

# Regional Water Commons Meeting Agenda Packet

## Next Meeting:

**WEDNESDAY, MARCH 16, 2022 AT 9:00AM**

**MICROSOFT TEAMS MEETING**

## Agenda Packet Includes:

- A. Next Meeting's Agenda*
- B. Attachments*
- C. Previous Meeting Packet*
- D. Agenda, Meeting Notes, Takeaways*
- E. Presentation Slides*



**McKinley County**  
207 West Hill Avenue  
Gallup, NM 87301



**NWNM Council of  
Governments**  
106 West Aztec Avenue  
Gallup, NM 87301



# Regional Water Commons (RWC)

a joint program with McKinley County and its working partners

## AGENDA PACKET

### Regional Water Commons

#### Next Meeting

Wednesday, March 16, 2022  
9:00AM – 10:00AM

**Microsoft Teams Meeting**



---

# REGIONAL WATER COMMONS

## BI-MONTHLY MEETING

---

**Wednesday, March 16, 2022**

**9 AM — 10 AM**

[Virtual Meeting](#)

---

# A G E N D A

---

<b>WELCOME</b>	<i>Angelina Grey</i>
<b>PRESENTATIONS</b> <i>Regional Water Planning Updates Joint Powers Agreement Update Bipartisan Infrastructure Bill Update</i>	<i>Angelina Grey Blanca Surgeon, RCAC Ramon Lucero, RCAC</i>
<b>WATER SYSTEMS LIGHTNING ROUND</b>	<i>Water Systems</i>
<b>COG REVIEW / UPDATES</b>	<i>Angelina Grey</i>
<b>STANDING PARTNER UPDATES</b>	<i>NMED, RCAC</i>
<b>CLOSING</b>	<i>Angelina Grey</i>

**REGULAR MEETING SCHEDULE:**

*These “coffee hour” meetings will give small water systems an opportunity to discuss issues, get updates and news, provide guidance, training, etc. This is your time to connect with the County and its working partners to establish a line of support and communication to work towards efficient planning strategies.*

Third Wednesdays of every month, from 9am to 10am.

[Meetings are virtual until further notice.](#)

**NEXT MEETING – Wednesday, May 18, 2022, from 9:00AM to 10:00AM**

# Regional Water Commons Meeting

Wednesday, March 16, 2022  
9AM — 10AM

*Presented by McKinley County and its working partners*



Next Meeting: Wednesday, May 18, 2022



**McKinley County**  
207 West Hill Avenue  
Gallup, NM 87301  
(505) 863-1400  
<https://www.co.mckinley.nm.us/>

**NWNM Council of Governments**  
110 West Aztec Avenue  
Gallup, NM 87301  
(505) 722-4327  
[www.nwnmcog.com](http://www.nwnmcog.com)



# AGENDA

---

## WELCOME

*Angelina Grey, COG*

---

## PRESENTATION

*Regional Water Planning Update  
Joint Powers Agreement Update  
Bipartisan Infrastructure Bill Update*

*Angelina Grey  
Blanca Surgeon  
Ramon Lucero*

---

## WATER SYSTEMS LIGHTNING ROUND

*Water Systems*

---

## COG REVIEW/UPDATES

*Angelina Grey*

---

## STANDING PARTNERS UPDATES

*NMED, RCAC*

---

## CLOSING

*Angelina Grey*

# REGIONAL WATER PLANNING UPDATE

## PRESENTATION

### WRI Programming Activities (January – March)

1. **Systems Workshop (2/8/22)**
2. **Meetings with Systems (2/22/22 through 2/24/22)**
  - a. Bluewater WSD
  - b. Catalpa MDWCA
  - c. Allison MDWCA
3. **JPA Meeting (2/23/22)**
4. **Additional Meetings with Other Systems**
  1. Yahtahey WSD
  2. Williams Acres WSD
  3. Ramah WSD

# JOINT POWERS AGREEMENT UPDATE

## PRESENTATION

### JPA Process Update

- 2 of 3 agreeing water systems have signed the Joint Powers Agreement
  - White Cliffs MDWUA
  - Gamerco WSD
- **Yahatahey WSD**
  - New board members selected
  - Process of transferring powers and authority from Receivership to new YWSD Board
  - *In progress*
- **Next JPA Meeting (4/27/22)**

Any questions or concerns, please forward to Angelina at [agrey@nwnmcog.org](mailto:agrey@nwnmcog.org)

# BIPARTISAN INFRASTRUCTURE BILL UPDATE

## PRESENTATION

The Infrastructure Investment and Jobs Act, or the Bipartisan Infrastructure Bill, was introduced and enacted by Congress, on November 15, 2021. The act is a \$715 billion infrastructure package to aid local infrastructure projects, such as broadband access, clean water and transportation.

### 1. Past Webinars

- a. Passenger and Freight Rail - February 28, 2022
- b. Public Transportation - February 24, 2022
- c. Electric Vehicles - February 22, 2022

### 2. Upcoming Webinars

- a. Water - March 15th, 2 pm
- b. Resilience - March 17th, 2 pm
- c. Environmental Remediation - March 22nd, 2 pm
- d. Broadband - March 24th, 2 pm

Keeping our region as priority!



# WATER SYSTEMS LIGHTNING ROUND

*Open floor for Water Systems and other attendees*

## Brief Updates from Small Water Systems



# COG REVIEW / UPDATES



## Capital Outlay Recap

- 2022 Legislative Session ended (February 17<sup>th</sup> and Governor made final signatures)
- Capital Outlay Update
  - If awarded, please follow up with respective agencies

## Water Trust Board

- Williams Acres WSD

## Community Development Block Grant

- White Cliffs Water Storage Project (McKinley County)
- West Logan Street & Drainage (City of Gallup)
- Next cycle opens: TBD

## Infrastructure Capital Improvement Plan

- Start preparing in July and August

# PROJECTEERING



## January - March

- ★ Navajo CDBG Applications due | January
- 🏛️ NM Legislature Opens | January
- 💧 WTB Readiness Application Due | January
- 🏛️ Legislative Capital Outlay Request Forms Due | January
- 🏛️ Senior Center Application Training | January - February
- ★ CDBG LMI Methodology Deadline | February 14th
- 🚗 RTIPR Prioritization | February
- ➔ TIF Portal Opens | February
- ★ CDBG Threshold Deadline | March 13th
- 🏛️ Final Capital Outlay Bill | March
- 🚗 ZIPPR Prioritization | March
- ➔ TIF Application Deadline | March
- 💧 WTB Legislature Phase 1 Project Approvals | January - March

