

The Geographic Approach to Collaborative Outdoor Recreation Planning

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State and Local Environment

Booth A5



What Is a GIS?

A System for Managing, Sharing and Applying Geographic Information



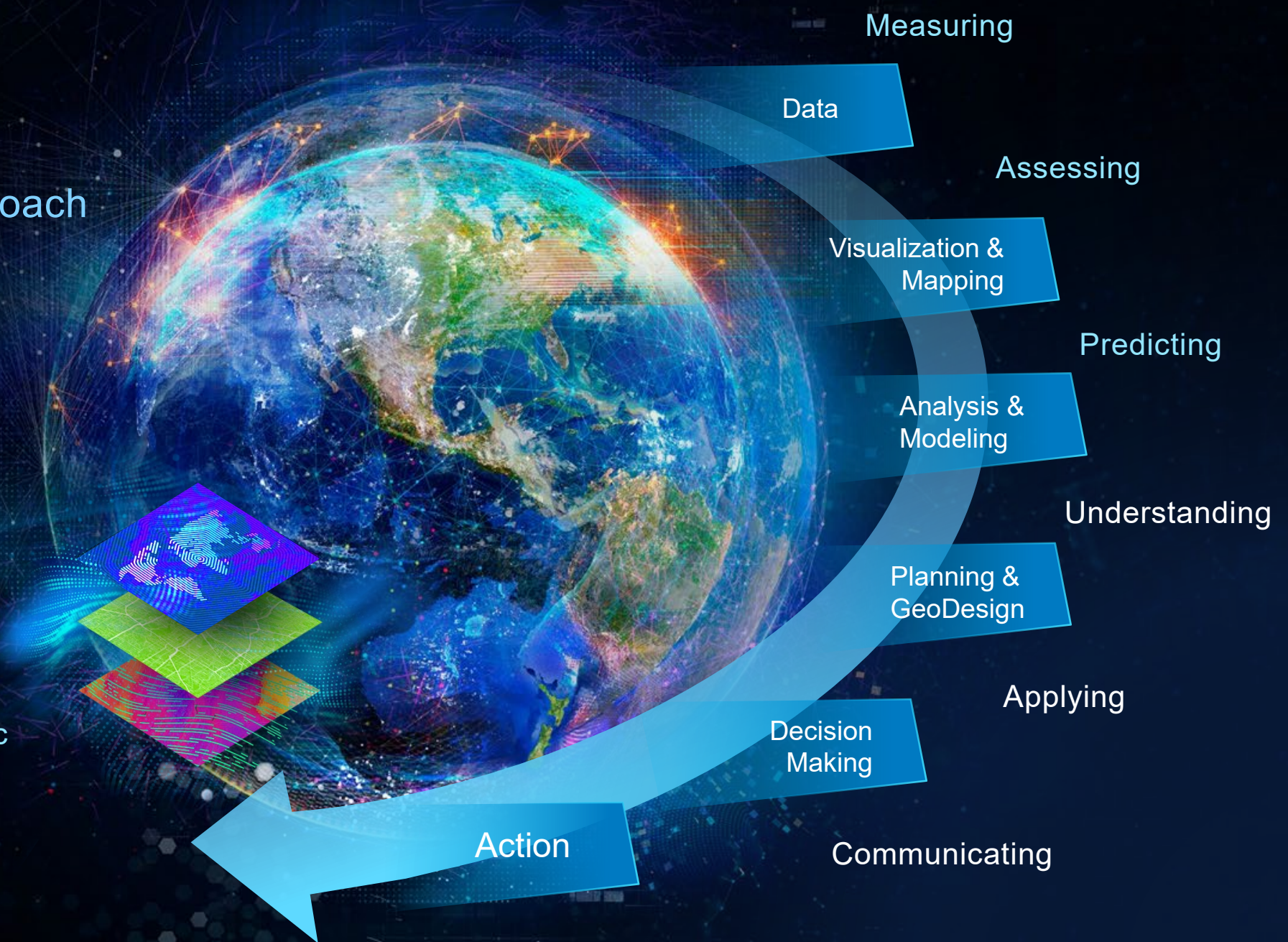
*Delivering Value Across Organizations
Improving Efficiency, Communications, Decision Making and Collaboration*

GIS

Enables The Geographic Approach

Providing a Process and Framework . . .

