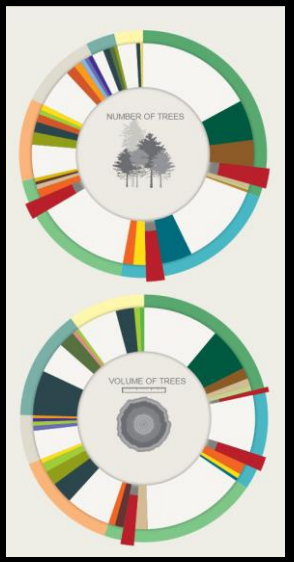
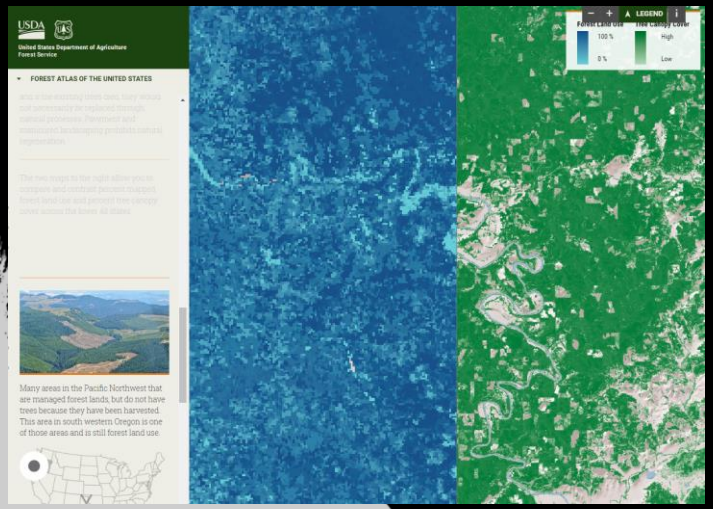
Digital Engagement Products… Today & Tomorrow

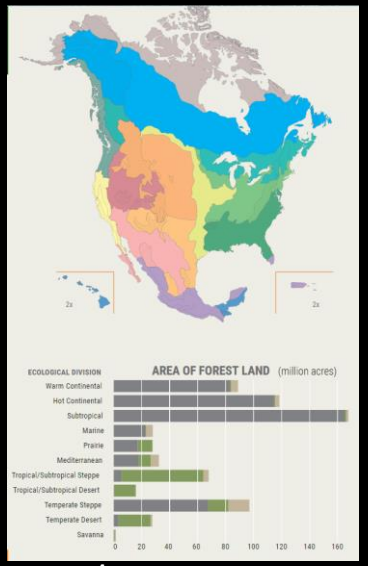
An update of the FIA Digital Engagement Portfolio

Engagement Portfolio

Providing rich, interactive experiences for the public while simultaneously making forestry data available to resource professionals and other users...







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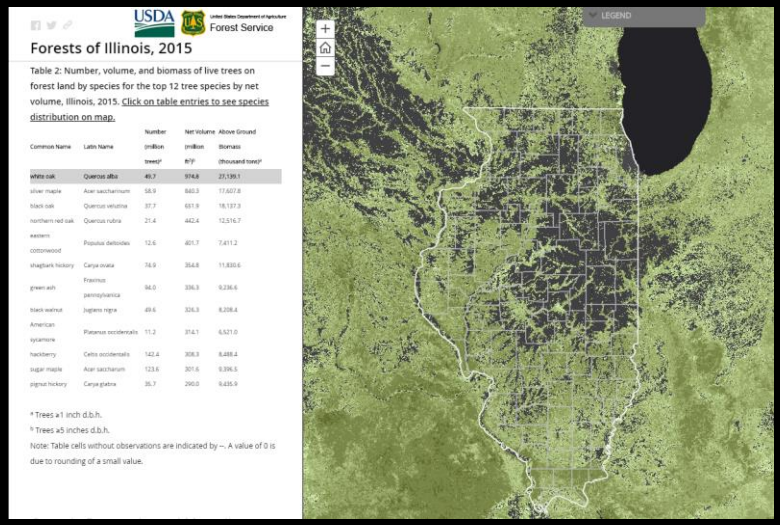

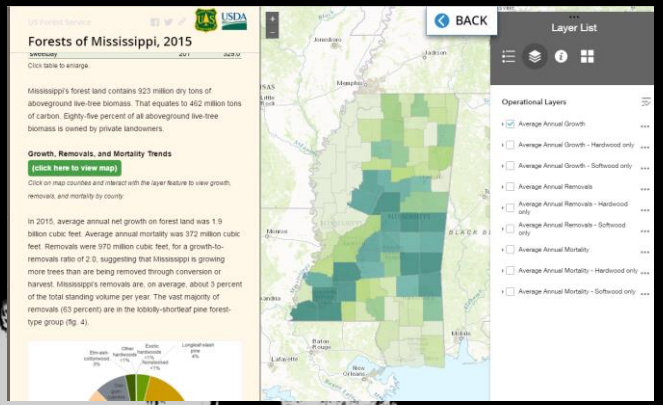

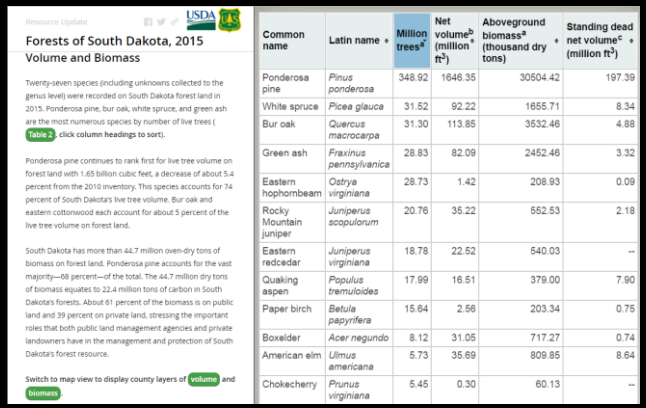

Common name	Latin name	Million trees[a]	Net volume[b] (million ft³)	Aboveground biomass[a] (thousand dry tons)	Standing dead net volume[c] (million ft³)
Ponderosa pine	*Pinus ponderosa*	348.92	1646.35	30504.42	197.39
White spruce	*Picea glauca*	31.52	92.22	1655.71	8.34
Bur oak	*Quercus macrocarpa*	31.30	113.85	3532.46	4.88
Green ash	*Fraxinus pennsylvanica*	28.83	82.09	2452.46	3.32
Eastern hophornbeam	*Ostrya virginiana*	28.73	1.42	208.93	0.09
Rocky Mountain juniper	*Juniperus scopulorum*	20.76	35.22	552.53	2.18
Eastern redcedar	*Juniperus virginiana*	18.78	22.52	540.03	--
Quaking aspen	*Populus tremuloides*	17.99	16.51	379.00	7.90
Paper birch	*Betula papyrifera*	15.64	2.56	203.34	0.75
Boxelder	*Acer negundo*	8.12	31.05	717.27	0.74
American elm	*Ulmus americana*	5.73	35.69	809.85	8.64
Chokecherry	*Prunus virginiana*	5.45	0.30	60.13	--