WINTER

## April - June

- 🏛️ 2020 G.O. Bonds due to ALTSD | April
- 🏛️ Senior Center Applications due to ALTSD | April
- 🚗 Call for all Transportation Projects Notice | April
- ★ CDBG LMI Calculation Deadline | April 10th
- 💧 WTB Funding recommendations to NMFA | May
- 💧 WTB Final Approval/Awards | May
- 🌐 Local Governments Only - Prelim Budgets Due | June 1st
- ★ CDBG Application Due | June 11th
- ➔ TIF Award Announcement | June
- 🏛️ NM Local Gov't Certifications of Severance Tax Bonds (STB) / Bonds sold for Capital Outlay Projects *for local and tribal governments*

SPRING

# COG REVIEW / UPDATES



## Upcoming Calendar Events (March – May)

1. Training: “Consumer Confidence Reporting Compliance (NM)” (3/23/22, 5PM-8PM)
2. Training: “Optimizing Nutrient Removal in Wastewater Treatment Plants” (3/31/22, 11AM - 12:30PM)
3. Training: “Taking Action to Address Apparent Losses” (3/31/22, 11AM - 12PM) *Credited towards Utility Operator Certification*
  - For managers, owners, operators, board members, local government, and consultants
4. 2022 New Mexico Water Workshop (4/7/22 through 4/8/22)
5. Training: “Taking Action to Address Real Losses” (4/14/22, 11AM - 12PM) *Credited towards Utility Operator Certification*
  - For managers, owners, operators, board members, local government, and consultants
6. Training: “Mapping Water Loss Control & Asset Management” (4/28/22, 11AM - 12PM) *Credited towards Utility Operator Certification*
  - For managers, owners, operators, board members, local government, and consultants
7. Training: “Low Cost Nutrient Removal (for Ww Operators)” (5/10/22 & 5/12/22, 8AM - 5PM) *FREE!*
  - For managers, owners, operators, board members, local government, and consultants

For more information on registration, go to [NMENV website](https://www.env.nm.gov):

<https://www.env.nm.gov/events-calendar/?trumbaEmbed=date%3D20220301%26index%3D0>

# STANDING PARTNERS

NMED, RCAC



## News and Updates



New Mexico Department of  
Finance & Administration

# CLOSING

1. Closing Remarks
2. Questions or Comments
3. Issues or Concerns



**Next Meeting:  
Wednesday, May 18, 2022**

# CONTACT INFORMATION



**McKinley County**  
[www.co.mckinley.nm.us/](http://www.co.mckinley.nm.us/)

**Anthony Dimas**  
County Manager  
[anthony.dimas@co.mckinley.nm.us](mailto:anthony.dimas@co.mckinley.nm.us)

**Doug Decker**  
County Attorney  
[doug.decker@co.mckinley.nm.us](mailto:doug.decker@co.mckinley.nm.us)



**NWNM Council of Governments (COG)**  
[www.nwnmcog.com](http://www.nwnmcog.com)

**Evan Williams**  
Executive Director  
(505) 722-4327 (office)  
[ewilliams@nwnmcog.org](mailto:ewilliams@nwnmcog.org)

**Angelina Grey**  
Associate Planner II  
(505) 728-6198 (cell)  
[agrey@nwnmcog.org](mailto:agrey@nwnmcog.org)

# CONTACT INFORMATION

*Standing Partners*



## **NM Environment Department**

[www.env.nm.gov/drinking\\_water/](http://www.env.nm.gov/drinking_water/)

### **Jill Turner**

Sustainable Water Infrastructure Group Manager

(505) 476-8623

[jill.turner@state.nm.us](mailto:jill.turner@state.nm.us)

### **Karen Torres**

SWIG Community Service Program Manager

(505) 827-0027

[karenm.torres@state.nm.us](mailto:karenm.torres@state.nm.us)

### **Catherine Conran**

SWIG Community Services Coordinator (NW region)

(505) 476-3730

[catherine.conran@state.nm.us](mailto:catherine.conran@state.nm.us)



## **Rural Community Assistance Corporation**

[www.rcac.org](http://www.rcac.org)

### **Blanca Surgeon**

[bsurgeon@rcac.org](mailto:bsurgeon@rcac.org)

### **Karen Tapias**

[ktapias@rcac.org](mailto:ktapias@rcac.org)

### **Ramon Lucero**

[rlucero@rcac.org](mailto:rlucero@rcac.org)





# Regional Water Commons (RWC)

## AGENDA PACKET

### Regional Water Commons

#### **Previous Meeting**

Wednesday, January 19, 2022  
9:00AM – 10:00AM

[Microsoft Teams Meeting Recording](#)



---

# REGIONAL WATER COMMONS

## MONTHLY MEETING

---

**Wednesday, January 19, 2022**

**9 AM — 10 AM**

[Virtual Meeting](#)

---

# A G E N D A

---

<b>WELCOME</b>	<i>Angelina Grey</i>
<b>PRESENTATIONS</b> <i>Regional Water Planning</i> <i>Water Regionalization Initiative Update</i>	<i>Andrew Erdmann</i> <i>Dominique Cartron</i>
<b>SYSTEMS LIGHTNING ROUND</b>	<i>Water Systems</i>
<b>COG REVIEW / UPDATES</b>	<i>Angelina Grey</i>
<b>STANDING PARTNER UPDATES</b>	<i>NMED, RCAC</i>
<b>CLOSING</b>	<i>Angelina Grey</i>

**REGULAR MEETING SCHEDULE:**

*These “coffee hour” meetings will give small water systems an opportunity to discuss issues, get updates and news, provide guidance, training, etc. This is your time to connect with the County and its working partners to establish a line of support and communication to work towards efficient planning strategies.*

Third Wednesdays of every month, from 9am to 10am.

