

50-Year Water Plan Update/Status

Rolf Schmidt-Petersen

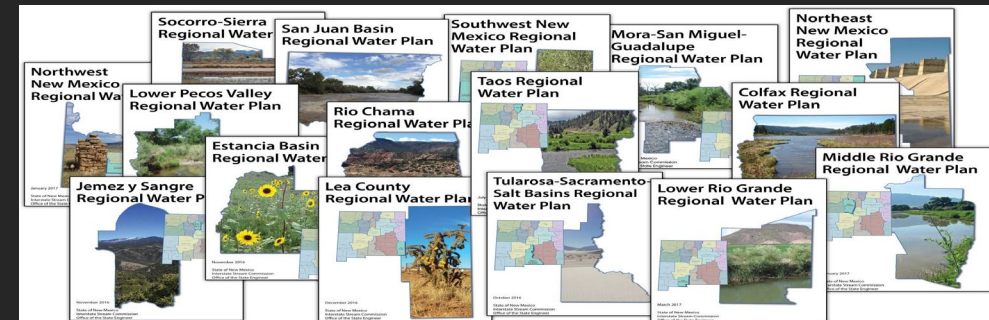
NM Interstate Stream Commission Director



Smart Water Management –
Sustainability –
Equity –

50-Year Water Plan Development

- Governor Lujan Grisham's Water Resilience Vision: Stewardship/Smart Water Management, Sustainability and Equity
- Proactively engage in water related climate work: Leap Ahead 50 Years
- Plan will serve as a tool for future decision making; Assess resiliency over the next 50 years



<https://www.ose.state.nm.us/Planning/index.php>

50-YWP Partners:

- NM Bureau of Geology and Mineral Resources
 - Volunteer Research Experts
- U.S. Army Corps of Engineers
- Water Resource Research Institute
- New Mexico Indian Affairs Department
- New Mexico Water Dialogue
- Other State Agencies - EMNRD, NMED, NMDA, DGF
- All of You! People with “Boots on the Ground” Experience



New Mexico
Indian Affairs
Department



What the 50 Year Water Plan will Contain?

- **An executive level report/plan with supporting materials -**
 - Overview of Anticipated Changes across our landscape and Outreach Efforts
 - Goal of Resilience in the Face of Climate Change – What Resilience means
 - Identify where New Mexicans are resilient to the anticipated changes
 - Identify where more work is needed to improve resilience
 - Provide recommendations for improved resilience
 - Policy – State, Federal, Local - NMISC Organization, NMOSE, Non-Government Organizations
 - Operations/Land Management
 - For Local decision making/makers
 - Research

- **Supporting Materials**
 - NMBG&MR Water Matters report – Climate Change “Leap Ahead” Assessment
 - WRRI – New Mexico Water Budget Incorporating the “Leap Ahead”
 - NMISC Web materials from Leap Ahead, Water Budget, and More – For use by decision-makers



THE 50 YEAR WATER PLAN WILL CONTAIN **an executive level report/plan with supporting materials**

The Report/Plan will include:

- An overview of anticipated changes across our landscape and outreach efforts
- Goal of resilience in the face of climate change and the impacts to the New Mexico landscape
 - Recognize where New Mexicans are resilient to the anticipated changes in climate
 - Recognize where more work is needed to implement change to reach water resilience goals
- Provide recommendations for improved resilience for:
 - Public water systems
 - Agriculture
 - Watersheds and habitat
 - Industrial, mining, and power
 - Recreation and quality of life

Supporting Materials

- NMBG&MR Water Matters report – Climate Change “Leap Ahead” Assessment
- WRRI – New Mexico water budget incorporating the “Leap Ahead”
- NMISC web materials from Leap Ahead, water budget, and more – For use by decision-makers

SCIENCE FOUNDATION

- What to expect from our water resources given the changing climate?

Public / Tribal Response

Leap Ahead Assessment from NMBGMR

State Agency Response

January - September

INFORMS

RESILIENCE ASSESSMENT

- Where are we resilience, where are we not?

Public / Tribal Input

Public Resilience Assessment

State Resilience Assessment

State Agency Input

September - October

INFORMS

FORMULATION OF RECOMMENDATIONS

- What's needed to increase our resilience?

INCORPORATE INFRASTRUCTURE ACT INTO PROCESS/TIMELINE

✓ Additional Outreach and Coordination

October – Today - ??

INFORMS

COMPLETION OF 50-YEAR PLAN

July 2022

REPORT WRITING