ArcGIS Open Data

National Park Service

IRMA Portal

The Integrated Resource Management Applications (IRMA) Portal is a web-based "one-stop" for data and information related to National Park Service natural and cultural resources. From IRMA you can search for, view, and download documents, reports, publications, data sets, and park species lists. You can get information on park visitor numbers, park projects, and apply for a park research permit.

IRMA Reference Types Include

Aerial Photography

LIDAR

Data Standard

Geospatial Dataset

Software

Audio Recording

Brochure

EBook

Journal Article

Environmental Impact Statement

Email

Video

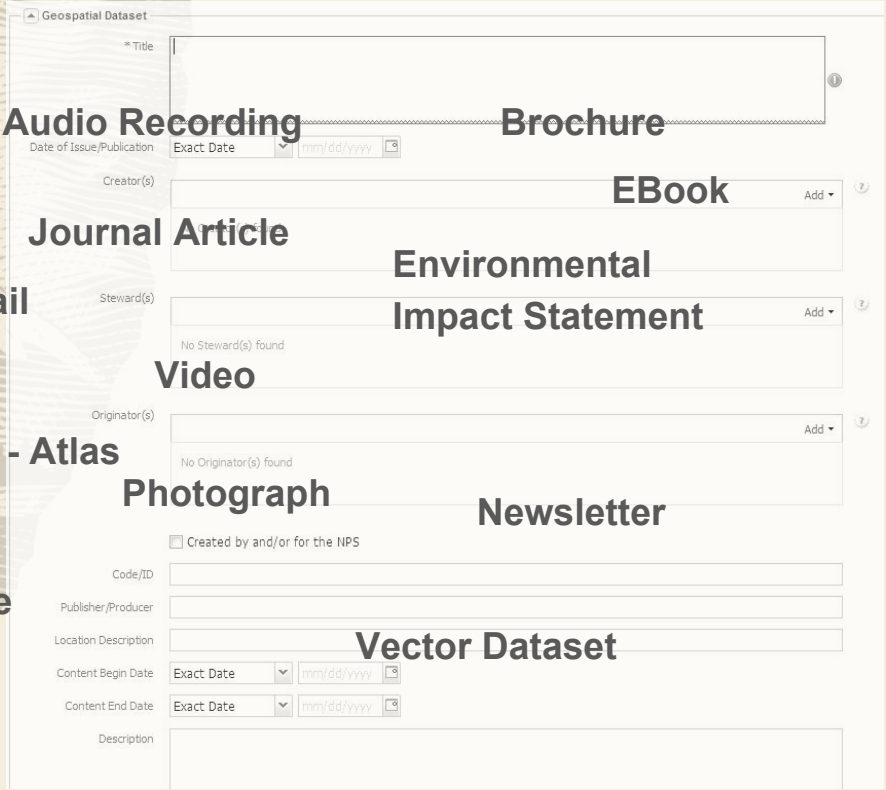
Map book - Atlas

Photograph

Newsletter

Website

Vector Dataset



ArcGIS Online

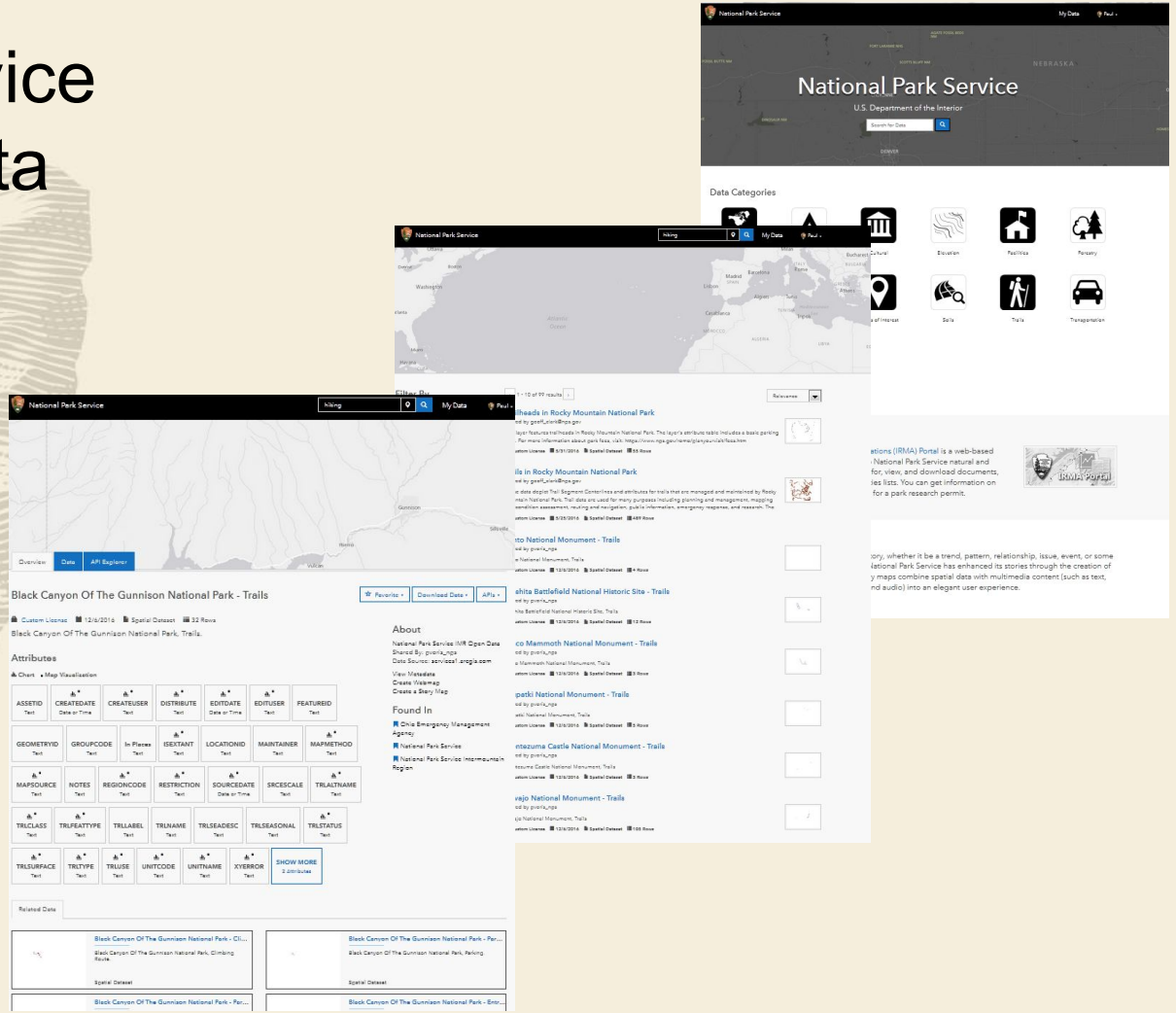
ArcGIS Online is an online, collaborative web GIS that allows you to use, create, and share maps, scenes, apps, layers, analytics, and data. You get access to Living Atlas of the World, apps, and Esri's secure cloud, where you can add items and publish web layers. Because ArcGIS Online is an integral part of the ArcGIS system, you can use it to extend the capabilities of ArcGIS Desktop, ArcGIS Enterprise, ArcGIS Web APIs, and ArcGIS Runtime SDKs.

ArcGIS Online is the place to explore data, create maps, and share stories. With ArcGIS Online, you can use and create maps and scenes, access ready-to-use maps, layers and analytics from Living Atlas of the World, publish data as web layers, collaborate and share, access maps from any device.

National Park Service ArcGIS Open Data

Esri-hosted ArcGIS Open Data public-facing website where people can easily find and download National Park Service data in a variety of formats.