. . . For Applying Geographic Knowledge Widely



A Geospatial Strategy is Essential

Ensures you can deliver on the vision

Understand



Act

Plan

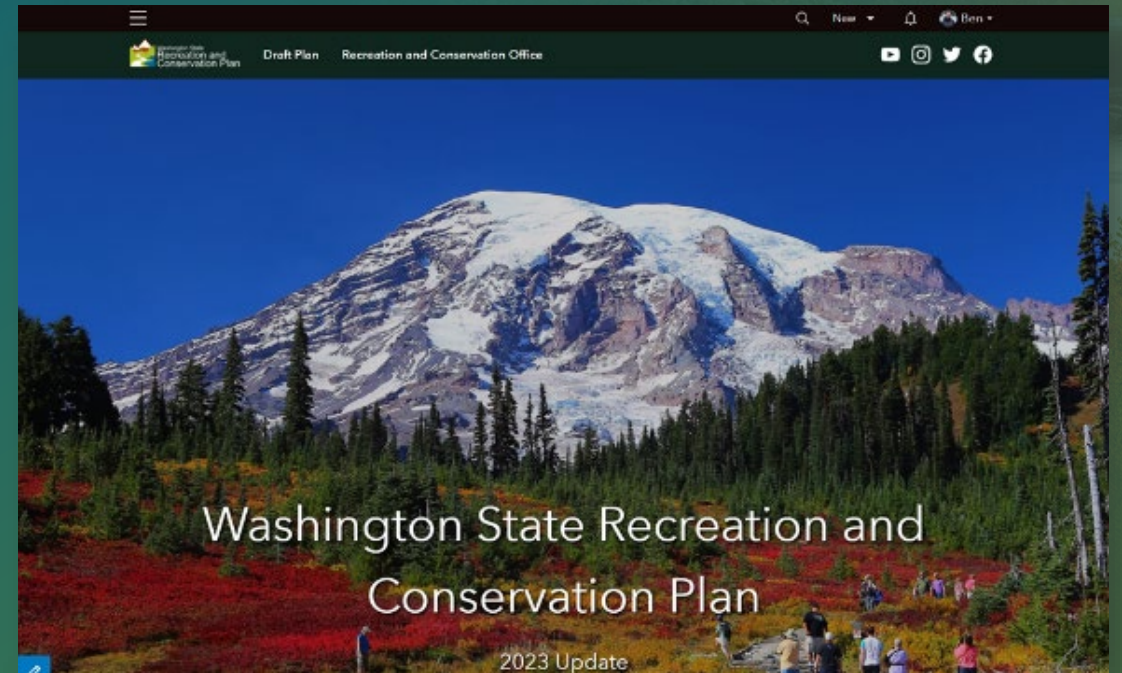


Achieving Maximum Impact

Outdoor Recreation

Major Trends and Challenges

- Economic Impact
 - Visitation Analysis
- Equity & Access
 - “SCORP” – State Comprehensive Outdoor Recreation Plans (5–10 year cycle)
- Trails
 - Aggregating & Collaboration
 - Managing
- Asset Management / Capital Planning