[Meetings are virtual until further notice.](#)

**NEXT MEETING – Wednesday, March 16, 2022, from 9:00AM to 10:00AM**

# Regional Water Commons Meeting

Wednesday, January 19, 2022  
9AM — 10AM

*Presented by McKinley County and its working partners*



Next Meeting: Wednesday, March 16, 2022



**McKinley County**  
207 West Hill Avenue  
Gallup, NM 87301  
(505) 863-1400  
<https://www.co.mckinley.nm.us/>

**NWNM Council of Governments**  
110 West Aztec Avenue  
Gallup, NM 87301  
(505) 722-4327  
[www.nwnmcog.com](http://www.nwnmcog.com)



# AGENDA

## WELCOME

*Angelina Grey, COG*

---

## PRESENTATION

*Regional Water Planning  
Water Regionalization Initiative Update*

*Andrew Erdmann  
Dominique Cartron*

---

## SYSTEMS LIGHTNING ROUND

*Water Systems*

---

## COG REVIEW/UPDATES

*Angelina Grey*

---

## STANDING PARTNERS UPDATES

*NMED, RCAC*

---

## CLOSING

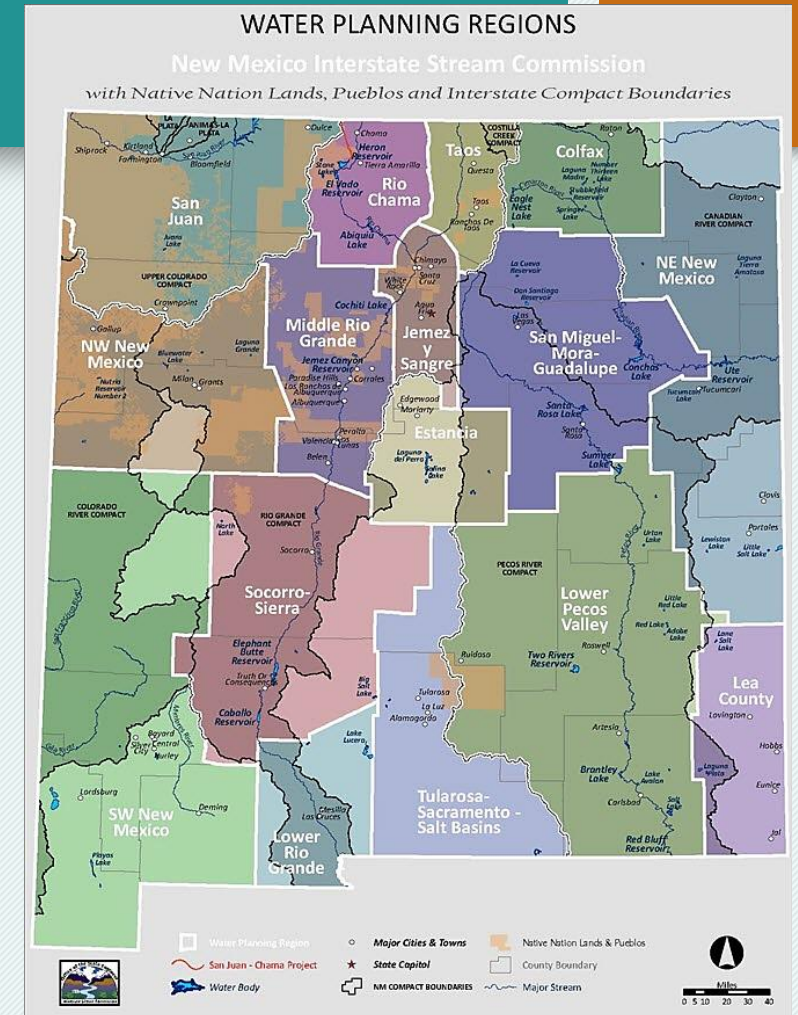
*Angelina Grey*

# REGIONAL WATER PLANNING PRESENTATION

## Regional Water Planning NM 50-Year Water Plan

Dominique Cartron, Attorney  
Daniel B. Stephens & Associates  
[dcartronlaw@cybermesa.com](mailto:dcartronlaw@cybermesa.com)

Andrew Erdmann,  
[andrew.erdmann@state.nm.us](mailto:andrew.erdmann@state.nm.us)  
Water Planning Program Manager  
NM Interstate Stream Commission



# SYSTEM LIGHTNING ROUND

*Open floor for Water Systems and other attendees*

- **Key issues to discuss**
- **Topic suggestions for next meeting**
- **Other recommendations**



# COG REVIEW / UPDATES



## Capital Outlay Recap

- 2022 Legislative Session will be a 30-day session: January 18th through February 17th
- Capital outlay request deadline passed (Thursday, January 13, 2022).
- Reauthorization deadline: January 30, 2021
- Entities that submitted CORs may request for progress updates from Brandon Howe (COG Lead Planner)  
[bhowe@nwnmcog.org](mailto:bhowe@nwnmcog.org)
- Capital outlay outcomes at next meeting
- Mini-workshop for “New/Distinctive” Small Water Systems: **TBD**

## Upcoming Events:

1. Mini-workshop for “New/Distinctive” Small Water Systems: Tuesday, February 8, 2022, from 9AM to Noon.
  1. Reached out to entities that fall under this category
  2. Next focus: updates on systems status, planning sessions for project priorities and funding strategies
2. Webinar information shared with small water systems.

# STANDING PARTNERS

NMED, RCAC



## News and Updates



New Mexico Department of  
Finance & Administration



# CLOSING

1. Closing Remarks
2. Questions or Comments
3. Issues or Concerns



**Next Meeting:  
Wednesday, March 16, 2022**

# CONTACT INFORMATION



## McKinley County

[www.co.mckinley.nm.us/](http://www.co.mckinley.nm.us/)

Anthony Dimas

County Manager

[anthony.dimas@co.mckinley.nm.us](mailto:anthony.dimas@co.mckinley.nm.us)

Doug Decker

County Attorney

[ddecker@co.mckinley.nm.us](mailto:ddecker@co.mckinley.nm.us)



## NWNM Council of Governments (COG)

[www.nwnmcog.com](http://www.nwnmcog.com)

Evan Williams

Executive Director

(505) 722-4327 (office)

[ewilliams@nwnmcog.org](mailto:ewilliams@nwnmcog.org)

Angelina Grey

Associate Planner II

(505) 728-6198 (cell)

[agrey@nwnmcog.org](mailto:agrey@nwnmcog.org)

# CONTACT INFORMATION

*Standing Partners*



## **NM Environment Department (NMED)**

[www.env.nm.gov/drinking\\_water/](http://www.env.nm.gov/drinking_water/)

**Jill Turner**

Sustainable Water Infrastructure Group Manager

(505) 476-8623

[jill.turner@state.nm.us](mailto:jill.turner@state.nm.us)

**Karen Torres**

SWIG Community Service Program Manager

(505) 827-0027

[karenm.torres@state.nm.us](mailto:karenm.torres@state.nm.us)

**Catherine Conran**

SWIG Community Services Coordinator (NW region)

(505) 476-3730

[catherine.conran@state.nm.us](mailto:catherine.conran@state.nm.us)



## **Rural Community Assistance Cooperative (RCAC)**

[www.rcac.org](http://www.rcac.org)