[National Park Service Open Data]

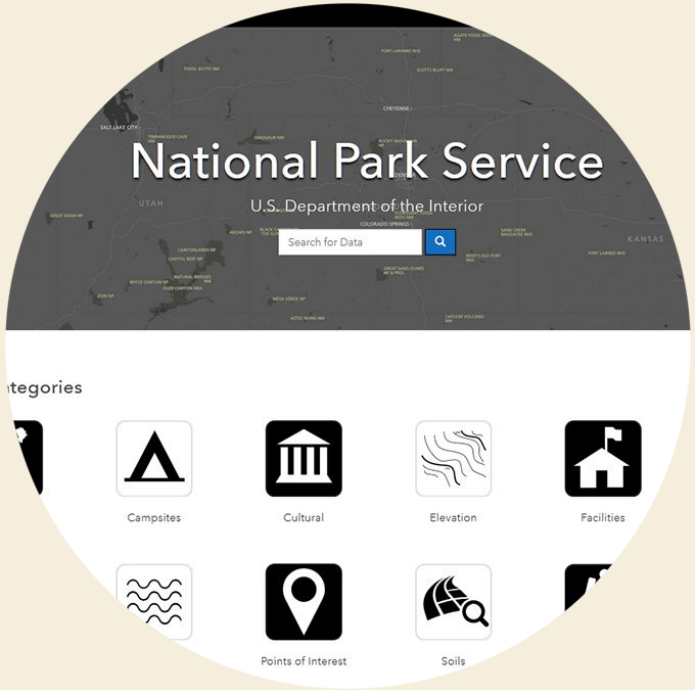


Open Data Groups

National Data

Regional Data

Park Data



NPS Open Data

Share Data with the Public

Share

Map and feature services as complete services or individual layers.

Image services

Non-spatial data like spreadsheets, tables and CSVs

Web maps, story maps, apps, documents, PDFs, web links, and more.

Data will be available via:

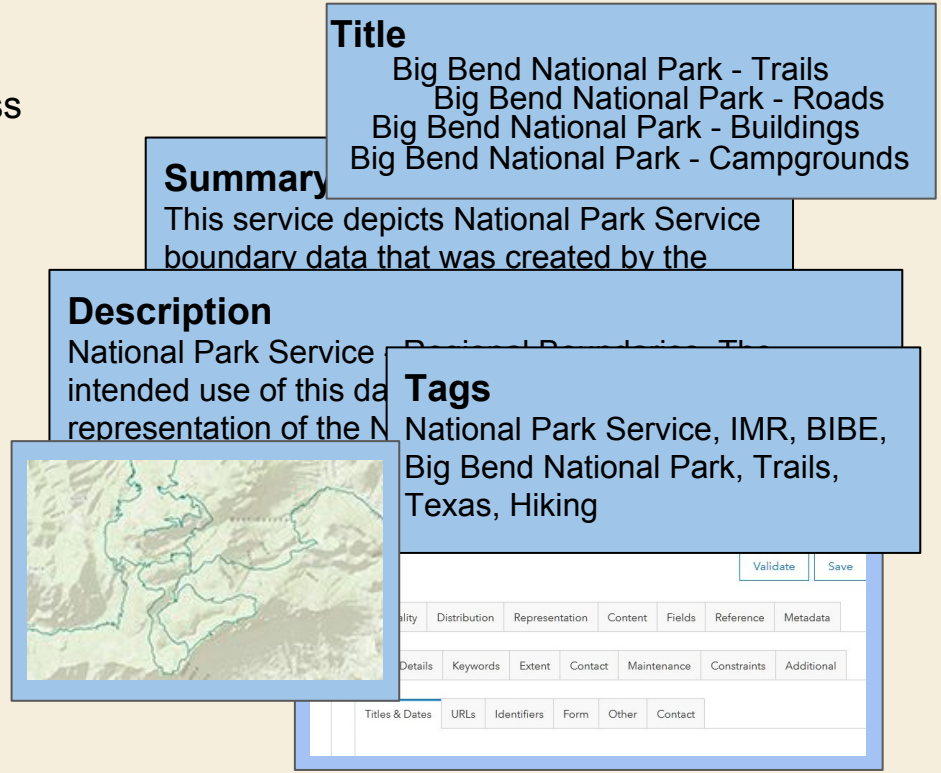
Download - Download all of the data or a filtered subset directly from the source in multiple formats

API - Access data directly as GeoJSON or GeoServices.

