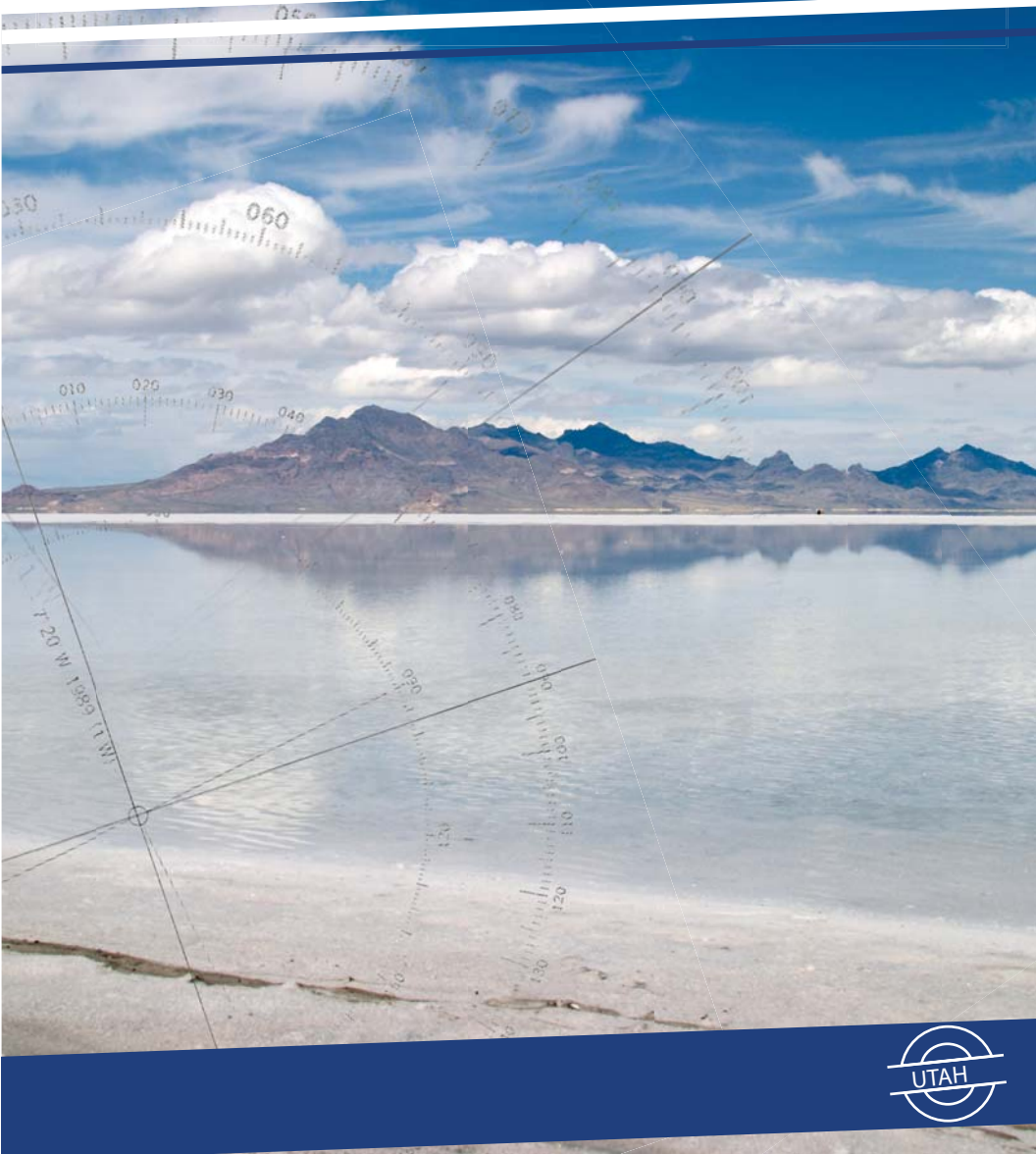
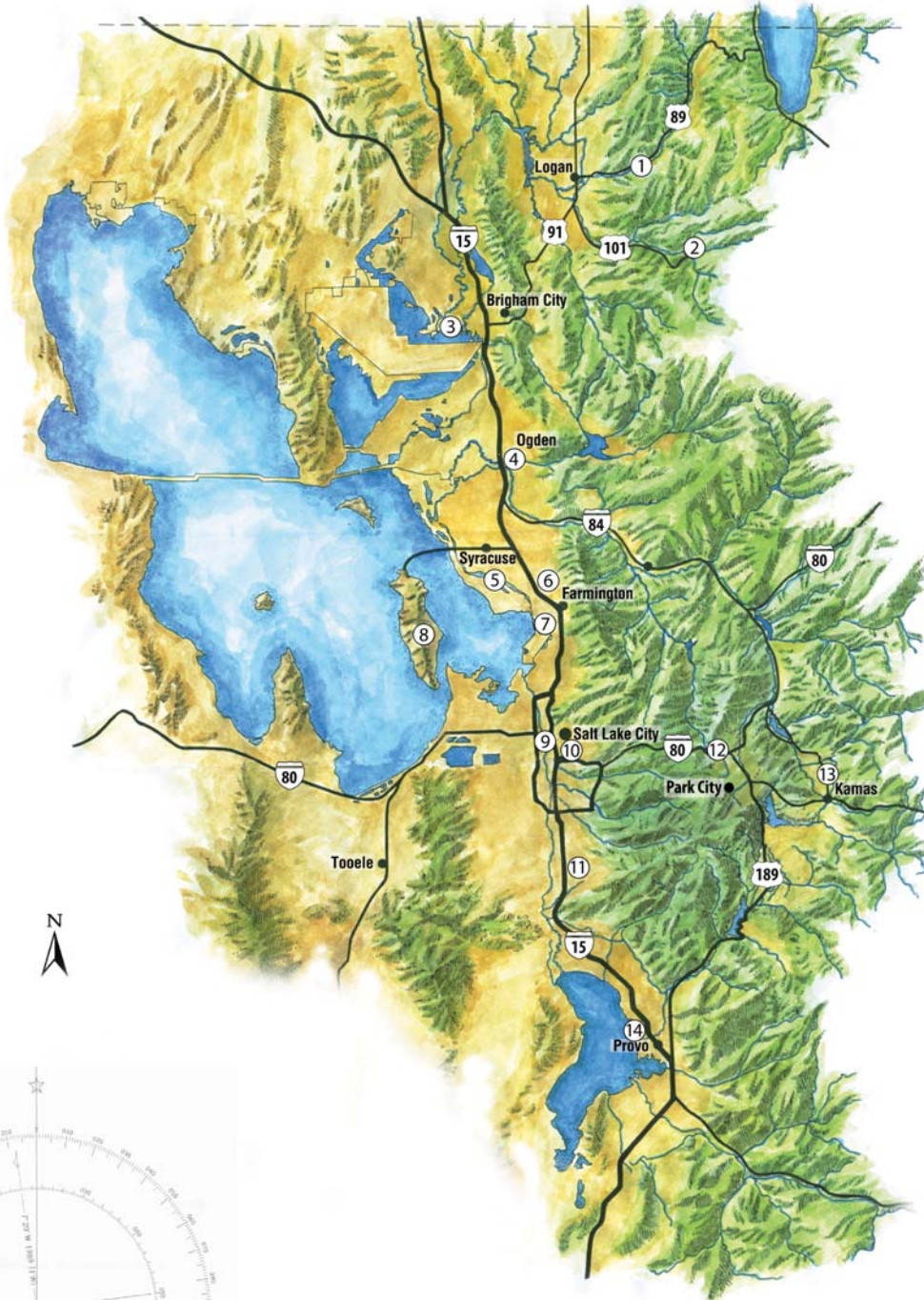