**Olga Morales**

Assistant Director

(575) 382-6992

[omorales@rcac.org](mailto:omorales@rcac.org)

**Ramon Lucero**

[rlucero@rcac.org](mailto:rlucero@rcac.org)

# 50-Year Water Plan Update/Status

**Andrew Erdmann**

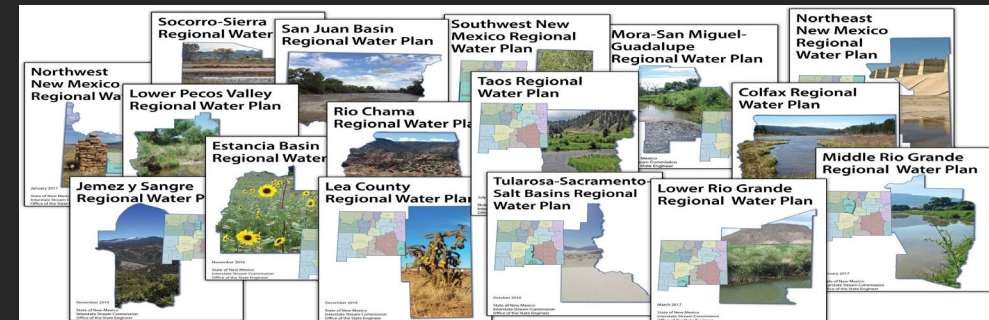
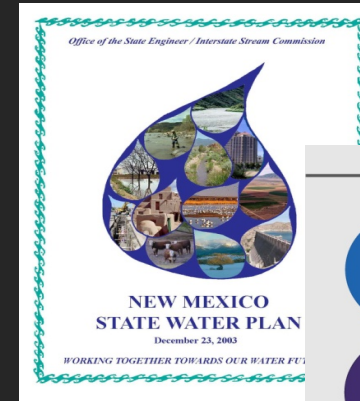
**NM Interstate Stream Commission  
Planning Program Manager**



**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>

# Partners

- New Mexico Indian Affairs Department
  - Tribal Water Work Group Volunteers
- NM Bureau of Geology & Mineral Resources
  - Research Expert Volunteers
- U.S. Army Corps of Engineers
- New Mexico Water Dialogue
- Water Resources Research Institute
- Other State Agencies - EMNRD, NMED, NMDA, DGF



New Mexico  
Indian Affairs  
Department



**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

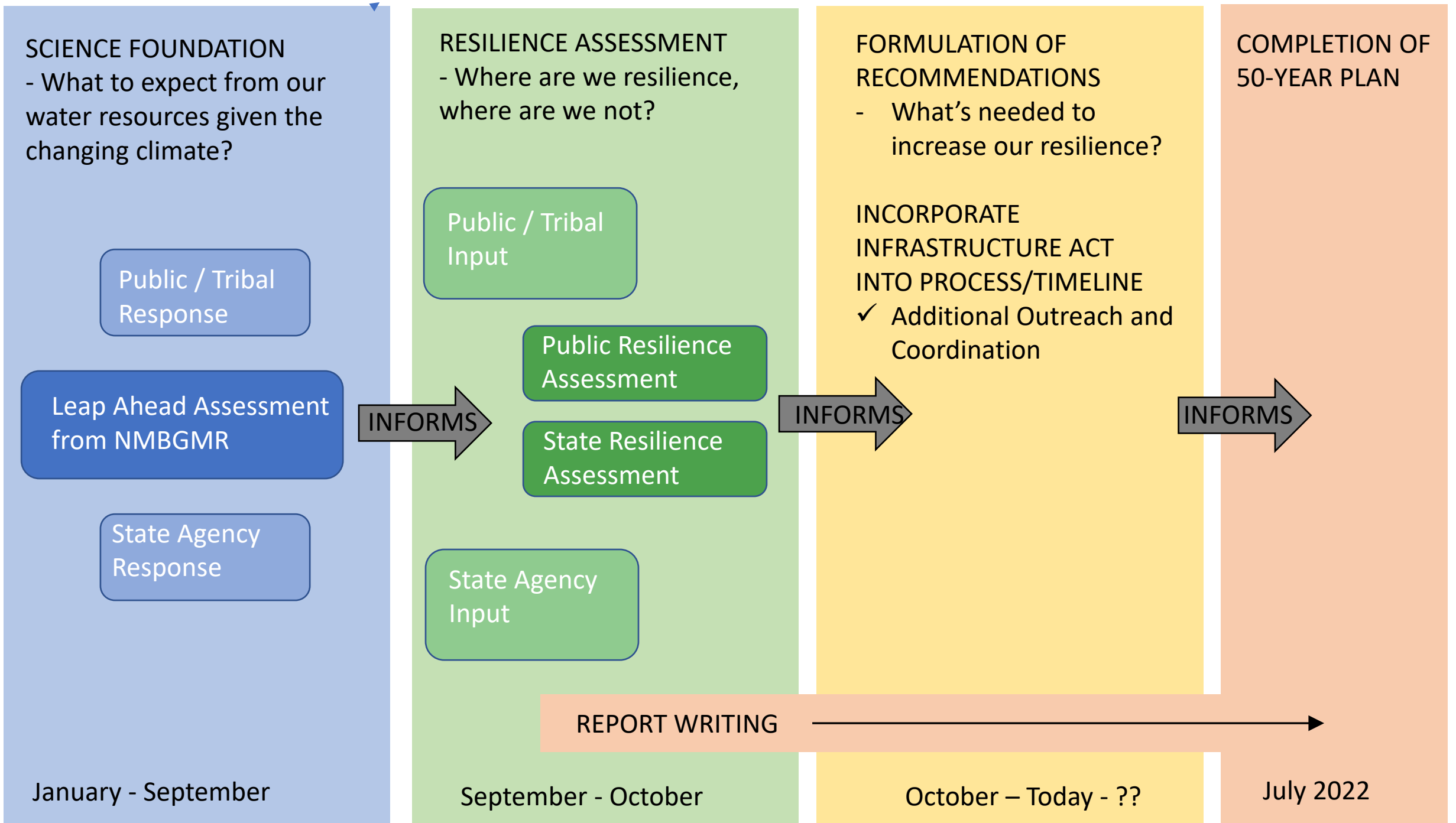
October – Today - ??