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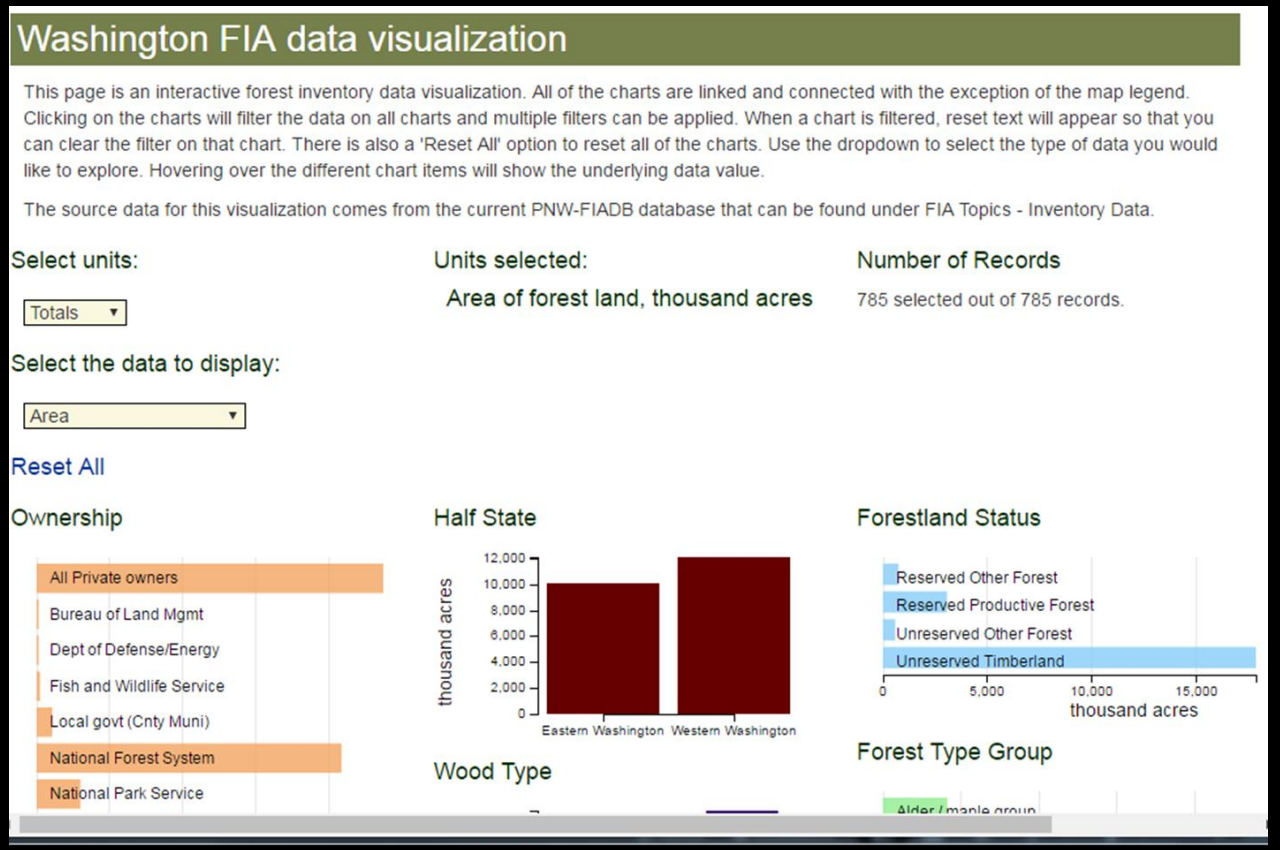

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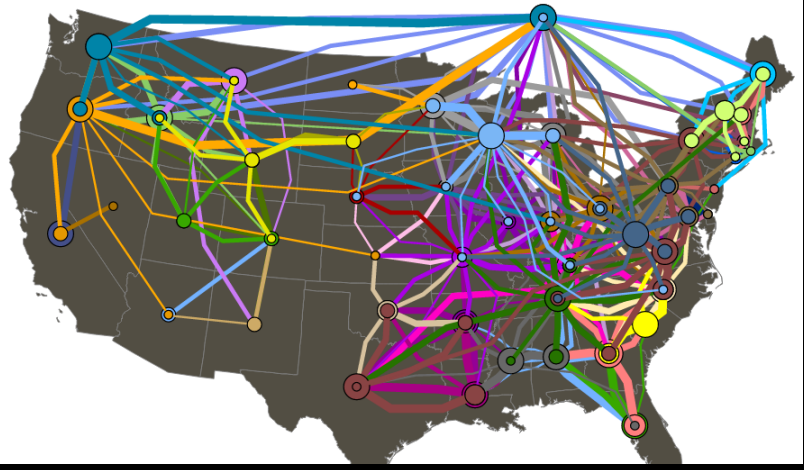
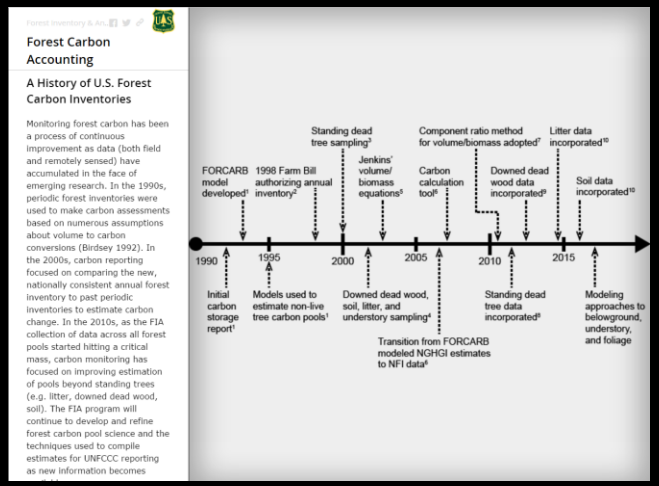
Wood Movement in the United States

Timber is often processed and used far from where it was harvested. The depiction of timber flow in the United States illustrates harvest levels and the movement of logs to mills. Clearly, timber is moving all over the country, and some logs are even shipped to international markets. Understanding patterns in wood movement is important. This movement results from the complexity of wood product markets that connect landowners, loggers, mills, and consumers.