GREAT SALT LAKE
Ecosystem Education

PASSPORT



Places to Visit and Learn About the Great Salt Lake Ecosystem



Map Courtesy of Utah Reclamation Mitigation and Conservation Commission

Physical Partners

1. Stokes Nature Center
2. Hardware Ranch Wildlife Management Area
3. Bear River Migratory Bird Refuge
4. Ogden Nature Center
5. Great Salt Lake Shorelands Preserve
6. Utah Botanical Center
7. Great Salt Lake Nature Center at Farmington Bay WMA
8. Antelope Island State Park
9. Bend-in-the-River Urban TreeHouse and Green Space
10. Tracy Aviary
11. The Living Planet Aquarium
12. Swaner EcoCenter
13. Rock Cliff Nature Center at Jordanelle State Park
14. Utah Lake State Park Lakeshore Nature Area

Virtual Partners

15. FRIENDS of Great Salt Lake
16. Audubon Society Chapters
17. The Great Salt Lake Ecosystem Program
18. Utah State University Water Quality Extension
19. Great Salt Lake Institute at Westminster College

Explore northern Utah with your

Great Salt Lake Ecosystem Education Passport

You can use this passport to explore several beautiful natural areas that are part of the Great Salt Lake Ecosystem. These sites help to preserve and to educate citizens about the fascinating and important ecosystem of the Great Salt Lake.