INFORMS

**COMPLETION OF 50-YEAR PLAN**

REPORT WRITING

July 2022



# 50-YEAR WATER PLAN - CONTENTS

## Executive Level Document w/ Supporting Materials:

- Intended to be short and easy to read for decision-makers
- Overview of anticipated water-related changes to our landscape resulting from climate change
  - Summary of “Leap Ahead” Report from NM Bureau of Geology and Mineral Resources
- Resilience Assessment – *Including Public Input*
  - Where are we resilient? Where are we not? And what’s needed?
- Recommendations to Increase Resilience – *Including Public Input*
  - Research and Data Needs
  - Projects / Infrastructure
  - Policy / Governance
  - Water User Actions – Individual, Local Community

## Supporting Materials

- “Leap Ahead” Report from NMBGMR
- Tribal Water Work Group?
- Resilience Assessment in more detail
- Summary of Public Input
- WRRRI – New Mexico water budget incorporating the “Leap Ahead”

***Your input will be critical to the success of the plan.***



# Assessment of Impact of Climate on New Mexico Water Resources over the Next 50 Years

AKA, “The Leap  
Ahead Analysis”

A collaboration *between*  
*two state-funded agencies*



# NEW MEXICO'S WATER FUTURE = *DRIER / MORE VARIABLE*

- Anticipated continued changes in climate will mean *less water is available* while demands continue to increase.
- Given this new reality, we must plan ahead to ensure continuing economic development and the needs of all New Mexicans are met.

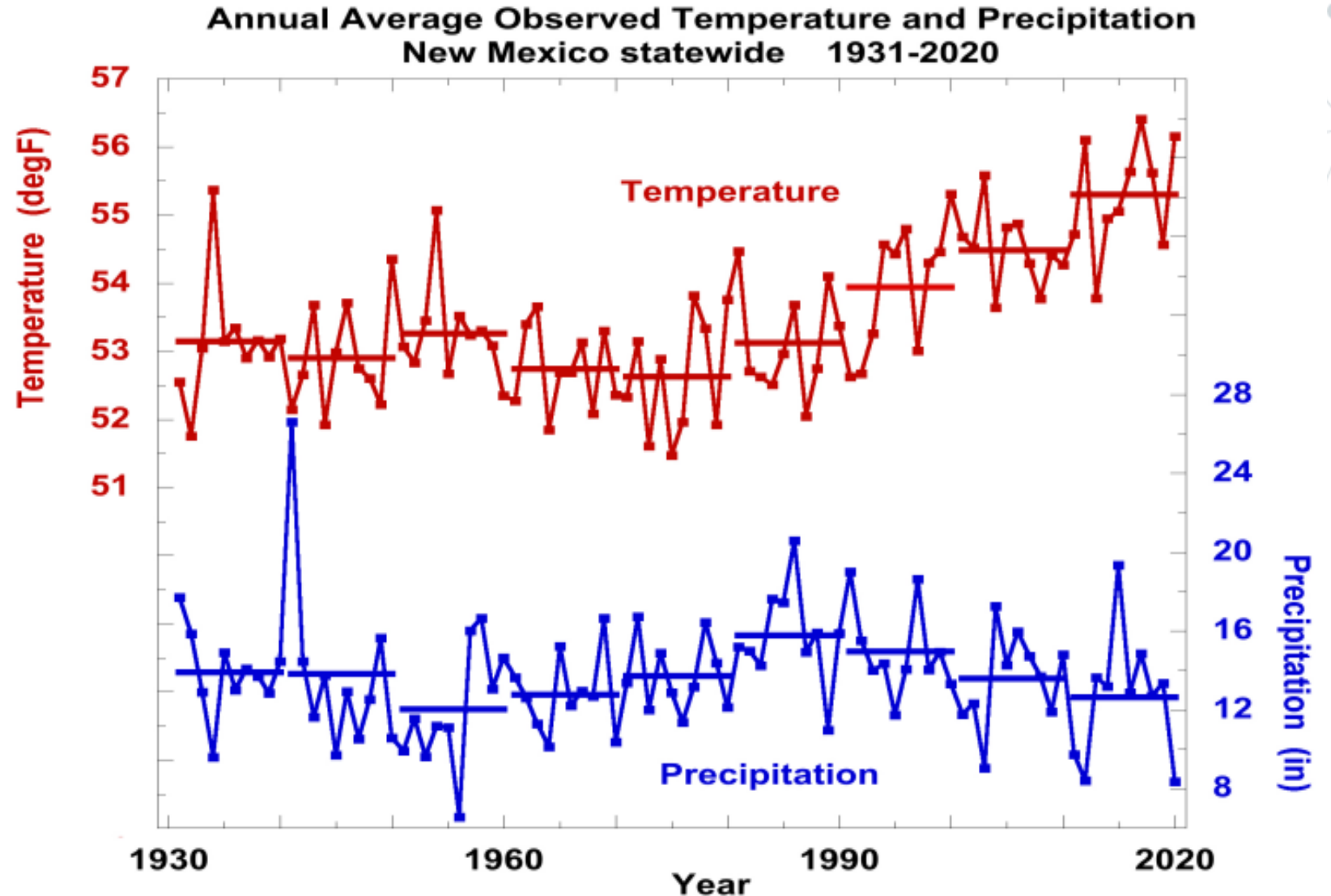
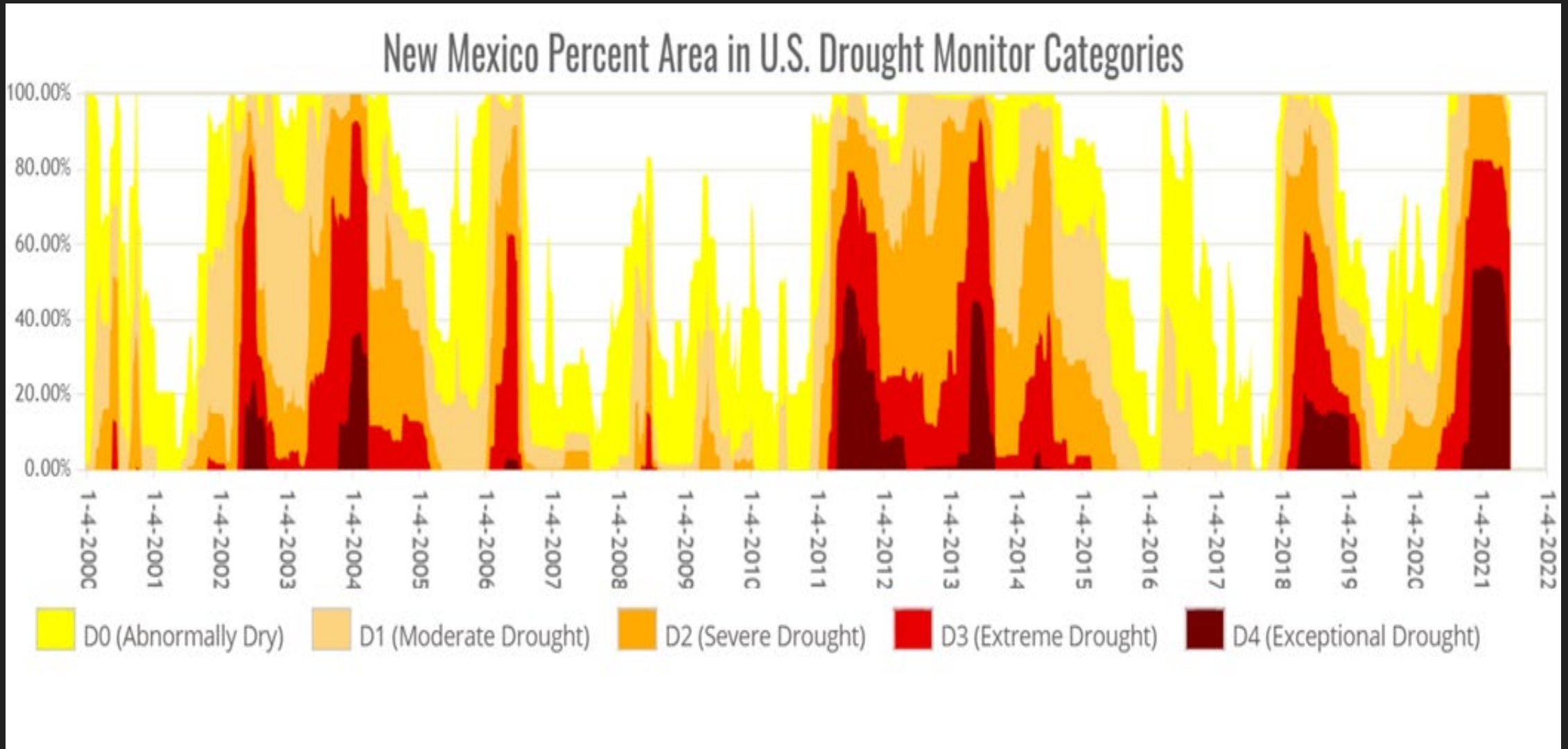