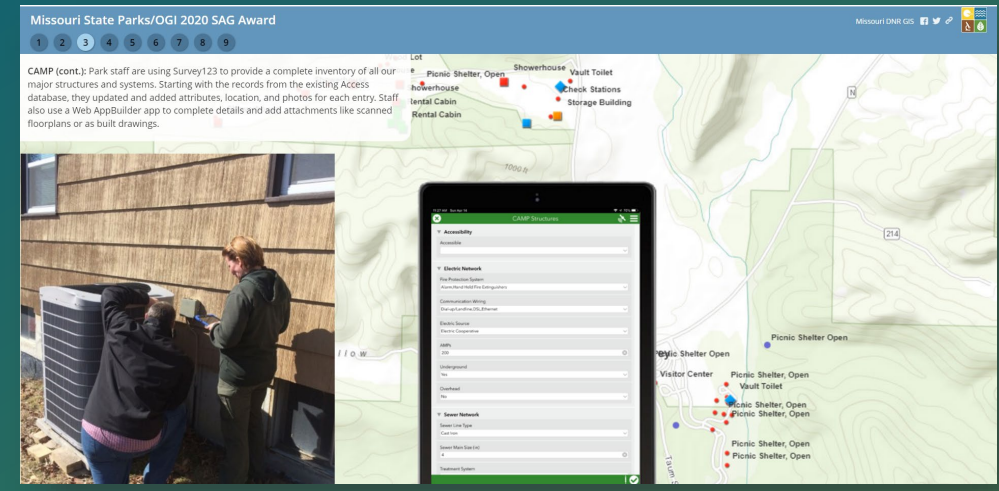
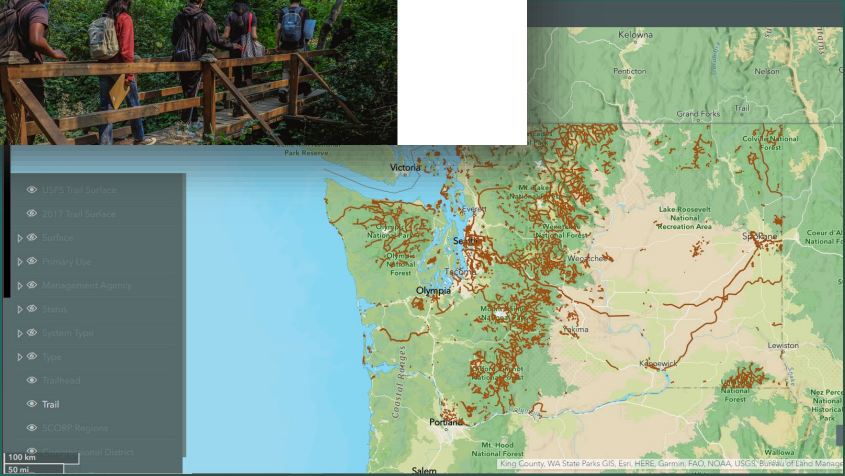


Outdoor Recreation

Examples: Data Collection & Aggregation



Washington RCO



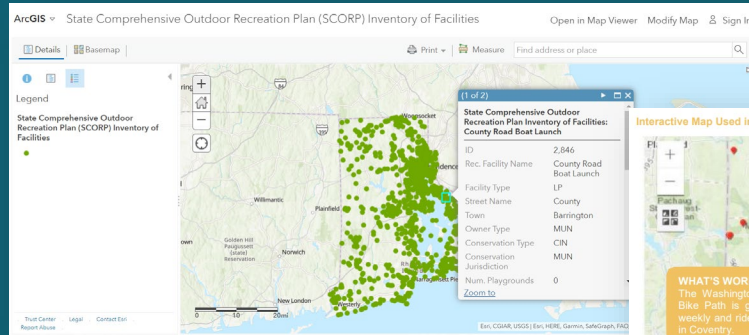
Missouri State Parks



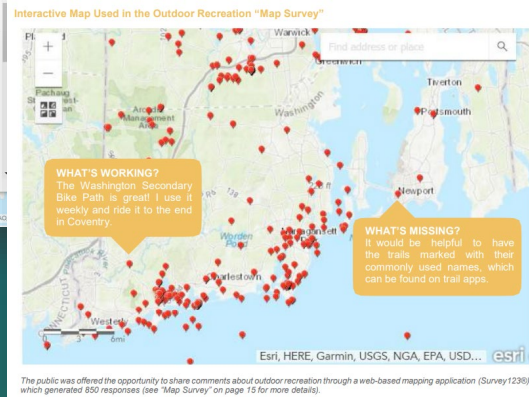
Ohio State Parks

Outdoor Recreation

Examples: Planning Support



Rhode Island SCORP



The public was offered the opportunity to share comments about outdoor recreation through a web-based mapping application (Survey1238), which generated 850 responses (see "Map Survey" on page 15 for more details).

Washington State Recreation and Conservation Plan

Take a survey!