The Great Salt Lake Ecosystem is made up of a marvelously complicated web of geologic, topographic, climatic, hydrologic and biological components.

Although its level is greatly affected by precipitation, evaporation, human use, and diversion of contributing waterways, the Great Salt Lake remains the largest natural salt water lake in North America.

A mere 1% of Utah is wet, yet wetlands serve as life-sustaining habitat for 80% of all wildlife in Utah during at least part of their life. The Great Salt Lake and its tributaries and associated wetlands constitute over 75% of Utah's watery habitat.

We hope this passport introduces you to many fun adventures as you travel from mountain tops to the Great Salt Lake, exploring all the lands that are part of the Great Salt Lake Ecosystem. If you visit ten of the physical partners and all of the virtual partners, visit or contact your nearest partner to receive a special reward!

Sponsors

This Passport was made possible through the generous support of our sponsors:



Stokes Nature Center

Hardware Ranch Wildlife Management Area



The Stokes Nature Center in Logan Canyon benefits the local community and region by providing opportunities for students of all ages to explore, learn about and develop appreciation and stewardship for our natural world.

The highest priority for the Stokes Nature Center is to provide programs that include the opportunity for students of all ages to discover the wonders of nature first-hand: to hear the song of the black-capped chickadee; to delve into the world of River Researchers; to discover the fascinating critters that share our valley and canyons; and to see the world through a new perspective. As the only nature center in Cache Valley, the Stokes Nature Center provides a variety of high-quality, hands-on programs for school children, community groups, families, and the general public. Our programs offer information, discovery, and exploration of the natural world.

Hardware Ranch is a Wildlife Management Area (WMA) owned by the State of Utah and managed by the Utah Division of Wildlife Resources. The WMA is over fourteen thousand acres of wildlife habitat for big game and other animals. The property is open to the public year round for self guided wildlife watching, fishing, hunting and other recreational activities. During the winter, Mid December through mid-March, the WMA is involved in a supplemental feeding program for elk. Visitors can view the elk from horse drawn sleigh rides and enjoy the visitor center during the winter season. The WMA also hosts school programs and a variety of community events through out the year, such as the Elk Festival in October and Free Fishing Day in June. Hours of operations change from year to year, so please visit our website for visitor center hours, sleigh ride pricing, and community events.

CONTACT US
(435) 755-3239
www.logannature.org

LOCATION
2696 East Highway 89
Logan Canyon, Utah

From Main St. in Logan,
Drive 3.2 mi east on Hwy 89 (400N)
Dirt Parking on left
Gated Trailhead on right
Walk .3 mi up trail

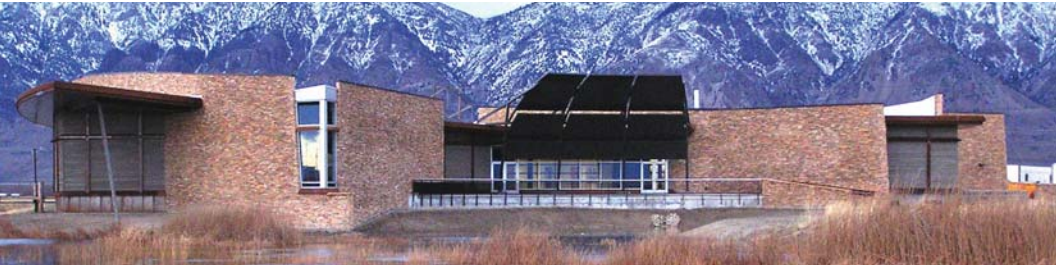
CONTACT US
(435) 753-6206
www.hardware ranch.com

LOCATION
Mile 22 East State Road 101
Hyrum, Utah

From the town of Hyrum,
Drive to the end of State Road 101
in Blacksmith Fork Canyon

Bear River

Migratory Bird Refuge



The Bear River Migratory Bird Refuge is located where the Bear River flows into the Great Salt Lake. The Refuge protects the marshes that are the largest freshwater component of the Great Salt Lake Ecosystem and are rich in aquatic plants and animals. Because these marshes are surrounded by arid desert lands, The Refuge serves as an oasis for waterfowl and other birds.