Image from [Climate Change in New Mexico over the Next 50 Years: Impacts on Water Resources](#)

# Twenty Years of Dry and Drier Conditions (2000-2020) for New Mexico



# Temperature Change in New Mexico

- Temperature increase will occur throughout the entire state.
- Especially high in the Northwest part of the state.

Annual average temperature simulated by 20 CMIP5 climate simulations by different models, spatially 337 averaged over the state of New Mexico. Temperature change is 344 defined as the difference between two thirty-year averages: (2040-2069) minus (1971-2000); the central years of 345 these averaging periods are 70 years apart, so this plot represents 70-year temperature changes across the state.

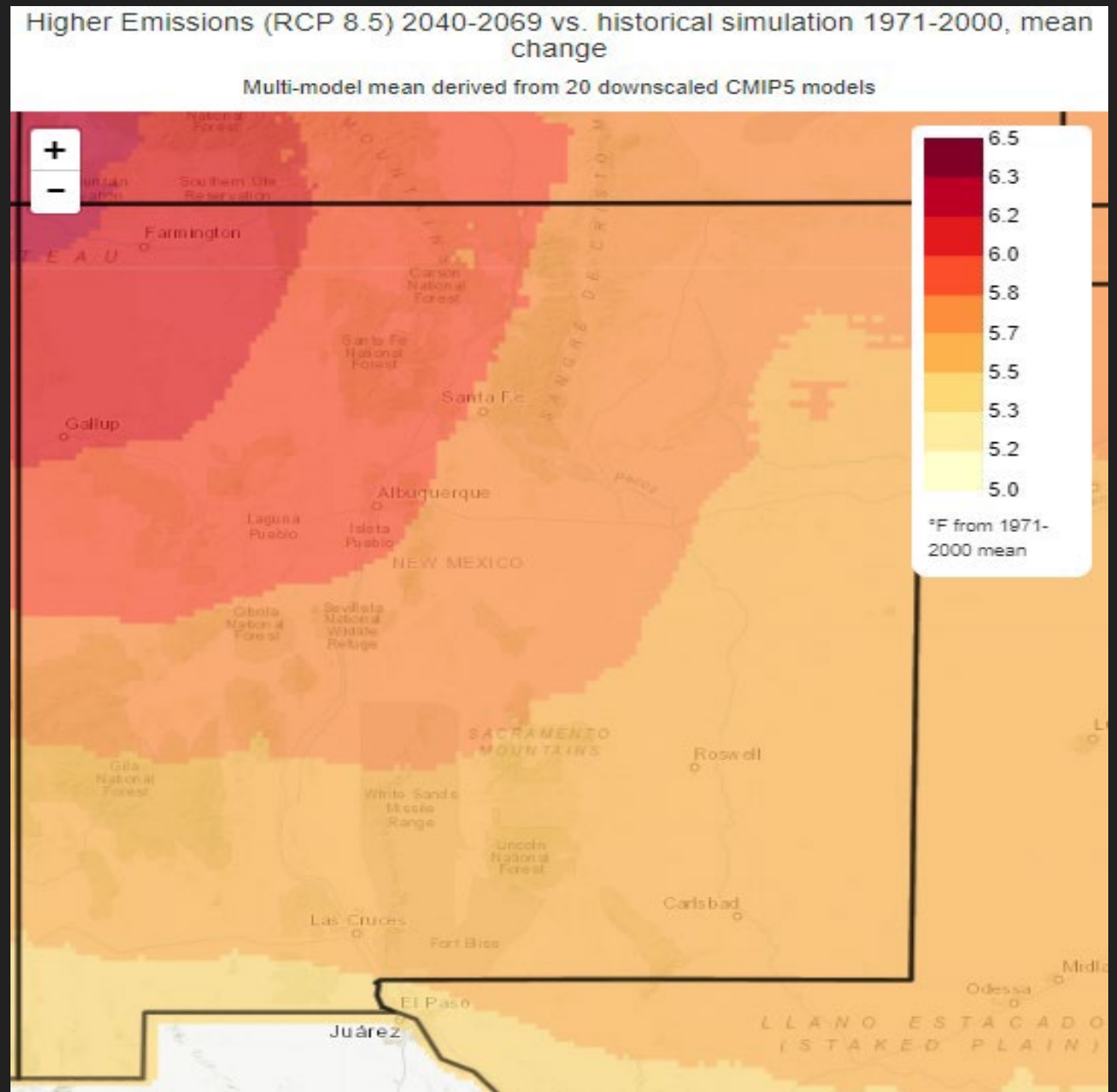


Image from [Climate Change in New Mexico over the Next 50 Years: Impacts on Water Resources](#)

# National Water Stress Index

While the eastern half of the country can expect more water, the west can expect more water stress, and NM is no exception

Projected change in water stress by mid-century (2040-2061) compared to historical average (1900-2668 1970). Lindsey, 2013.