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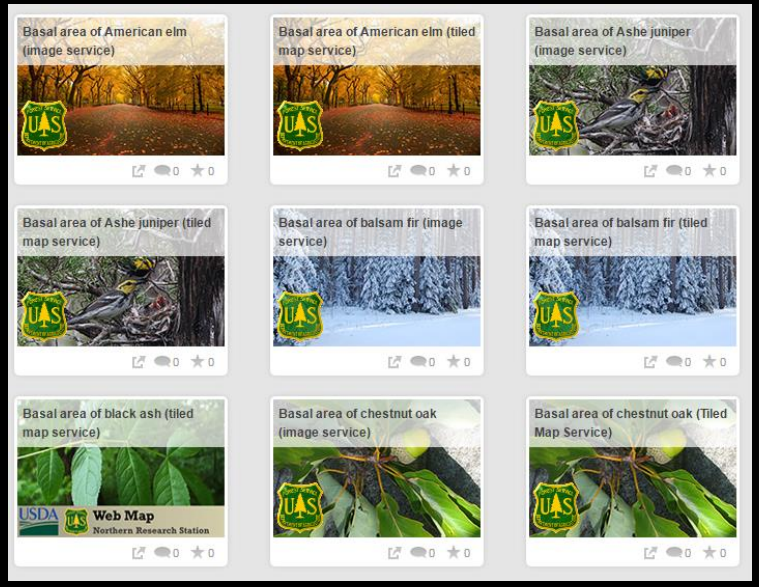

Geoplatform.gov

Document Link by USFS_FIA. Last Modified Nov 7, 2016.

The GeoPlatform provides shared and trusted geospatial data, services, and applications for use by the public and by government agencies and partners to meet their mission needs.

(1 rating)

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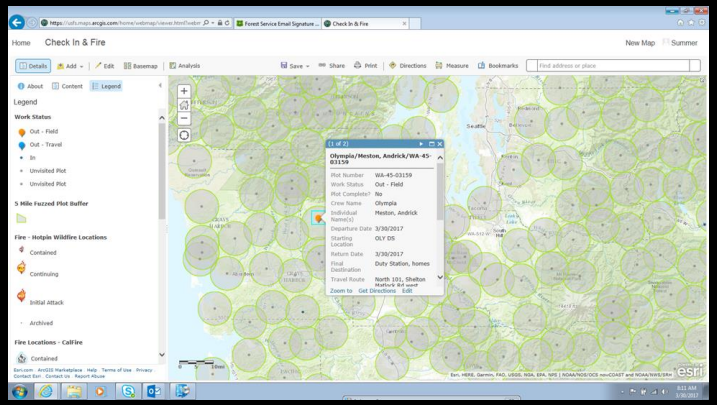

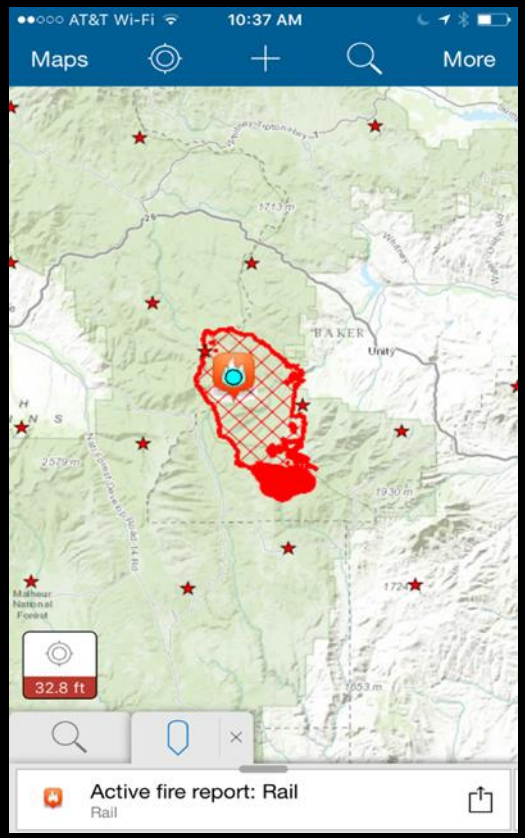

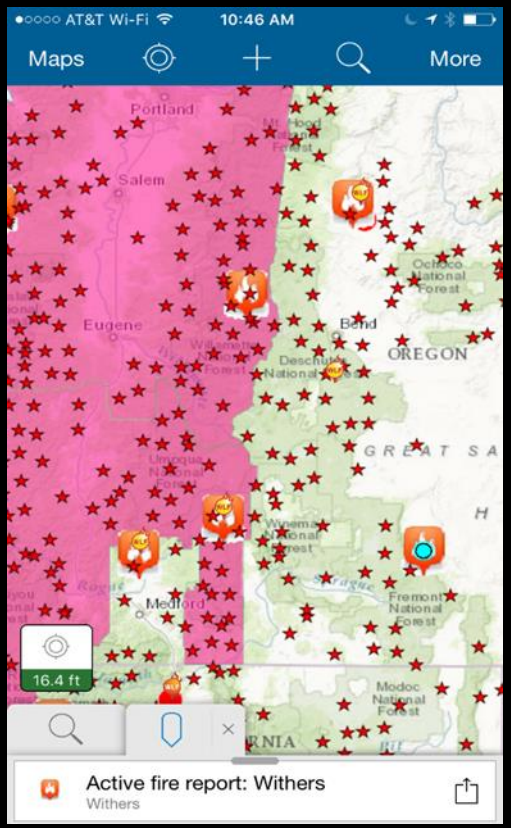

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Timber Supply Analysis Tool by Texas A&M Forest Service

Document Link by USFS_FIA. Last Modified Nov 7, 2016.

This application built by the Texas A&M Forest Service puts timber supply analyses in the hands of decision-makers and executives.

★★★★☆ (11 ratings)

My City's Trees

Document Link by USFS_FIA. Last Modified Nov 7, 2016.

The My City's Trees application produces custom reports summarizing urban forest benefits and services using the latest Urban Forest Inventory and Analysis (Urban FIA) data.

☆☆☆☆☆

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Journalists are paying attention…

One event – April 2016

- **77 media pickups**
  - **12 NRS**
  - **65 ESRI**
- **Outreach to 54,300,00 people**
  (assuming standard readership)


GCN

Technology, Tools and Tactics for Public Sector

STATE & LOCAL BIG DATA CLOUD CYBERSECURITY DATA CENTERS EMERGING TECH MOBILE RESOURCES

Click here to receive GCN magazine for FREE!

Forest Atlas of the United States

Forest Service creates gallery of maps and apps


MONGABAY

RAINFORESTS OCEANS ANIMALS & ENVIRONMENT

Mongabay Series: Global Forest Reporting Network

A bleak future for the U.S. 'wood basket'? Southern forests under threat

6 April 2016 / Apoorva Joshi

Despite a drop in lumber mills, logging of southern U.S. forests looks to be on the rise.


ArcNews Winter 2016

ArcGIS Is a System of Engagement...and a System of Record

Applying the Benefits of Geography Everywhere


FEDERAL NEWS RADIO 1500 AM

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PAY & BENEFITS WORKFORCE TECH MANAGEMENT ACQUISITION

TRENDING: Talent management problems? • TSP returns getting smaller? • What's wrong with federal hiring?

TECHNOLOGY

Home » Technology » Statistical agencies looking to...