The Refuge's new Wildlife Education Center is your starting point for exploring the Refuge's 76,000 acres of diverse plant and animal life. Here, you can discover the mission, history and wildlife and learn about the 212 bird species that migrate through, nest, or rest on the Refuge. Browse through the Refuge field guide and bird checklists to prepare for a 12 mile auto tour to witness the migration of up to 500,000 waterfowl or 70,000 shorebirds. The Refuge staff specializes in providing educational opportunities for people of all ages.

CONTACT US
 (435) 734-6422
www.fws.gov/bearriver

LOCATION
 2155 West Forest Street
 Brigham City, Utah

Take I-15 to exit 363 (Forest Street, Brigham City)
 Go west (left) 1 block to James V. Hansen Wildlife Education Center

Ogden Nature Center



The Ogden Nature Center is a 152-acre nature preserve open to the public for discovery and exploration. Outside you can enjoy picnic areas and tree houses, wander the trails and meet birds of prey. Inside you can explore our two green buildings to learn about sustainable structures, play with hands-on nature exhibits, meet native animal species like tortoises and snakes and shop at our unique gift store.

Our focus is nature education. We offer a wide variety of community programs for all ages including art, photography, birding, wildlife in Utah, outdoor recreation, conservation, sustainable practices and more. During the school year we lead outdoor field trips for school children and in the summer we offer nature-themed camps. We have several special events each year for all ages to enjoy. Adults \$4, Children 2-11 \$2, Seniors 65+ \$3, Members & Children under 2 Free.

CONTACT US
 (801) 621-7595
www.ogdennaturecenter.org

LOCATION
 966 W. 12th Street
 Ogden, Utah

From I-15, take exit #344
 Head east for 1.5 miles

The Nature Conservancy's Great Salt Lake Shorelands Preserve



The Nature Conservancy's Great Salt Lake Shorelands Preserve encompasses nearly 5,000 acres of critical wetland and upland habitat along the eastern shore of Great Salt Lake. The Preserve's award-winning visitor center features a one-mile boardwalk trail, as well as a bird-viewing tower and educational exhibits that allow you to experience and learn about the wetlands without getting your feet wet. Home to thousands of migratory shorebirds and waterfowl, the Great Salt Lake Shorelands Preserve is also a haven for people, a mere 35 minutes from downtown Salt Lake City.

Programs at The Great Salt Lake Shorelands Preserve include monthly tours from April to October, as well as an award-winning education program, *Wings & Water*, which provides field trips and in-class materials for 4th-grade students.

CONTACT US
(801) 531-0999
www.nature.org/utah

LOCATION
3200 W and Gentile
Layton, Utah

From I-15 North, take Gentile Street exit and head west 2.5 miles. Turn left on 3200 West and follow to preserve.

Utah Botanical Center



The Utah Botanical Center addresses critical issues confronting people in our state and throughout the Intermountain West; increased urbanization and limited water supplies, diminishing public open space, and a shrinking resource base for native plants, wildlife, and wetlands. Come tour the Utah House to learn more about sustainable building and landscaping practices. Visit our ponds to view waterfowl year-round or try your luck catching fish!

The Utah Botanical Center provides educational opportunities as varied as Utah's landscape. A range of USU Continuing Education degree programs, Master Gardener classes, the Utah Master Naturalist Program, workshops, conferences, children's events, elementary and secondary school programs, seminars, and community education offer ways for everyone to grow through learning.