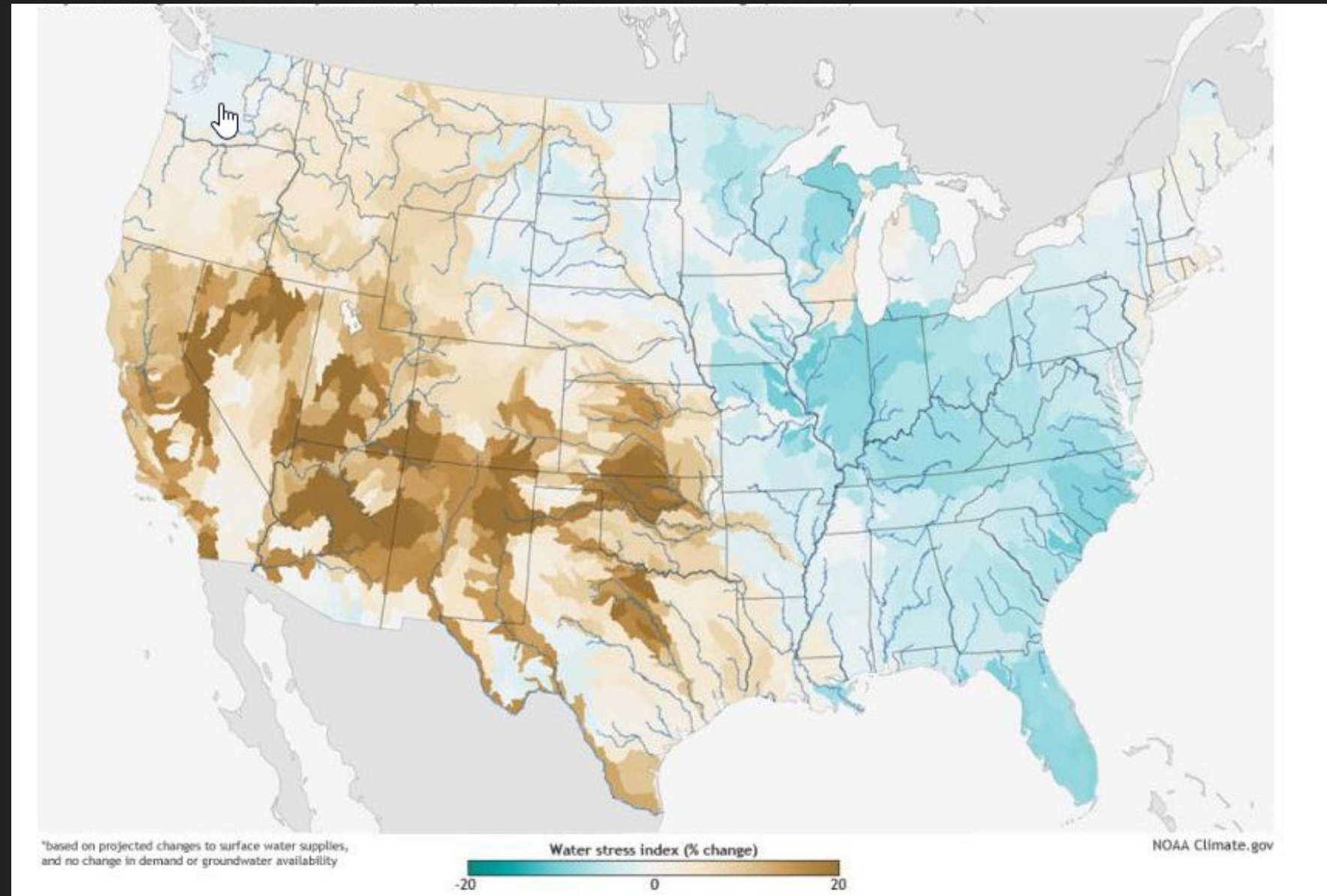
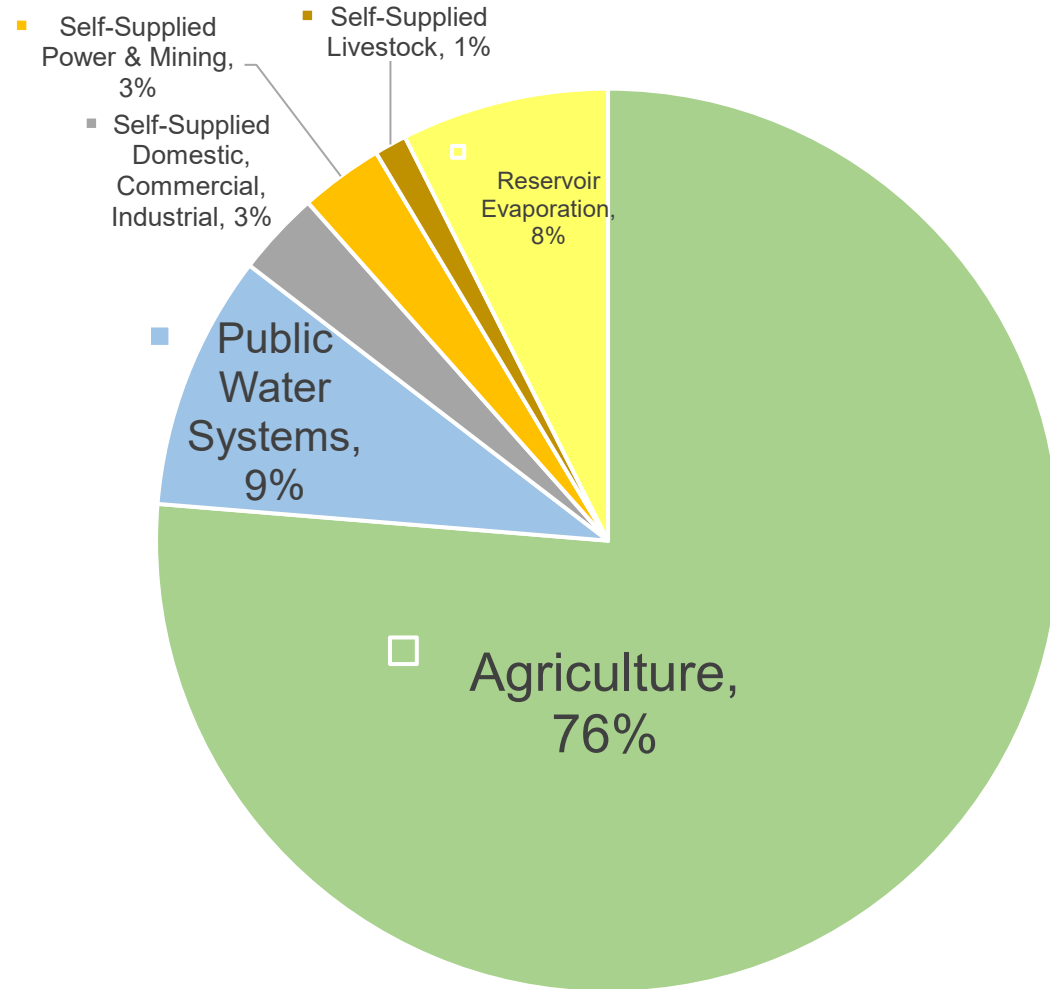