Statistical agencies looking to C-suite, new digital tools to address biggest challenges

By Meredith Somers | @msomersWFED
February 14, 2017 5:57 am
5 min read

7 Shares


HOME › MEDIA › BLOG › BLOG ARCHIVES › GETTING A NEW PERSPECTIVE ON THE GREAT LAKES' WATER QUALITY

Getting a New Perspective on the Great Lakes' Water Quality

Posted by Cody Sullivan, U.S. Forest Service Research and Development Program in Forestry
Oct 07, 2016

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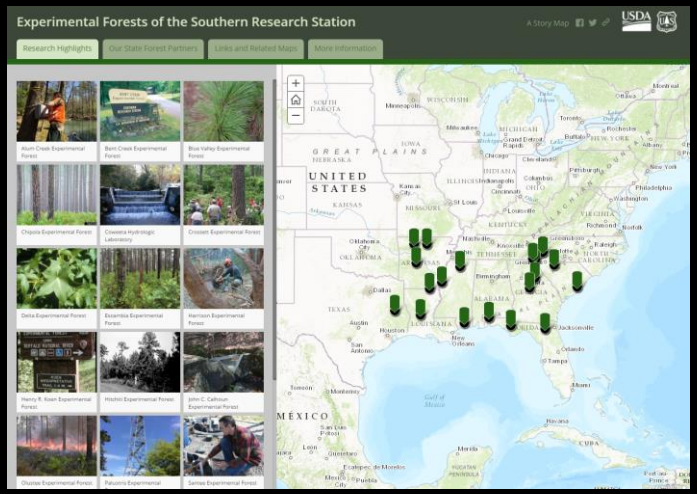
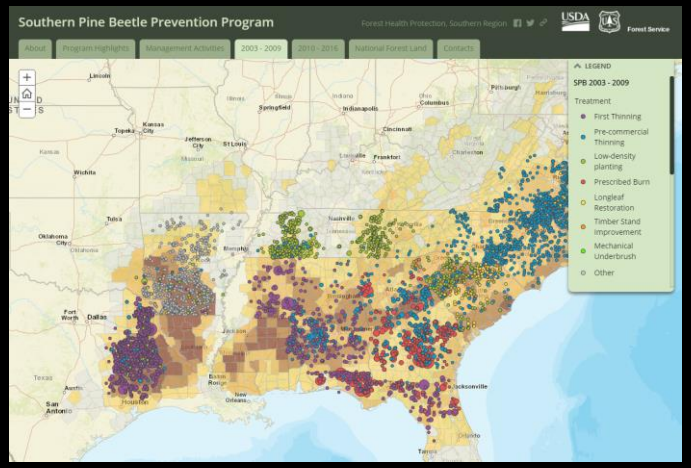
<u>One Result</u> – Groups are contacted us on a regular basis to PARTNER with FIA on development of future applications…

Some want help building capacity…

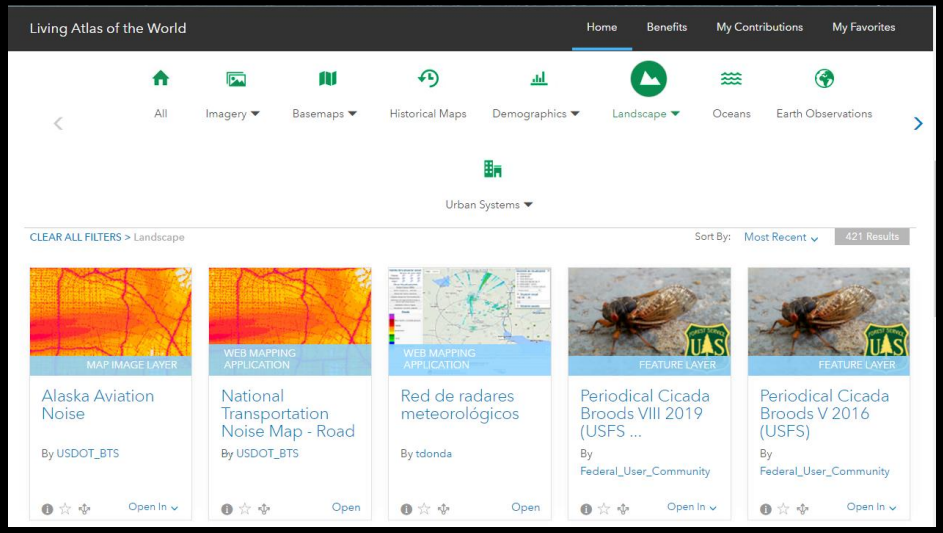




www.fia.fs.fed.us/engagement-portfolio

<u>One Result</u> – Groups are contacted us on a regular basis to PARTNER with FIA on development of future applications…

Some want our data too…



American Forest Foundation

We grow stewardship every day.

CHIEF INFORMATION OFFICE

CIO

Enterprise Applications Development

PURDUE UNIVERSITY

NSF

FOREST SERVICE US DEPARTMENT OF AGRICULTURE

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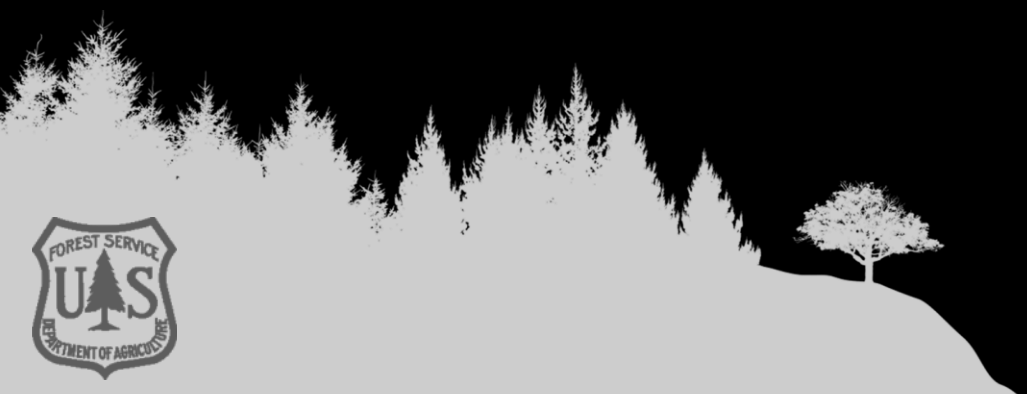
So… What do we want the future to look like?



