, managerial, and financial assistance for public water systems
		NM Environment Department Surface Water Quality Bureau <ul style="list-style-type: none"> Supports US Environmental Protection Agency in Point Source Regulation (wastewater discharge to surface water) (New Mexico does not have primacy for National Pollution Discharge Elimination System (NPDES) permitting)
		US Environmental Protection Agency
	NM Finance Authority <ul style="list-style-type: none"> Drinking Water State Revolving Loan Fund (co-managed with NMDWB) Emergency Water Supply Fund for small communities Colonias Infrastructure Project Fund New Markets Tax Credits Public Project Revolving Fund Local Government Planning Fund Water Trust Board funds Local Infrastructure Capital Improvement Appropriations 	NM Interstate Stream Commission <ul style="list-style-type: none"> Arizona Water Settlement Act for non-NM Unit projects
		NM Water Infrastructure Team Colonias Infrastructure Board
		Legislative Oversight Committee Water Trust Board NM Finance Authority Board
	US Army Corps of Engineers <ul style="list-style-type: none"> Water Infrastructure Finance and Innovation Act provides incentives through low-cost federal loans 	US Army Corps of Engineers <ul style="list-style-type: none"> Builds and maintains infrastructure for Civil Works (Water Supply, Regulatory) Contingency Operations (Critical Infrastructure)
	US Department of Agriculture Rural Development <ul style="list-style-type: none"> Water and Waste Disposal Loan and Grant Program 	US Department of Agriculture Rural Development
	Rural Community Assistance Corporation <ul style="list-style-type: none"> Environmental Infrastructure Loan Program 	Rural Community Assistance Corporation <ul style="list-style-type: none"> Training and technical assistance to water and wastewater systems
	Border Environment Cooperation Commission <ul style="list-style-type: none"> Project Development Assistance Program (water and wastewater) 	Border Environment Cooperation Commission <ul style="list-style-type: none"> Administers Border 2020 Program (improve access to clean and safe water and waste management)

New Mexico State Water Plan Part II: Technical Report

History/Background
of Planning

Water Supply
(quantity and
quality)

Water Demand

Supply-Demand
Gap

Key Water Issues

Strategies

Key Issues

Insufficient Water Supply

Vulnerability to Climate

Water Management

Better Understanding of Water Resources

Water Quality

Water Infrastructure and Maintenance

Summary of Projects, Programs and Policies

Strategy Purpose	Total Cost	Number of PPPs	PPPs with Cost	Percent of PPPs with Cost Provided
Improve system efficiency	\$2,166,164,000	1412	868	61%
Protect existing supplies	\$1,429,200,000	705	509	72%
Increase water supply	\$342,528,000	135	85	63%
Reduce demand	\$326,811,000	180	87	48%
Improve understanding of water resources	\$13,941,000	151	64	42%
Drought mitigation	\$10,350,000	15	3	20%
Miscellaneous	\$4,391,000	6	3	50%
Public outreach/stakeholder involvement	\$1,017,000	17	5	29%
Water policy	NA	14	0	0%
Total	\$4,294,402,263	2,635	1,624	62%

New Mexico State Water Plan Part III: Legal Landmarks

The 1907
Water Code

Acequias and
Special
Districts

Interstate
Compacts

Drought and
Flood

Groundwater
Connection to
Surface Water

Adjudications

Native
American
Water Rights

Environmental
Regulations

Water
Planning

Using the State Water Plan

- SWP is a strategic management tool
- Water issues and their solutions are complex
- SWP provides information about:
 - water supply, demand and use
 - existing resources
 - strategies to address water issues
- Used to inform decisions and engage conversations
- SWP intended to be used by legislators and decisions makers

Next Steps