Are you a resident of Washington? We want to hear about how and where you spend time outdoors.

Washington RCO SCORP

Questions about the Plan?

Email comments or questions to policychanges@rcos.wa.gov (please include "2023 SCORP" in the subject line).

Need this plan in an alternate language?

Please email: fran.donahue@rcos.wa.gov, Policy Specialist



Public Comment Survey

This survey is closed. Results will be posted soon.

Take Survey



Tennessee State Parks

Smart Parks
TENNESSEE STATE PARKS GIS

GIS makes Tennessee State Parks "Smart"

Tennessee State Parks provide myriad recreational opportunities and preserve unique examples of natural and cultural resources. While you're out at one of our 36 parks hiking, fishing, paddling, biking, camping, or participating in our interpretive programs, you'll see stunning waterfalls, mountain vistas, cedar groves, archaeological ruins and more. With so many natural features and recreational assets to manage, a robust geographic information system (GIS) allows us to keep track of where our resources are and how they are related in space and time. We like to call our GIS program **Smart Parks**, because this spatial awareness helps us make smarter management decisions.

Miles of Trail: 1,377.58
Acres Protected: 248,948
Campsites: 3,238
Cabins: 380

Public Data

Below, you'll find the complete catalog of Tennessee State Parks public geographic data. You can explore the data right here in the portal by clicking on the buttons below, as well as download the data for your own use in a variety of formats. Our data catalog is always growing. If you are looking for spatial data not listed below, please contact us.

- TN State Parks Boundaries
- TN State Parks Points
- TDEC Public Trails
- TDEC Public Access Lands
- Polygon feature class representing the boundaries of Tennessee State Parks.
- Point feature class representing the centroids within Tennessee State Parks boundaries.
- Line feature class representing the recreational trails in Tennessee State Parks.
- Polygon feature class representing the boundaries of all public access land under TN State Parks.
- Polygon feature class representing the acreages available for rental cabins in Tennessee State Parks.
- Point feature class representing the Tennessee State Parks.
- Point feature class representing the Tennessee State Parks.

Alerts

- Partial Closure - 10-14-21 Fall Creek Falls Flooding Affects Cabins and Trails
- Warning - 2022-11-7 Mountain Bike Trail at Mountain Landing is Temporarily Closed.
- Warning - 2022-11-6 The trail to Barkum Camp is open, but please use caution on the stairwell as park staff are continuing to work on the stairs. Thank you!

Texas State Parks

Park Insights Viewer: Revenue, Visitation, and Capital Construction Data by Park

Final Year	Day Use Visitation	Overnight Visitation	Total Visitation	Total Paid Visitation	Entrance Fees	Facility Fees	Other Revenue	Total Revenue
2021	39,833.00	35,719.00	89,924.00	56,928.00	\$141,135.00	\$200,380.00	\$83,967.00	\$505,482.00
2020	36,253.00	26,230.00	69,801.00	46,649.00	\$113,714.00	\$181,815.00	\$58,263.00	\$353,792.00
2019	33,152.00	27,693.00	62,470.00	38,626.00	\$119,699.00	\$204,218.00	\$106,944.00	\$424,861.00
2018	31,576.00	30,180.00	61,508.00	41,039.00	\$110,533.00	\$203,599.00	\$112,727.00	\$426,859.00
2017	35,347.00	29,903.00	71,712.00	41,007.00	\$118,601.00	\$216,056.00	\$117,032.00	\$451,689.00

Selected Park: 24 Month Avg: Abilene EP

Day Use Visitation: 3,170
Overnight Visitation: 2,681
Total Visitation: 6,655
Total Paid Visitation: 4,316

Park System Revenue %: 0.8%
Park System Visitation %: 0.9%

Abilene
\$5.38 per Entry System Avg. \$4.50

Selected Facilities Monthly Revenue Avg: \$24,011
Park Revenue YTD: \$305,482

Project: \$64,404
Expended: \$64,404

Construction Projects: CC:119922.SP Renovate Swimming Pool & Bathroom
CC:116616.SP Initial Electrical Service to Yurts
CC:117224.SP Swimming Pool Repairs
CC:117592.SP Install Swimming Pool
Business/Professional Services