USDA
United States Department of Agriculture

RESOURCE UPDATE FS-82

Forests of South Dakota, 2015

This resource update provides an overview of forest resources in South Dakota based on an inventory

Overview

Forests of South Dakota

usfs.maps.arcgis.com/apps/MapJournal/index.html?appid=96abf568df4c4fbbb9626f3ed

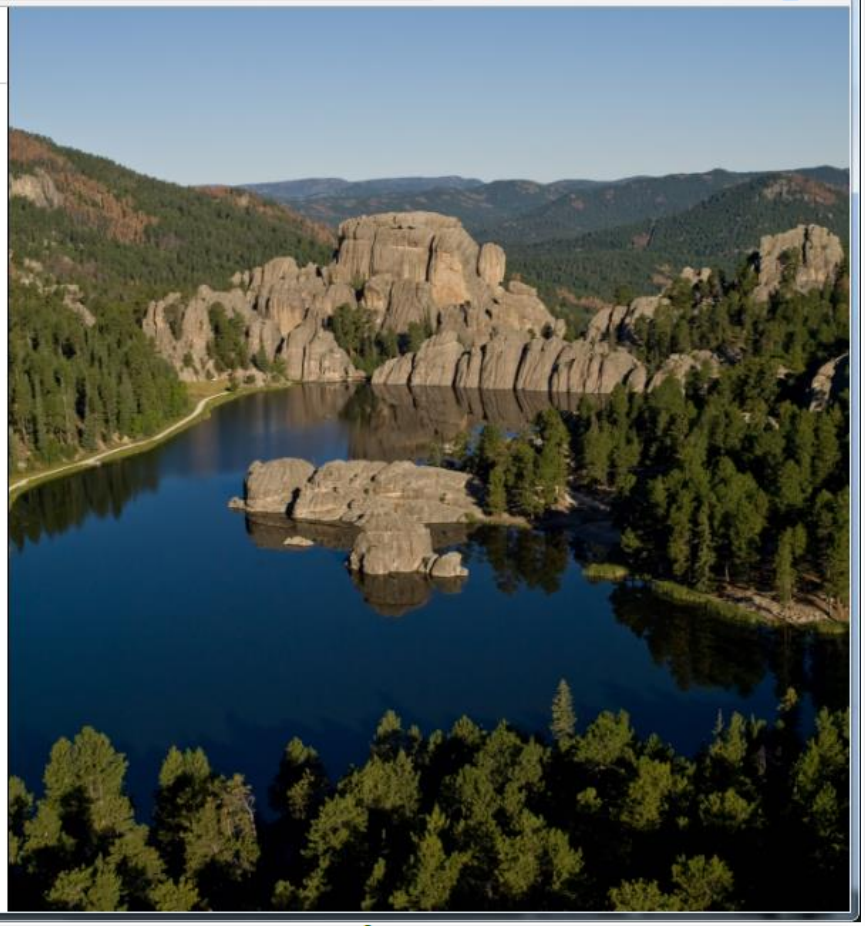
Resource Update

USDA

Forests of South Dakota, 2015

An interactive forest resource update from the USDA Forest Service, Northern Research Station, Forest Inventory and Analysis program.

This story map provides an overview of forest resources in South Dakota based on an inventory conducted by the U.S. Forest Service, Forest Inventory and Analysis (FIA) program at the Northern Research Station (NRS) in cooperation with the South Dakota Department of Agriculture, Resource Conservation and Forestry Division. Estimates are based on field data collected using the FIA annualized sample design and are updated yearly. For the 2015 inventory, estimates for