DCAT – Federate your data simply by sharing a standards compliant catalog

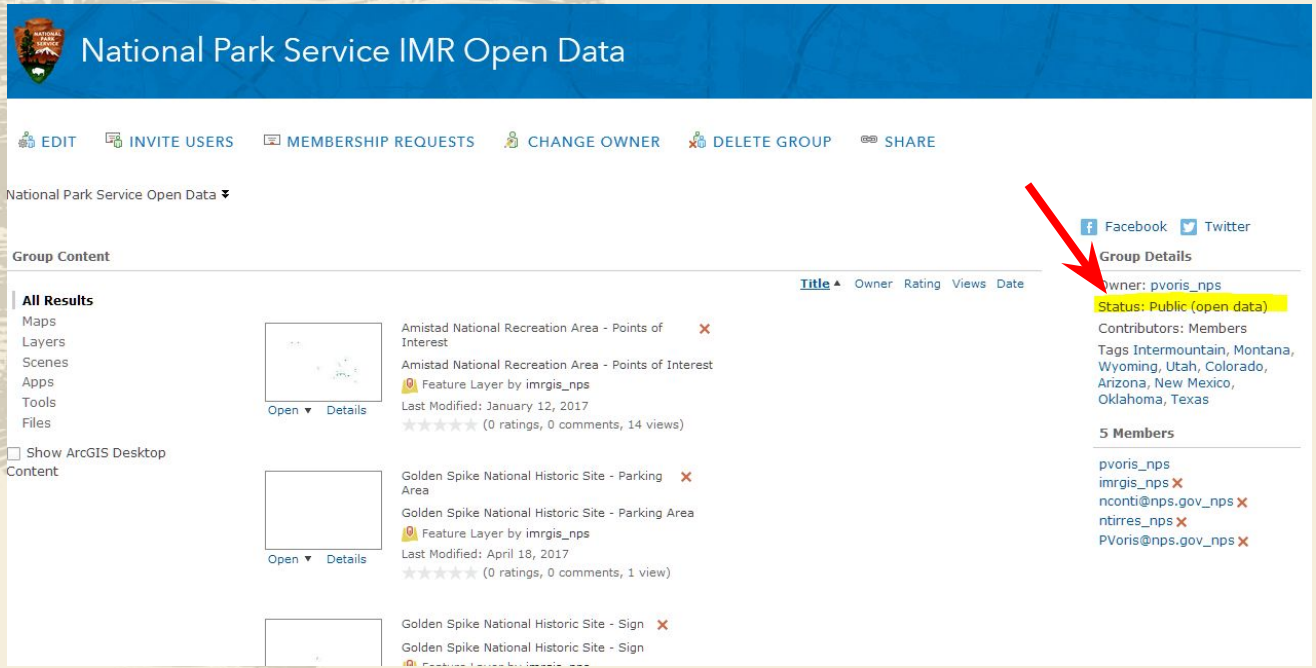
Prepare Your Data

- ★ **Title** - Descriptive and consistent across like data sets
- ★ **Summary** - Concise
- ★ **Description** - Informative
- ★ **Tags** - Allow users to discover your datasets through searches
- ★ **Thumbnail** - Visual
- ★ **Structured Metadata**
- ★ **Access and use Constraints** - NPS boilerplate

