

National Park Service

Active Transportation Guidebook

A Resource on Supporting Walking and Bicycling for National Parks and their Partners

Webinar I: Building Safe Active Transportation Infrastructure

October 31, 2018 (1pm ET)

Webinar II: Programs, Partnerships, and Technologies for Active Transportation

November 5, 2018 (2pm ET)



Grand Canyon National Park (NPS)



Webinar Series Speakers



Krista Sherwood
NPS Conservation &
Outdoor Recreation
Programs



Amy Plovnick
U.S. Department of
Transportation Volpe Center



Tim Young
Wyoming Pathways



Lauren McKean, NPS Cape Cod
National Seashore



Richard Menicke
Glacier National Park



Morgan Lommele
People for Bikes



Speaker Introduction



Krista Sherwood
National Park Service
Conservation & Outdoor Recreation Programs



Webinar Overview

- Guidebook Overview
- Case Studies:
 1. Glacier National Park bicycle programs
 2. E-bike opportunities and considerations
- Q&A
- Learn More



Crater Lake National Park (NPS)



Webinar logistics

- Participants are in listen only mode.
- Enter question through chat pod at any time. There will also be an opportunity to ask questions over the phone.
- The webinar is being recorded.
- Closed captioning is available through the multimedia viewer panel.

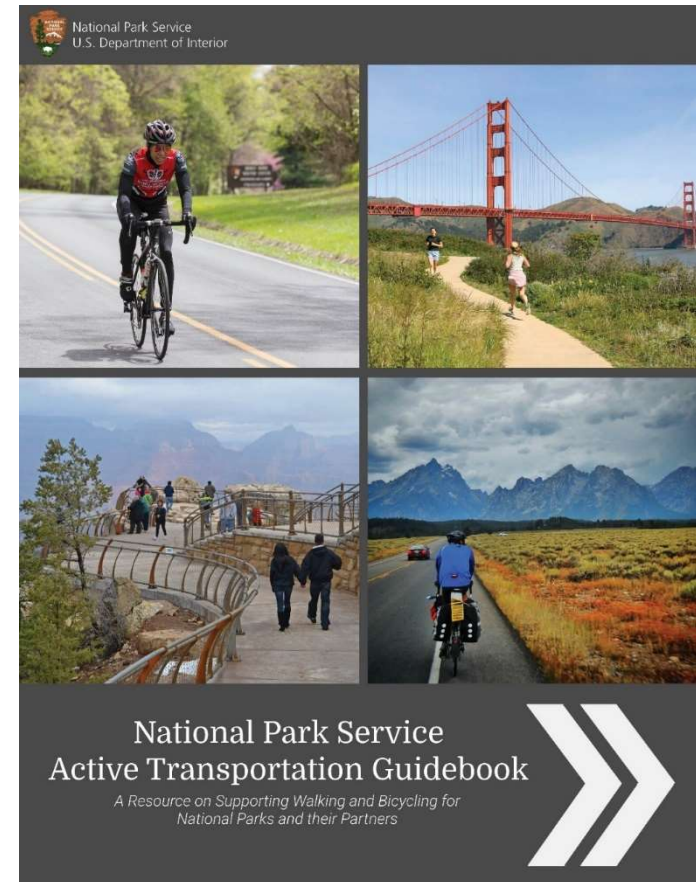


Active Transportation Guidebook

This Guidebook is intended to assist and inspire parks and their partners to identify and pursue opportunities that enhance active transportation to and within national parks.

