



# Great Salt Lake Basin Integrated Plan

The Division of Water Resources is leading a collaborative effort to develop a Great Salt Lake Basin Integrated Plan. When implemented, this action plan will ensure a resilient water supply for Great Salt Lake and its watershed.

## Need for Integrated Plan

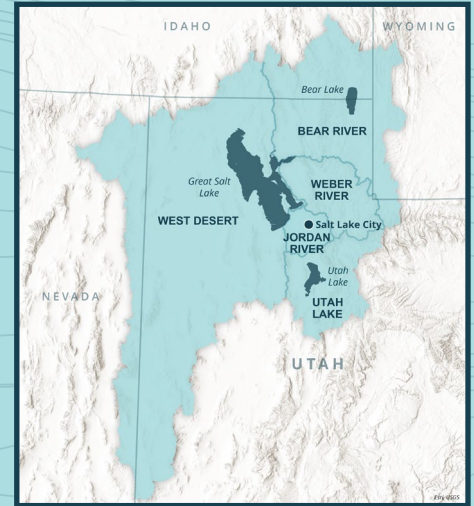
Declining water levels in our reservoirs, rivers and Great Salt Lake emphasize that water supply is limited. Continued growth places additional demands on a water supply declining because of drought and climate change. Further, water resource management in the Great Salt Lake Basin is complex. Collective effects from upstream activities need further study. We must act to reduce water supply impacts and risks, minimize costs to future generations, and preserve ecosystems vital to our quality of life.

## Elements of the Integrated Plan

The first-ever integrated water resources plan for the entire Great Salt Lake Basin will coordinate projects, work, data, models, tools and ideas at an unprecedented scale. Water users and policymakers at all levels will gain a comprehensive foundation to make decisions and understand their roles within the watershed. The plan will:

- Develop a water budget for the basin
- Assess and forecast water availability and quality for varied human and environmental uses
- Conduct a tradeoff analysis to understand how water users throughout the basin are impacted and to avoid deterioration of agriculture, industry and ecosystems
- Investigate best water management practices
- Recommend actionable strategies to manage water resources holistically

## Schedule



## Funding Sources

- HB 429 (2022) - Great Salt Lake Watershed Integrated Water Assessment
- USBR Watersmart Basin Grant

## Develop Basin-wide Tools

- Modeling tool
- Water budget
- Data repository

## Perform Studies

- Evaporation
- Groundwater
- Agricultural and municipal and industrial conservation
- Exposed lakebed dust



Become a partner and learn more:  
[GSLBasinPlanning@utah.gov](mailto:GSLBasinPlanning@utah.gov) | [GSLBasinPlan.utah.gov](http://GSLBasinPlan.utah.gov)





# Great Salt Lake Basin Integrated Plan

## Great Salt Lake Basin Integrated Plan Framework

### Present Condition

What is our present water supply?

How much water do people need?

How much water does Great Salt Lake need?

How much water does our environment need?

How does water use affect our water quality?

How does groundwater affect our water supply?

### Future Condition

What is our future water supply?

How much water will people need?

How much water will Great Salt Lake need?

How much water will our environment need?

How will water use affect our water quality?

## Identify Actionable Strategies

## Test the Strategies

## Trade-off Analyses

### Action Plan

- Communication & Education
- Operational Actions
- Research & Monitoring
- Infrastructure
- Organizational
- Legal & Policy



## Ensuring a resilient water supply for Great Salt Lake and its watershed

### Partners

#### Water Suppliers

Bear River Canal Company  
 Bear River Water Conservancy District  
 Central Utah Water Conservancy District  
 Jordan Valley Water Conservancy District  
 Metro. Water District of Salt Lake & Sandy  
 Ogden River Water Users Association  
 Provo River Water Users Association  
 Salt Lake City Dept. of Public Utilities  
 Weber Basin Water Conservancy District

#### State Agencies

Great Salt Lake Advisory Council  
 Idaho Department of Water Resources  
 Office of the Great Salt Lake Commissioner  
 Utah Department of Agriculture and Food  
 Utah Division of Forestry, Fire & State Lands  
 Utah Division of Water Resources  
 Utah Division of Water Rights  
 Utah Division of Water Quality  
 Wyoming State Engineer's Office

#### Environmental Non-Profits

Audubon Society  
 FRIENDS of Great Salt Lake  
 The Nature Conservancy

#### Academic Institutions

University of Utah  
 Utah State University

#### Federal Agencies

U.S. Army Corps of Engineers  
 U.S. Bureau of Reclamation  
 U.S. Fish and Wildlife Service  
 U.S. Geological Survey



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