Construction Project Budget (OAV) and Expenditures (AY)

Outdoor Recreation

Examples: Outreach

Wisconsin Outdoor Recreation Map Initiative`

The screenshot shows the 'WISCONSIN EXPLORER' website. It features a map of Wisconsin with numerous icons representing different recreation activities. On the left, there are filters for 'Recreation Sites & Activities' with icons for Birding, Fishing, Mountain Biking, Hiking, Snowmobiling, Recreational Biking, Snowshoeing, Cross Country, and Recreation Areas. Below these are icons for Trailheads, Trails, and Water Access. On the right, there are 'Points Of Interest' for Ski Area, Fishing, Swimming/Beaches, and Paddling. A search bar is visible at the top right of the map area.

Tennessee Trails - Recreation - Environment – Community Project

The screenshot shows the 'Tennessee TREC Project' website. The header includes the TN logo and navigation links: Home, Map, About, Additional Resources, Funding, Health - Office of Primary Prevention, and Environment - Parks and Conservation. The main content area features a large image of a person on a bicycle with the text 'Tennessee TREC Project' and 'Trails - Recreation - Environment - Community'. Below this is the tagline 'A project to make TN's parks, greenways, and trails accessible to everyone.' A map of Tennessee is shown with a search bar and an 'Explore' button. A text box on the map says 'Find a park or trail'.

Washington RCO – SCORP Hub

The screenshot shows the 'Washington State Recreation and Conservation Plan' website. The header includes the logo and navigation links: Recreation and Conservation Office, Pin the map, and Provider Survey. The main content area features a large image of a forest with the text 'Washington State Recreation and Conservation Plan' and '2023 Update'.

The screenshot shows the 'Washington's Favorite Places Survey' form. It includes a map of Washington state with a search bar and a 'Pin the map' button. Below the map is a form with the following questions: 'Tell us about one of your favorite places to recreate in Washington? Scroll and zoom the map to where you want to place a pin. Click or tap on the location to place your pin.', 'What is the name of this place?', and 'Please tell us a little about why you like this place.*'

Maryland Park Equity Mapper

The screenshot shows the 'MD Park Equity Mapper' website. It features a map of Maryland with a legend for 'Park Equity' scores. The legend includes categories for 'Park Equity Total Score (County Group)' and 'Park Equity Total Score (County Group)'. The scores are: 0.00 - 0.18 (High Equity), 0.19 - 0.25, 0.26 - 0.32, 0.33 - 0.41, and 0.42 - 0.60 (Low Equity). The map shows various counties in Maryland with different colors representing these equity scores.

Outdoor Recreation

ArcGIS Solutions

MO DNR – MO Parks Asset Inventory and Management

The image displays a comprehensive asset management system for Missouri DNR. It includes a desktop dashboard with a map of Missouri showing asset locations, a data table with columns for asset ID, name, location, and status, and a mobile application interface for field use. A large green number '91' is prominently displayed on the dashboard.

Parks and Grounds Management Solution

This solution provides a centralized platform for managing park requests. It features a 'Park Request Manager' interface with a table of requests including details like request type, status, and submission date. A 'Park Request Dashboard' offers a map view of requests and various charts such as 'Request Type' and 'New Requests by Month'. A mobile app allows users to submit requests directly from the field, including a form for request type and location.

Texas State Parks – Visitation vs. Capital Investment

The software visualizes the relationship between visitation and capital investment for Texas State Parks. It features a 'Park Insights Viewer' with a table of park data, a map of Texas highlighting specific parks like Abilene, and various charts and graphs showing trends in visitation and project budgets. A large green number '\$24,011' is displayed on the dashboard.

Recreation Outreach Solution

This outreach solution promotes outdoor recreation through a website and mobile surveys. The website features a header for 'Outdoor Recreation' and statistics for 'Open Parks' (34), 'Fishing Spots' (54), and 'Big Game Hunting Locations' (22). A 'Recreation License Dashboard' shows counts for Hunting (3,948), Fishing (3,814), and Trapping (2,591). Mobile apps are used to conduct 'Trail Experience Surveys' and gather user feedback.



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