



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



Become a partner and learn more:
GSLBasinPlanning@utah.gov or GSLBasinPlan.utah.gov



Funding Sources

The plan will combine funding and efforts from 3 primary sources:

- Utah H.B. 429 (2022) - GSL Watershed Integrated Assessment
- USBR Watersmart Basin Grant and UGS
- USGS Great Salt Lake Basin Groundwater Study

Work Plan Objectives

1. Lay out the approach for completing the integrated plan.
2. Identify parallel efforts to eliminate redundancies and capitalize on opportunities.
3. Engage stakeholders and build consensus.
4. Catalog previous projects.
5. Describe remaining questions.
6. Identify and prioritize necessary studies, schedules and costs.





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 the Strategies

Test the Strategies

Trade-Off Analyses

Action Plan

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

State Agencies

Utah Division of Water Rights
 Utah Division of Forestry, Fire & State Lands
 Utah Division of Water Resources
 Utah Division of Water Quality
 Idaho Department of Water Resources
 Wyoming Office of State Engineer
 Great Salt Lake Advisory Council

Environmental Non-Profits

Audubon Society
 The Nature Conservancy
 FRIENDS of Great Salt Lake

Academic Institutions

University of Utah
 Utah State University

Federal Agencies

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



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