Image from [Climate Change in New Mexico over the Next 50 Years: Impacts on Water Resources](#)

# OSE Water Use Sectors –

Irrigated  
Agriculture is the  
Largest Use  
Sector



New Mexico Water Use by Categories  
2015

Water Use in 2015

# Resilience in New Mexico



Many of our cities and towns are planning for drier and more variable times (Upwards of \$1 Billion invested):

- The Albuquerque Bernalillo County Water Utility 100-Year Plan and San Juan Chama Drinking Water Project,
- City of Santa Fe Long-Range Plan and Buckman Diversion Project,
- San Juan Water Commission Animas-La Plata Project and related Planning,
- Eastern New Mexico Rural Water System Pipeline Project and Planning

# Resilience in New Mexico



**IRRIGATED  
AGRICULTURE HAS  
ALSO BEEN  
RESPONDING**

**Over \$16 million to  
Acequia and Community  
Ditch improvements just  
in the last two years.**

**Active Water Resource  
Management  
Implemented in many  
areas of the State to  
provide water to senior  
users while also allowing  
for water sharing**



**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

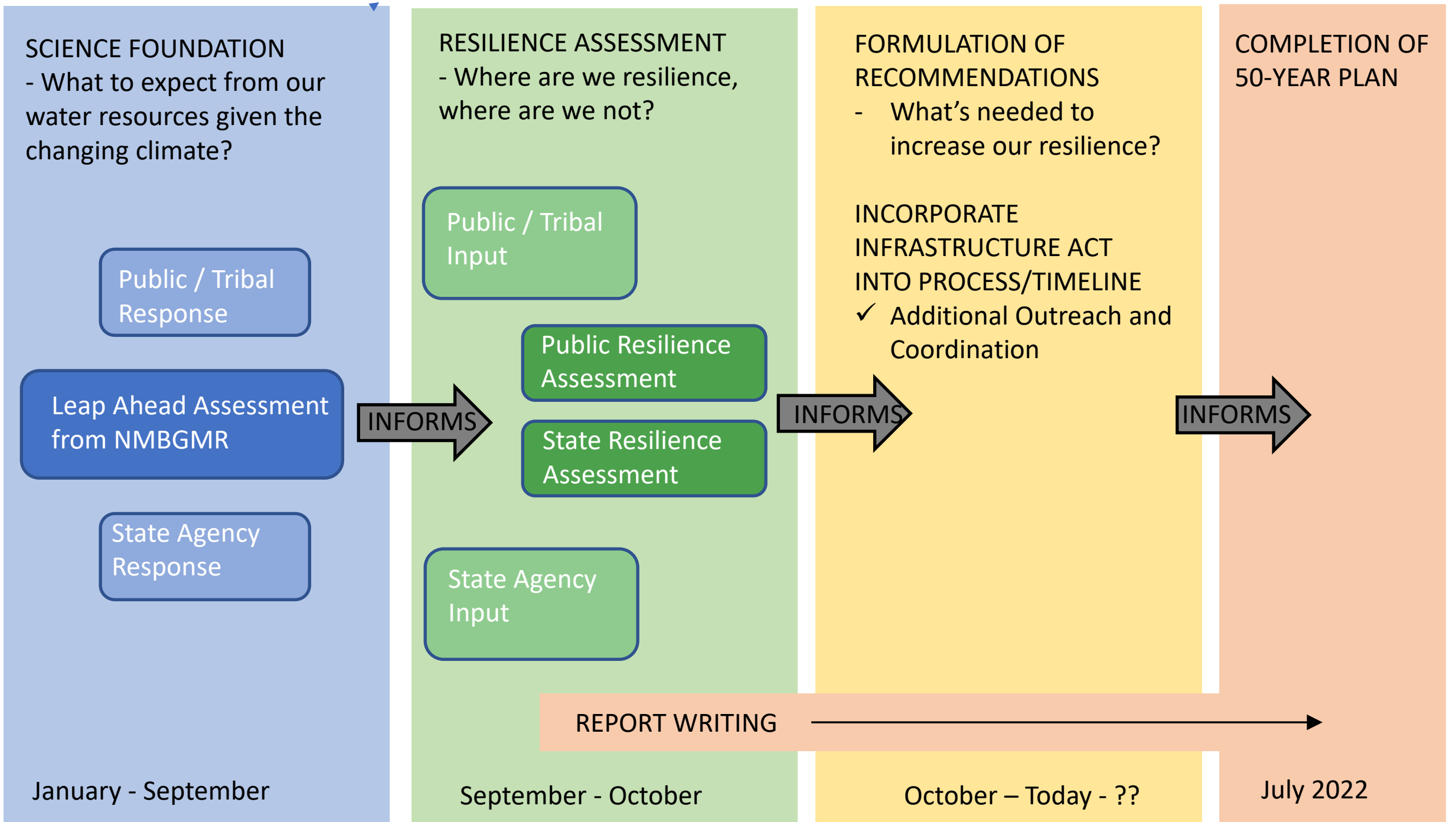
October – Today - ??

INFORMS

**COMPLETION OF 50-YEAR PLAN**

REPORT WRITING

July 2022



# Questions