CONTACT US
(801) 544-3089
utahbotanicalcenter.org

LOCATION
725 S. Sego Lily Dr.
Kaysville, Utah

From I-15, take exit #328
Drive E for 0.5 miles
Turn right (S) on Main St
Turn right on 350 S
Turn left on 50 W
Drive 0.5 mi to the Utah House

Great Salt Lake Nature Center at Farmington Bay Waterfowl Management Area



The Great Salt Lake Nature Center is located on the northern edge of the 18,000 acre Farmington Bay Waterfowl Management Area. It is a magnificent fieldtrip destination for schools, scout groups and youth organizations and it is a world-class birding site. Over 200 species of birds use Farmington Bay Waterfowl Management Area every year. Sixty species choose to nest at the site. There are different birds to see every season such as waterfowl and shorebird migrations in the Fall and Spring, Wilson Phalarope migrations in the Summer and Bald Eagle and Tundra Swan migrations in the Winter.

We have a learning library full of books and activity ideas that families, groups and individuals can use on the site. We are building a web of interpretive nature trails that are wheelchair accessible and will have interpretive materials inclusive of braille.

CONTACT US
(801) 589-2373
www.greatsaltlakenaturecenter.org

LOCATION
1700 West Glover Lane (925 South)
Farmington, Utah

Take the Park Lane Exit off I-15
Turn W onto Park Ln
Turn right (W) onto Clark Ln
Turn Left (S) onto 1525 W
Turn Right (W) onto Glovers Ln
Turn left (S) onto the paved road

Antelope Island State Park



Antelope Island State Park is located on Antelope Island in Great Salt Lake. This 28,240-acre park is covered with grasslands, rugged mountain terrain, mudflats, freshwater wetlands and sandy beaches. American bison, pronghorn, mule deer, coyote, rabbits and many species of bird are common sightings on a trip throughout the park. The visitor center is home to exhibits on the Lake's ecosystem, birds, geology, ancient Lake Bonneville, wildlife, human prehistory and history, and the movie *Into a World of Wonder*.

Antelope Island State Park offers visitors a variety of science- and history-based programs, field trips, and special events throughout the year for all ages to enjoy. Park hours are 7 a.m. until ½ hour after sunset year round. The park is open everyday of the year except Thanksgiving and Christmas Day.

CONTACT US
(801) 773-2941
www.stateparks.utah.gov

LOCATION
4528 West 1700 South
Syracuse, Utah

Take Syracuse exit #332 off I-15
Turn West on Antelope Drive
Travel W to entrance gate

Bend-in-the-River

Urban TreeHouse and Green Space



Bend-in-the-River is a two-acre natural area located along the banks of the Jordan River in an urban/suburban portion of Salt Lake City. The site features a wetland seep, ecological restoration areas, views of the Jordan River, interpretive signs, an amphitheater, and the Urban TreeHouse shelter which serves as an outdoor classroom and a great spot to relax on a hot, summer day.

The Bend is a neighborhood park as well as an environmental education site, vounteer venue, and a setting for community events. To learn more about our upcoming events and volunteer opportunities, or to find out how to schedule an educational experience for your school or community group, visit our website. Bend-in-the-River is free and always open to the public.

CONTACT US

(801) 587-9027
www.bend-in-the-river.org

LOCATION

1030 West Fremont Ave (1100 S)
Salt Lake City, Utah

Take 1300 South exit off I-15
Turn West off of the freeway
(will be on 1300 South).
Turn North onto 900 West.
Turn West onto Fremont Ave
(1100 South).
Follow Fremont Ave until you reach
the Bend-in-the-River parking lot.

Tracy Aviary



Tracy Aviary is located in the heart of Salt Lake City in Liberty Park. Our mission is to foster caring for the natural world, to enrich and transform lives through our connection with birds.

Tracy Aviary is a great place for both adults and children to get nose-to-beak with birds found at Great Salt Lake and all along the Western Hemispheric Flyway. Walk through the Wetlands Immersion Exhibit to view birds in Utah's own local habitat. Then, make your own migration and visit our Destination Argentina Exhibit to see the birds found way down south including colorful flamingos and black necked swans. Tracy Aviary also offers unique bird experiences at our daily bird shows, pelican feeding or other avian encounter programs. We are open every day except Christmas, Summer 9 am - 6 pm, Winter 9 am - 4:30 pm

CONTACT US
(801) 596-8500
www.tracyaviary.org

LOCATION
589 East 1300 South
Salt Lake City, Utah 84105

Tracy Aviary is located on the south side of Salt Lake City's Liberty Park. Enter Liberty Park from 900 South and 600 East.