FIA Engagement Portfoli

usfs.maps.arcgis.com/home/item.html?id=e67afb7be2c8443ca64a2e8a8e473532#usage

From: 3/1/2016

To: 10/5/2016

Update Report →

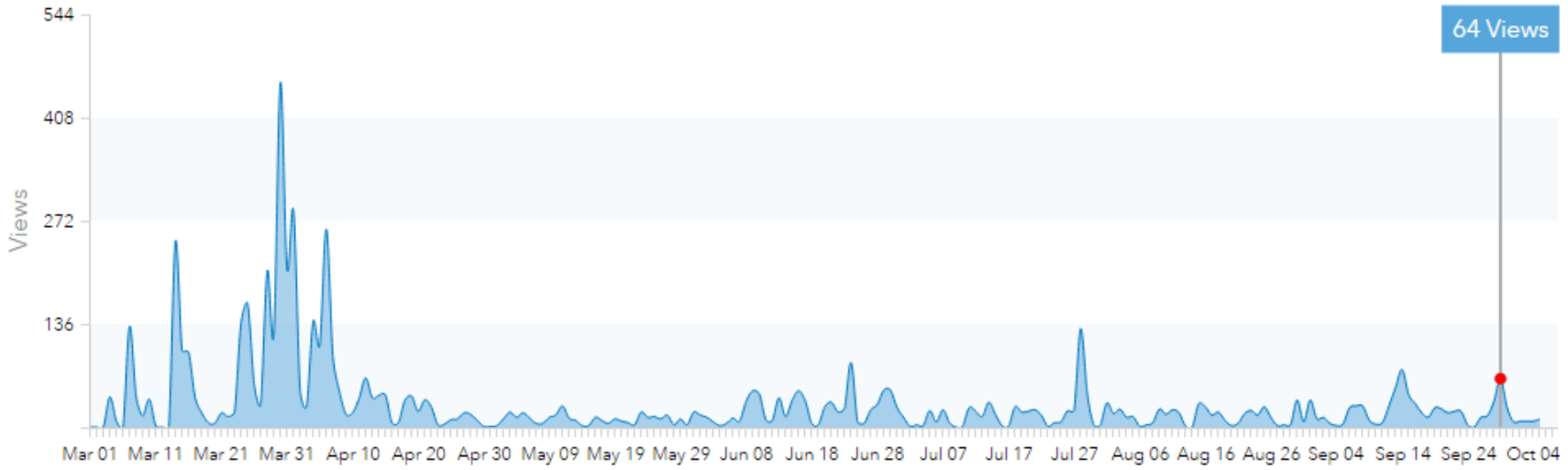
Views this Period

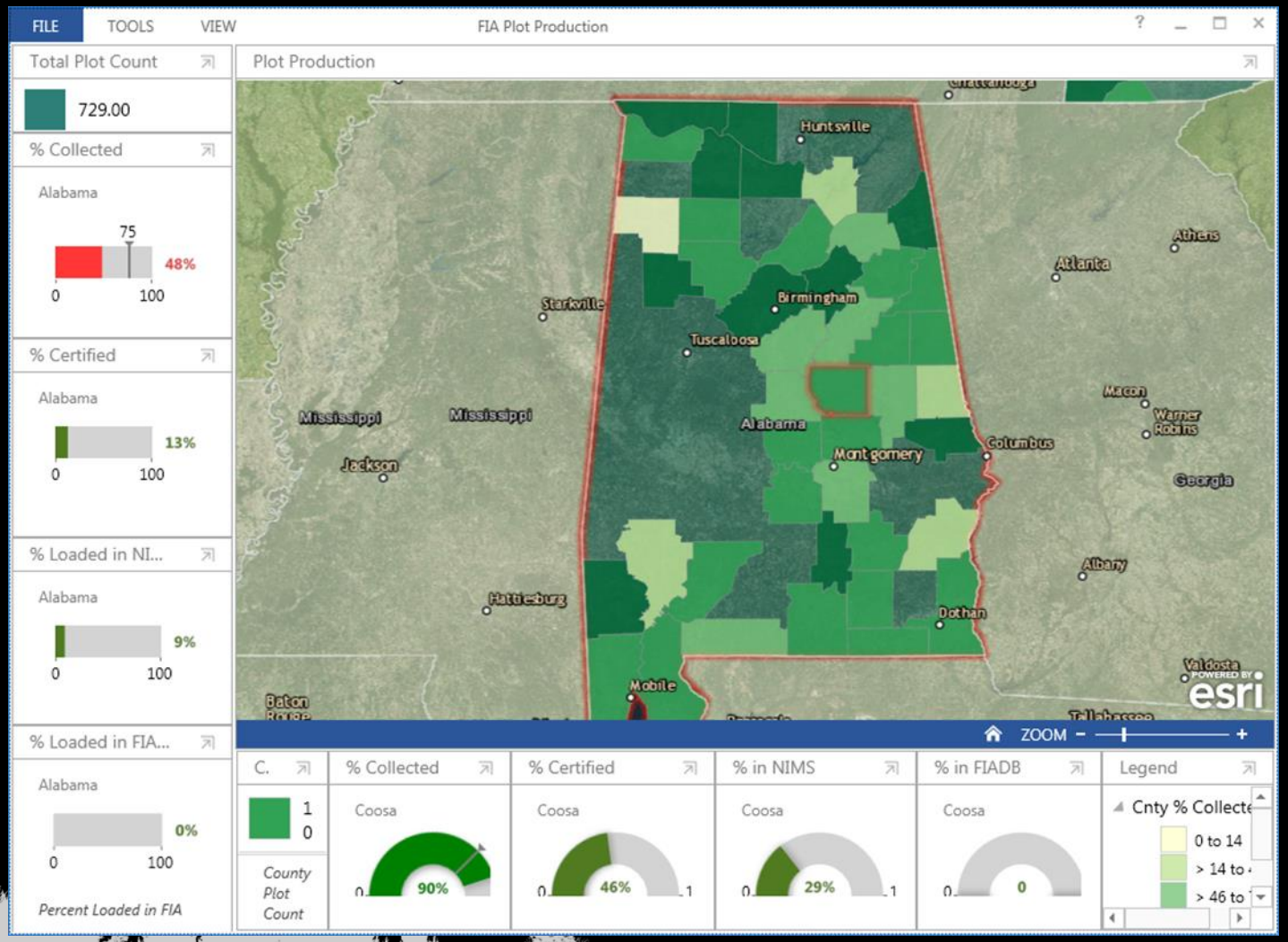
6,580

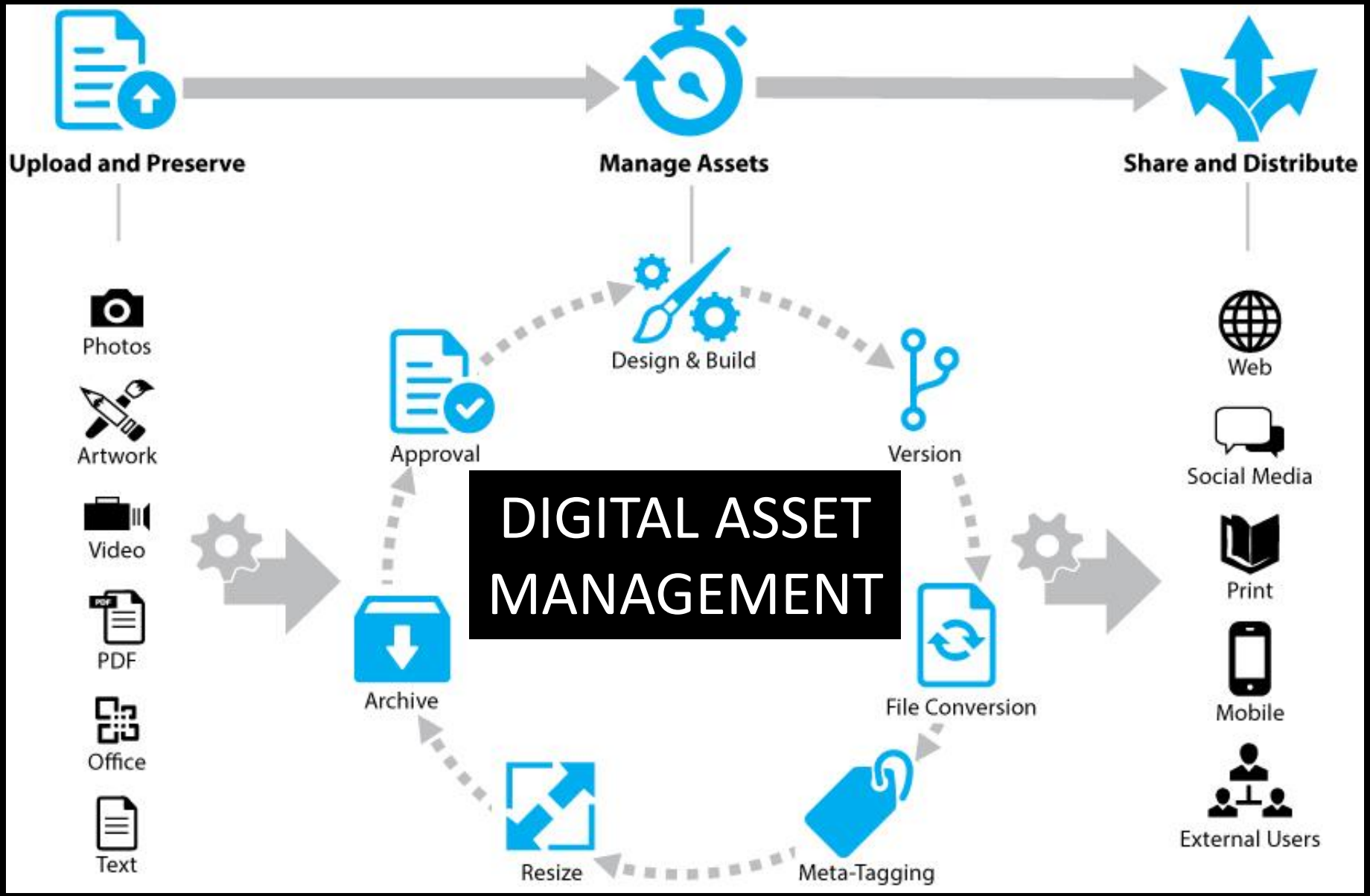
Avg Views Per Day

30.18

Usage Time Series

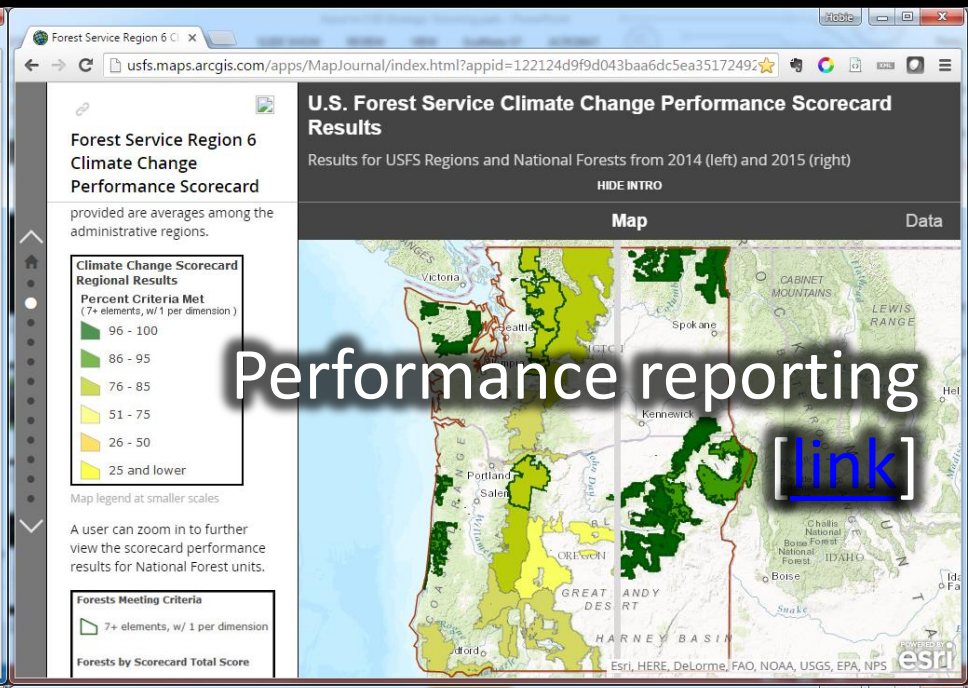



FILE
TOOLS
VIEW
FIA Plot Production
Total Plot Count
729.00
% Collected
Alabama
75
48%
0
100
% Certified
Alabama
13%
0
100
% Loaded in NI...
Alabama
9%
0
100
% Loaded in FIA...
Alabama
0%
0
100
Percent Loaded in FIA
Plot Production
Huntsville
Athens
Atlanta
Birmingham
Starkville
Tuscaloosa
Macon