Topics Include:

- Policies
- Infrastructure
- Safety
- Programs
- Events
- Sharing & Rental Systems
- Employee Programs
- Trends & Technology





Active Transportation Guidebook

This Guidebook was developed collaboratively with support from the following partners:

- NPS Transportation Branch
- NPS Rivers, Trails, & Conservation Assistance Program
- NPS Denver Service Center
- Volpe National Transportation Systems Center
- Federal Highway Administration
 - Office of Federal Lands Highway
 - Office of Planning, Environment, and Realty
- Adventure Cycling Association
- Centers for Disease Control and Prevention
- Open Streets Project
- PeopleForBikes
- And Others



Active Transportation Helps Parks and Communities Overcome Challenges through:

- Management of Vehicle Congestion
- Promoting Resource Preservation
- Accommodating Increased Visitation by Providing Alternatives to Driving



Glacier National Park (Volpe Center)



Benefits of Active Transportation in Parks

- Resource Protection
- Visitor Experience
- Equitable Access
- Public Health
- Congestion Relief
- Economic and Social Benefits



Denali National Park (NPS)



Speaker Introduction



Amy Plovnick
U.S. Department of Transportation Volpe Center



Guidebook Chapters

1. Legal and Policy Framework
2. Planning and Elements of Project Development
3. Infrastructure and Multimodal Connectivity
4. Bicyclist and Pedestrian Safety
5. Partnerships and Funding
6. Visitor Activities and Programs
7. Open Streets Opportunities
8. Bicycle Sharing and Rental Systems
9. Employee Programs and Park Operational Uses
10. Innovative Technologies and Emerging Trends



Guidebook Chapters

1. Legal and Policy Framework
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Chapter 5: Partnerships and Funding

- Benefits of partnerships:
 - Leveraging resources
 - Economic benefits
 - Building physical connections
- Types of partners:
 - National park friends groups
 - City and state governments
 - Walking and bicycling advocacy group



Mantua Greenway, Philadelphia (NPS)



Chapter 6: Visitor Activities and Programs

- Programs for visitors:
 - Tours
 - Partner-led event
 - Supporting long-distance active transportation users
 - And many more!
- May be organized by park staff, concessionaires, volunteers, friends groups, or other partners.



Governors Island National Monument (NPS)



Chapter 7: Open Streets Opportunities

- Open streets or “car-free” opportunities enable visitors to enjoy walking and bicycling on park roads without automobile traffic.
- Open streets opportunities can be:
 - Routine
 - Seasonal
 - Special events



Glacier National Park (S. Snow)



Chapter 8: Bicycle Sharing and Rental Systems

- Considerations for initiating a program:
 - Park and its surrounding communities' landscape for bicycle use
 - Park context (rural or urban area)
 - Visitation information
 - Park operation goals
 - Bicycle-related policies
 - Opportunities for partnerships



San Antonio Missions National Historical Park (NPS)



Chapter 9: Employee Programs and Park Operational Uses

- Bicycles in the employee vehicle fleet
 - Operational, transportation, and recreation purposes
- Active transportation incentive programs for employees commuting
- Employee wellness programs



White Sands National Monument (NPS)



Chapter 10: Innovative Technologies and Emerging Trends

- Bicycle and pedestrian counts
- Electric bicycles (e-bikes)
- Fat tire bicycles
- Automated vehicles



Boreal Forest, Alaska (Volpe Center)

A person wearing a red and white helmet and a dark jacket is riding a motorized bicycle on a paved road that curves through a landscape of green trees and yellowish-brown rocks. The road is bordered by large, light-colored rocks. A yellow diamond-shaped sign with the word "SLOW" is visible on the right side of the road. The background shows a vast canyon landscape under a cloudy sky.

Case Studies

Grand Canyon National Park (NPS)



Speaker Introduction

Case Study: Glacier National Park bicycle programs



Richard Menicke
NPS Glacier National Park

Glacier NP: Car-Free shoulder season

- Bicycle + pedestrian use
- Going to the Sun Road
- Spring and fall
- Harmonize w/ road management





Spring Hiking and Biking

Even though the plows are still busy clearing tons of snow from the upper sections of the Going-to-the-Sun Road, Spring has arrived in the valleys. For hikers and bikers this is a special time to explore Glacier

National Park at a more moderate pace. These few weeks, before the road fully opens, provide a unique vehicle-free experience before the crowds and cars of summer return.