The Living Planet Aquarium



The Living Planet Aquarium is dedicated to celebrating life on Earth by fostering a greater awareness and knowledge of Earth's diverse ecosystems and creating a deeper understanding of our place in the global system of life.

Education has always been a high priority for The Living Planet Aquarium. Through our interactive exhibits, on-site education programs, and statewide outreach programs, we seek to educate the public about the amazing diversity of life on this planet. Our exhibits and education programs focus on three unique ecosystems: Utah's water habitats (freshwater rivers, wetlands, and the Great Salt Lake), marine (from the open ocean to coral reefs), and freshwater rivers of the rainforest (including the Amazon basin of South America). We encourage people to explore these unique environments, discover new animals, and learn about how they can connect to our blue planet.

CONTACT US
 (801) 355-FISH (3474)
www.thelivingplanet.com

LOCATION
 725 East 10600 South
 Sandy, Utah 84094

From I-15 take exit #293 (10600 S)
 Head east on 10600 S
 The aquarium is located on the
 corner of 10600 S and 700 E

Swaner EcoCenter



Swaner Preserve is a place of unique solace, fostering reflection, enlightenment and celebration, and is dedicated to enhancing the delicate, symbiotic relationship that humans and nature share. The 1,200 acres of inspiring open space are home and refuge to an abundance of wildlife, and feature miles of trails for mountain bikers, hikers, birdwatchers, fisherman, snowshoers and photographers. As the "greenest" building in all of Utah, our new Swaner EcoCenter perfectly embodies the Preserve's original ideals and values, while its highly environmental design stands as a powerful expression of our relationship to the environment. Designed to inspire a deep respect for the natural world, the Swaner EcoCenter houses an interactive climbing wall, engaging exhibits, a four-story observation deck with wildlife spotting scopes, and more!

CONTACT US
 (435) 649.1767
 or (877) GOSWANER (467-9263)
www.SwanerEcoCenter.org

LOCATION
 1258 Center Drive
 Park City, UT 84098

From Interstate 80, take:
 Kimball Junction/Park City exit #145
 Turn south onto HWY 224
 Turn left at 2nd light, Newpark Blvd.
 Proceed to end of road

Rock Cliff Nature Center

at Jordanelle State Park



The Rock Cliff Recreation Area and Nature Center is nestled among the tall cottonwood trees on the east end of Jordanelle State Park where the Provo River enters the reservoir. This riparian area is filled with 160 different species of birds at different times of the year. Moose, deer, fox, coyote, beaver, muskrats, bobcats and mountain lions frequent the park. As we walk into this magical area, we are gently reminded that we share this earth with many other living things – and we all need a place to stay.

The nature center is home to exhibits on the riparian community, birds, mammals, and the water cycle. Rock Cliff offers visitors a variety of science based programs, and special events throughout the year for all ages to enjoy. The Park's staff offers educators science based field trips. Park hours are 6 a.m. until 10 p.m. daily. The Nature Center hours vary.

CONTACT US
 (435) 782-3030
www.stateparks.utah.gov

LOCATION
 2500 W St Route 32
 Kamas, UT 84032

Take Hwy 40 to St Route 32
 Turn east for 7.5 miles
 Turn on Rock Cliff Road

Utah Lake State Park

Lakeshore Nature Area



Utah Lake State Park Nature Area is a new addition to Utah Lake State Park located on the south side of the Provo River as it enters into Utah Lake. The five-acre parcel has a quarter mile nature trail with wayside signs along the trail, which cover topics such as birds, history, and wetlands of Utah Lake. A covered pavilion with picnic tables and an outdoor amphitheater are available for education groups.

The Utah Lake State Park Nature Area is open from the hours of 8:00 a.m. until dark. Programs will be scheduled at various times throughout the season. The entrance to the Nature Area is accessed through Utah Lake State Park, over the footbridge that crosses the Provo River.

CONTACT US
 (801) 375-0731
www.stateparks.utah.gov

LOCATION
 4400 West Center St.
 Provo UT 84601

From I-15, take exit 265B
 Travel west on Center St.
 Road ends at Utah Lake State Park

FRIENDS of Great Salt Lake



The mission of FRIENDS of Great Salt Lake is to preserve and protect the Great Salt Lake Ecosystem and to increase public awareness and appreciation of the Lake through education, research, and advocacy. FRIENDS is a non-profit organization working to change the way people perceive and understand the nature of Great Salt Lake and its surrounding watershed. We offer a 4th grade science curriculum, a live narrative slide presentation and DVD called “The Lake Affect”, and Lakeside Learning Field Trips to discover more about this curious complex system.