Warner Robins
Mississippi
Mississippi
Alabama
Montgomery
Columbus
Jackson
Georgia
Albany
Hattiesburg
Dothan
Valdosta
Mobile
Baton Rouge
Tallahassee
POWERED BY esri
ZOOM
C.
1
0
County Plot Count
% Collected
Coosa
90%
% Certified
Coosa
46%
% in NIMS
Coosa
29%
% in FIADB
Coosa
0
Legend
Cnty % Collecte
0 to 14
> 14 to
> 46 to


Upload and Preserve
Manage Assets
Share and Distribute
Photos
Artwork
Video
PDF
Office
Text
Approval
Design & Build
Version
Archive
File Conversion
Resize
Meta-Tagging
DIGITAL ASSET MANAGEMENT
Web
Social Media
Print
Mobile
External Users

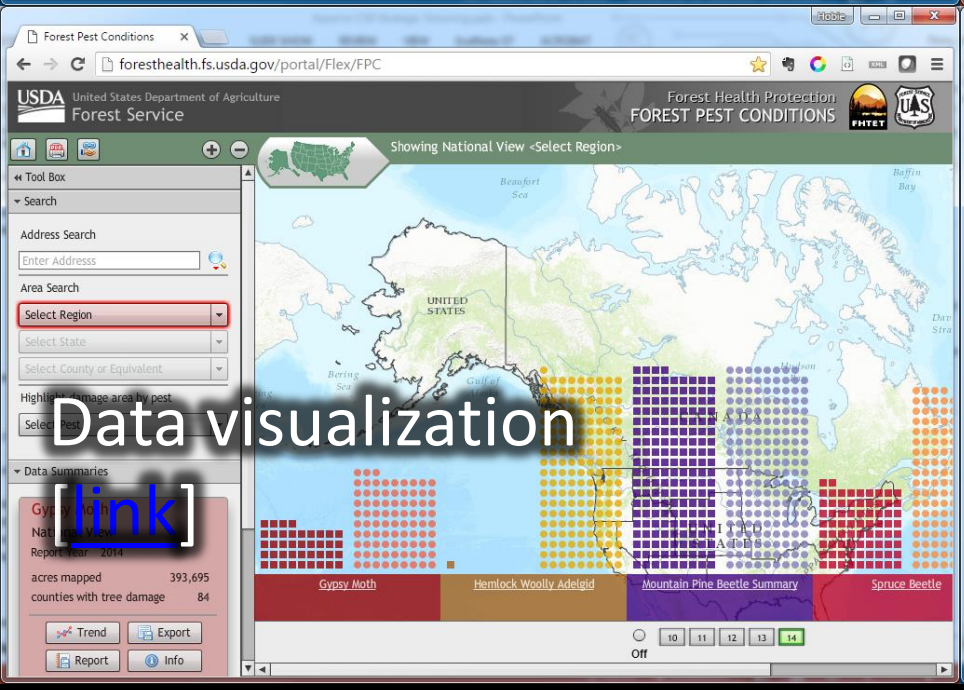
Rich APIs

[link]



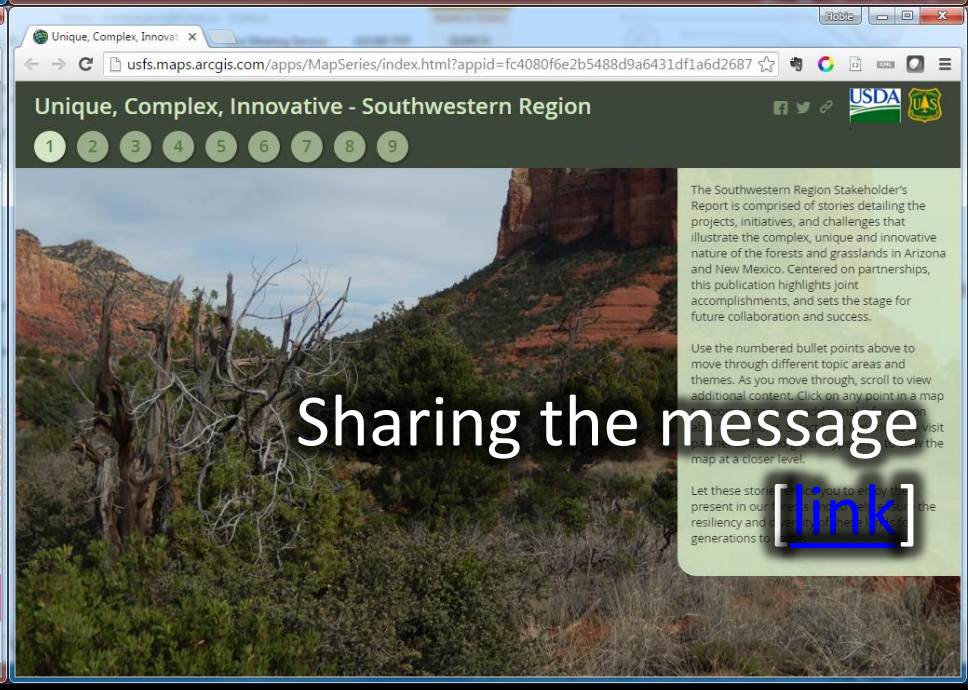
Performance reporting

[link]