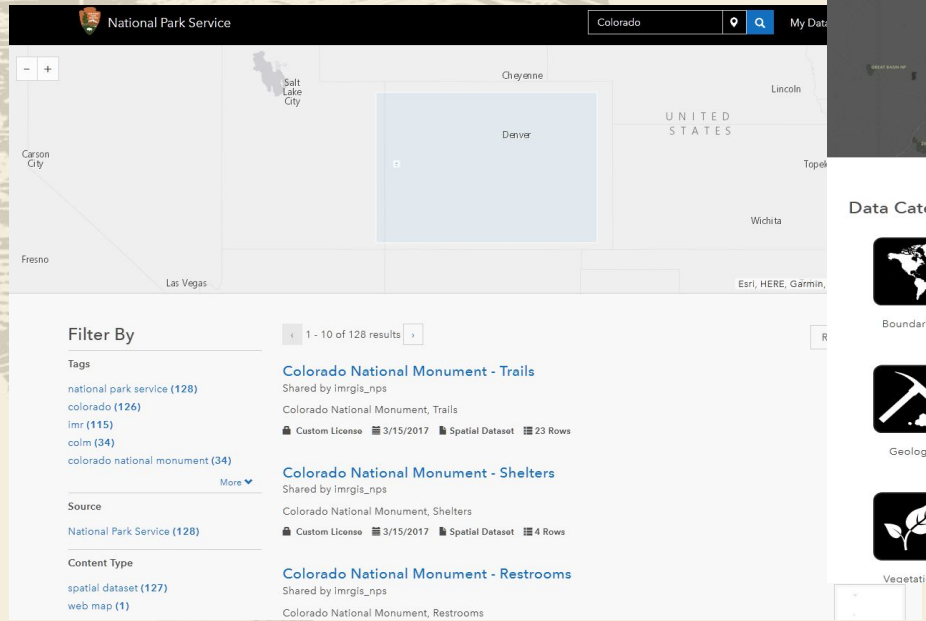


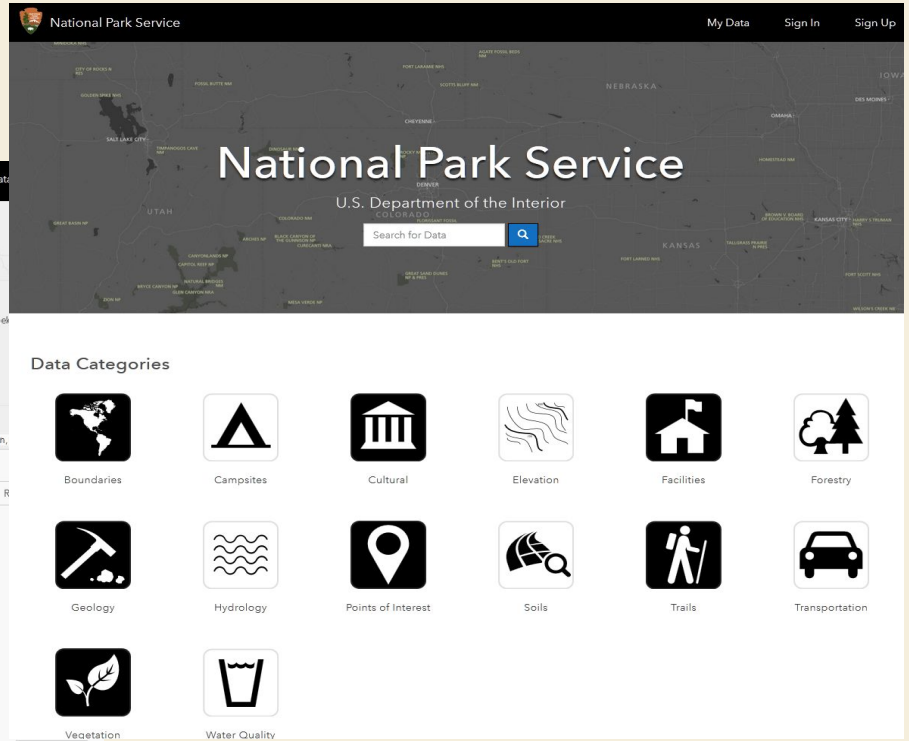
Sharing with Open Data Group

Add your Item to a group designated as available for use in Open Data sites

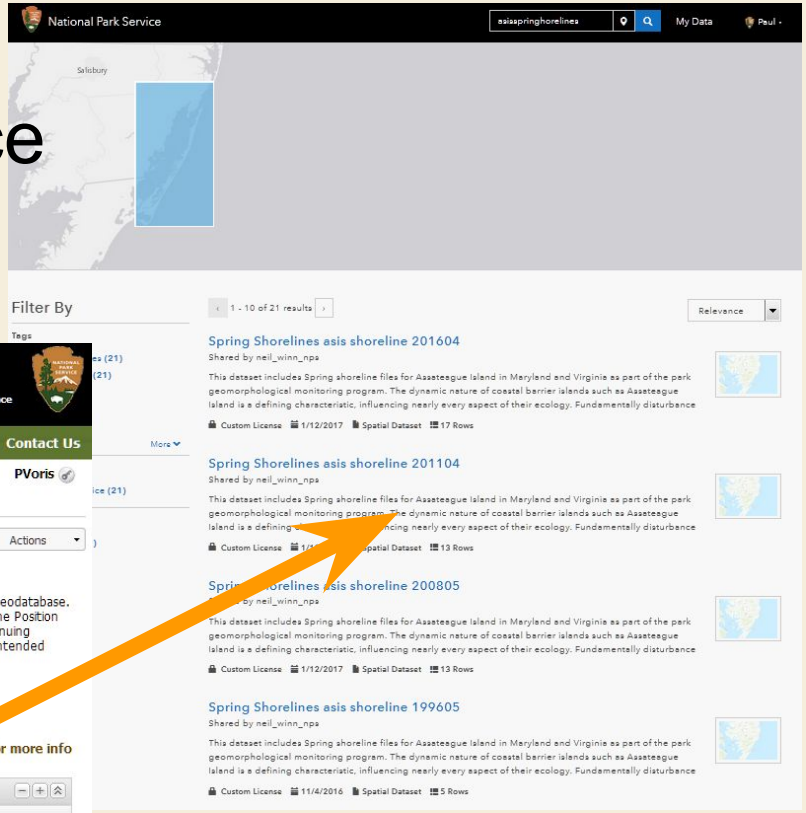


public.nps.opendata.arcgis.com





Creating an IRMA Reference



Data Store
Integrated Resource Management Applications
Part of IRMA

National Park Service
U.S. Department of the Interior
Natural Resource Stewardship and Science

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PVoris

Geospatial Dataset - (Code: 2174501)

Actions

Title ASIS GPS Shorelines

Description These data represent a series of mean high water shorelines collected at Assateague Island National Seashore (ASIS), appended into one file geodatabase. The features have been assembled / collected in support of the Northeast Coastal & Barrier Inventory and Monitoring Network's Ocean Shoreline Position Monitoring Program. The shoreline surveys are collected using a sub-meter GPS receiver mounted on an ATV and start in August of 1993 continuing through present day. Shorelines are grouped in Feature Datasets by the season the data were collected. Depending on the time of year and intended purpose, some surveys contain ocean, inlet and bay shorelines, while some surveys only contain ocean shorelines.

Full Citation Winn N. 2016. ASIS GPS Shorelines

Visibility Public

here for more info

Files and Links (7)

Type	Download Link	Description
Digital File	OriginalMetadata_NPSDataStoreCode_2174501.xml	Original FGD… data used to create this reference. Be aware that some of
Digital File	ASIS_GPS_Shorelines.gdb.zip	F… Geodatabase containing seasonal shoreline survey for Assateague Is
External Link	https://asis-nps.opendata.arcgis.com/datasets?q=asisspringhorelines	ArcGIS Online: Assateague Island National Seashore Spring Shorelines
External Link	https://asis-nps.opendata.arcgis.com/datasets?q=asisfallshorelines	ArcGIS Online: Assateague Island National Seashore Fall Shorelines
External Link	https://asis-nps.opendata.arcgis.com/datasets?q=asissummershorelines	ArcGIS Online: Assateague Island National Seashore Summer Shorelines
External Link	https://asis-nps.opendata.arcgis.com/datasets?q=asiswintershorelines	ArcGIS Online: Assateague Island National Seashore Winter Shorelines
External Link	https://asis-nps.opendata.arcgis.com/datasets?q=asisbayshorelines	ArcGIS Online: Assateague Island National Seashore Bay Shorelines

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