FRIENDS actively advocates for the lake by building coalitions, monitoring water quality and quantity issues across the watershed, and by participating when the public is invited to comment on policy-making processes regarding the health and future sustainability of the Great Salt Lake Ecosystem.

CONTACT US
(801) 583-5593
www.fogsl.org

PO Box 2655
Salt Lake City, UT 84110-2655

Photo credit:
Lucin Cutoff Trestlewood
by Michael Slade

Audubon Society Chapters



The several Audubon Societies in northern Utah put forth enormous volunteer efforts conducting bird surveys, restoring and protecting bird habitat, and educating Utah residents about the ecology, management, and importance of birds in Utah. Local Audubon Society chapters are a great way to be exposed to and learn about birds in Utah through field activities, newsletters, and birding maps and checklists.

There are three chapters of the Audubon Society in northern Utah- Great Salt Lake Audubon, Wasatch Audubon, and Bridgerland Audubon. Each chapter hosts regularly scheduled activities that promote the greater mission of the Audubon Society. Great Salt Lake Audubon is dedicated to protecting and enhancing habitat for wild birds, animals and plants, and to maintaining healthy and diverse environments for wildlife and people throughout the state.

CONTACT US
www.greatsaltlakeaudubon.org
www.wasatchaudubon.org
www.bridgerlandaudubon.org

Great Salt Lake Ecosystem Program

Utah State University Water Quality Extension



The Great Salt Lake is the largest saline lake in North America and the fourth largest saline lake in the world. It is a terminal basin and represents the final destination for water in four major river drainages: the Bear, Jordan, Weber and Ogden rivers. Because of its uniqueness, there is much that is unknown about this ecosystem. In an effort to learn more about the ecosystem, as well as to ensure a sustainable brine shrimp harvest and preserve the food base for the avian community, Utah Division of Wildlife Resources created The Great Salt Lake Ecosystem Program (GSLEP).

The purpose of the GSLEP is to manage and conserve the avian and aquatic communities of the Great Salt Lake through monitoring and research. Since creation of the GSLEP, the UDWR has successfully managed a sustainable brine shrimp harvest supporting a multi-million dollar industry as well as maintaining the integrity of the food source relied upon by millions of migrating birds. Additionally, GSLEP has supported and coordinated a variety of research to answer questions about this dynamic system at GSL.

CONTACT US
(801) 537-3342
www.wildlife.utah.gov/gsl



Utah State University's Water Quality Extension provides a variety of information and programs that help the public protect the quality of Utah's streams and rivers, lakes and reservoirs, and groundwater. We work with state and federal agencies, nonprofits, schools, watershed groups, and private citizens. We provide materials and other support, including training and workshops for teachers, watershed coordinators, volunteers, etc., on different water quality issues.

Our water quality programs combine accurate unbiased information with hands-on activities to help people learn about water quality and watershed science. All of youth programs are correlated to the Utah Core Curriculum.

- Bugs Don't Bug Us and Project WET for K-6
- Stream Side Science for older kids and adults.
- Educator Training Opportunities in advanced topics
- Citizen Monitoring Programs

CONTACT US
(435) 797-2580
www.extension.usu.edu/waterquality

5210 Old Main Hill
Logan, UT 84322-5210



Great Salt Lake Institute



WESTMINSTER
Great Salt Lake Institute

Working cooperatively with other institutions, state government, industry, and other interested groups, Westminster College's Great Salt Lake Institute will lead a coordinated effort to better understand and utilize the lake's resources. The Great Salt Lake Institute will help achieve a number of goals:

- Promote multidisciplinary study of Great Salt Lake
- Promote student learning through undergraduate research
- Generate K-12 educational programs
- Partner with industry for technology commercialization of discoveries
- Cooperate with environmental groups to protect and preserve Great Salt Lake

As a repository for research about GSL, the institute will be invaluable for anyone concerned about or interested in this natural resource. Importantly, with its interdisciplinary focus, GSLI is a resource not only for scientific study, but also for art, literature, and environmental studies.

CONTACT US
(801) 832-2308
www.greatsaltlakeinstitute.org