Data visualization

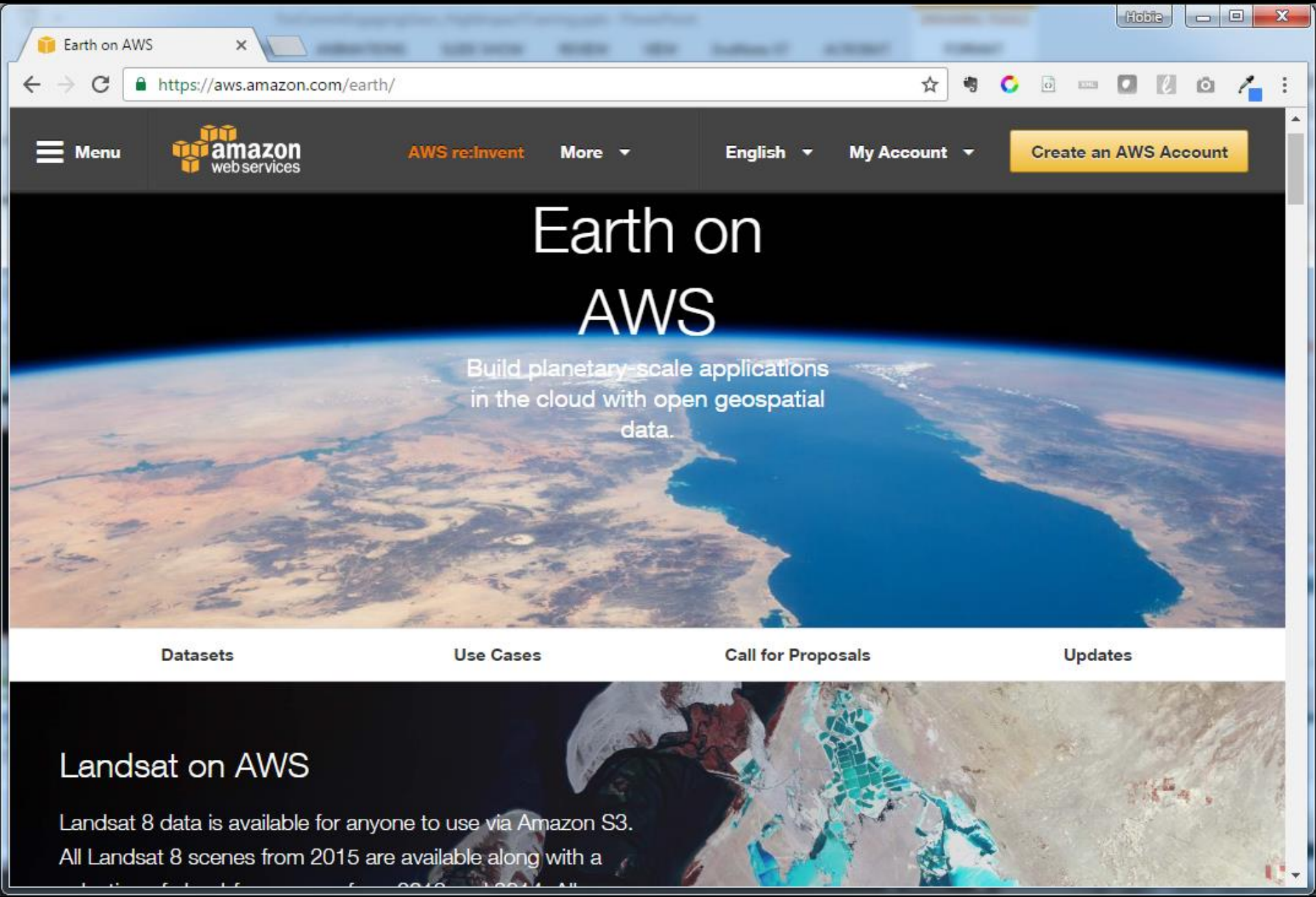
[link]



Sharing the message

[link]


Forest Service Research
www.fs.usda.gov/rds/archive/Product/RDS-2013-0013/
USDA United States Department of Agriculture
Forest Service
Research Data Archive
Roots of our Research
300+ tree species @ 250m
Forest Service Home
About the Agency
Contact the National Office
Search Data Catalog
Go
Browse by Subject
Data Catalog
Submitting Data
Data Use Info
Using our Formats
Metadata & Tools
FAQ
About Us
Links
Contact Us
Contact Information
Research Data Archive
US Forest Service
Attn: Dave Rugg
1 Gifford Pinchot Drive
Madison, WI 53726–2366
You are here: Data Archive Home > Data Catalog > RDS-2013-0013
Publication Details
Title: Live tree species basal area of the contiguous United States (2000-2009) GIS
Author: Wilson, Barry T. ; Lister, Andrew J. ; Riemann, Rachel I. ; Griffith, Douglas M.
Publication Year: 2013
How to Cite: These data were created by researchers of the USDA Forest Service and can be used without additional permissions or fees. If you use these data in a publication, presentation, or other research product please use the citation below when citing this data product:
Abstract: This data
Keywords: biota; ima
Data Access:
Forest Inventory and Ana
usfs.maps.arcgis.com/apps/Pu
Gallery/index.html?appid=783395df91dd43bb804f0491013ecf6d
United States Department of Agriculture
Forest Servic
Where Do Trees Grow?
This gallery hosts 24 tree species
the Forest Atlas of the United State
We encourage you to explore our collection of species, and we look forward to any feedback you might want to share.
Search maps
30m resolution?
Canopy change?
Other?
Basal area of American elm (image service)
Basal area of American elm (tiled map service)
Basal area of Ashe juniper
Basal area of Ashe juniper (tiled map service)
Basal area of balsam fir (image service)
Basal area of balsam fir (tiled map service)
Tree Species Distribution
Tree species differ in responses to their environment and ability to compete with one another for nutrients. These factors strongly influence where individual tree species are found across the landscape.
The Forest Service's Forest Inventory and Analysis (FIA) program recognizes more than 400 different tree species in its survey of the forests of the United States. These are 24 of the most important tree species found across the 19 ecological divisions found in the contiguous United States.


Earth on AWS
https://aws.amazon.com/earth/
Menu
amazon web services
AWS re:Invent
More
English
My Account
Create an AWS Account
Earth on AWS
Build planetary-scale applications in the cloud with open geospatial data.
Datasets
Use Cases
Call for Proposals
Updates
Landsat on AWS
Landsat 8 data is available for anyone to use via Amazon S3.
All Landsat 8 scenes from 2015 are available along with a

Questions…