Make Your Day Enjoyable For Yourself and Others

- Hikers and bikers share the road. Be aware of other people around you. Stay to the right to allow others to pass.
- Bicycles must stay on designated bike paths and roads.
- During periods of low visibility or at night, bicycles must be equipped with a white headlight or reflector facing forward and a red light or reflector facing the rear.
- Use a kickstand or bicycle rack and please do not rest your bike in the road or on roadside vegetation.
- While plowing operations are underway, sections of the Going-to-the-Sun Road may be closed to all access. These areas will be marked with a sign.
- Maintenance or construction vehicles may be encountered.



Dogs are not permitted beyond the vehicle closure gate at Avalanche Creek or on trails.



Avoid disturbing wildlife by observing them from a safe distance (100 yards from bears or wolves, or 25 yards from any other wildlife).



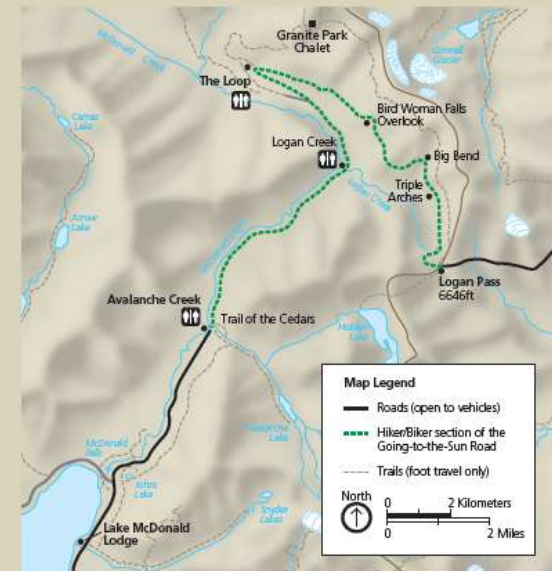
Bring bear spray. Bears may be encountered all along the Going-to-the-Sun Road.



Bikers along McDonald Creek have an excellent view of the upper section of the Going-to-the-Sun Road.



Clearing the road at Haystack Creek near Bird Woman Falls Overlook



Destination	Distance	Elevation	Elevation Gain
Avalanche Creek	0.0 mi.	3,408 ft.	0 ft.
Logan Creek	4.0 mi.	3,563 ft.	155 ft.
The Loop	7.8 mi.	4,298 ft.	890 ft.
Bird Woman Falls Overlook	10.5 mi.	5,190 ft.	1,782 ft.
Big Bend	12.8 mi.	5,760 ft.	2,352 ft.
Triple Arches	13.6 mi.	6,045 ft.	2,637 ft.
Logan Pass	15.6 mi.	6,646 ft.	3,238 ft.

Glacier NP: Car-Free shoulder season

- GNP Conservancy Partnership
- Spring hiker/biker shuttle
- Expanding the opportunity
- Reduce congestion



Glacier NP: Car-Free shoulder season

- Hiker/Biker shuttle May – mid June
- Weekends & holidays
- 3900 hikers, 1800 bikes (2018)



Glacier NP: Car-Free shoulder season

- Communications
- Challenges / Responses



Glacier NP: Red Bike Program

- Employee + volunteer bike share
- Transportation planning result
- Funding by friends groups



Glacier NP: Red Bike Program

- Durable bikes
- Reduce local emissions
- Healthy campus commuter
- User agreement + helmets



Glacier NP: Red Bike Program

- May through October
- Two primary campus locations
- Keep it simple





Speaker Introduction

Case Study: E-bike opportunities and considerations



Morgan Lommele
People for Bikes

Q&A



Golden Gate National Recreation Area (NPS)

Learn More



Yellowstone National Park (NPS)



Resources and Contacts

- Download the Guidebook:
<https://www.nps.gov/subjects/transportation/bikeped.htm>
- Webinar Speakers:
 - Krista Sherwood: Krista_Sherwood@nps.gov
 - Amy Plovnick: Amy.Plovnick@dot.gov
 - Richard Menicke: richard_menicke@nps.gov
 - Morgan Lommele: morgan@peopleforbikes.org
- NPS Regional Transportation Coordinators:
https://www.nps.gov/transportation/contact_us.html