Breaking the mold of USFS publications

Outline

- Review team, progress
- Review current products & discuss direction
- Seek guidance on NSAT role
  and opportunities for (esp. for e-pubs)

Current team

Source: State Library of New South Wales.

Tech Leads

Brett Butler; Andrew Gray; Mark Nelson; Sonja Oswalt(2); Hobie Perry (2); Chris Woodall(2)

Design/Editing

Mark Finco; Mary Carr; Linda Smith

Tech Contributors

Ken Brewer; Tom Brown; Ken Cordell; Will McWilliams; Gretchen Moisen; Todd Morgan; Dave Nowak; Chris Oswalt; Michele Schoeneberger; Ty Wilson;

Generic Development Process

- Concept
  - An idea
- Proof of Concept
  - Test of technical feasibility
- Prototype
  - Identification of stumbling blocks
  - Scoping issues
- Pilot
  - Production quality
  - Smaller scale
- Production

Content stolen from Ty Wilson…

Generic Development Process

- Concept
  - An idea
- Proof of Concept
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  - Identification of stumbling blocks
  - Scoping issues
- Pilot
  - Production quality
  - Smaller scale
- **Production**

Posters

We Are Here

Content stolen from Ty Wilson…

Past poster displays

- ✓FIA Science Symposiums
- ✓ESRI User Conference
- ✓NASF Annual Meeting
- ✓Society of American Foresters
- ✓Pecora 18

Image courtesy: Lorri Peltz-Lewis

Image courtesy: Lorri Peltz-Lewis

Detailed Process Overview

- ✓ Outline
- … Storyboarding
- … Data Sharing
- o Mechanicals
- o Proofing/Printing

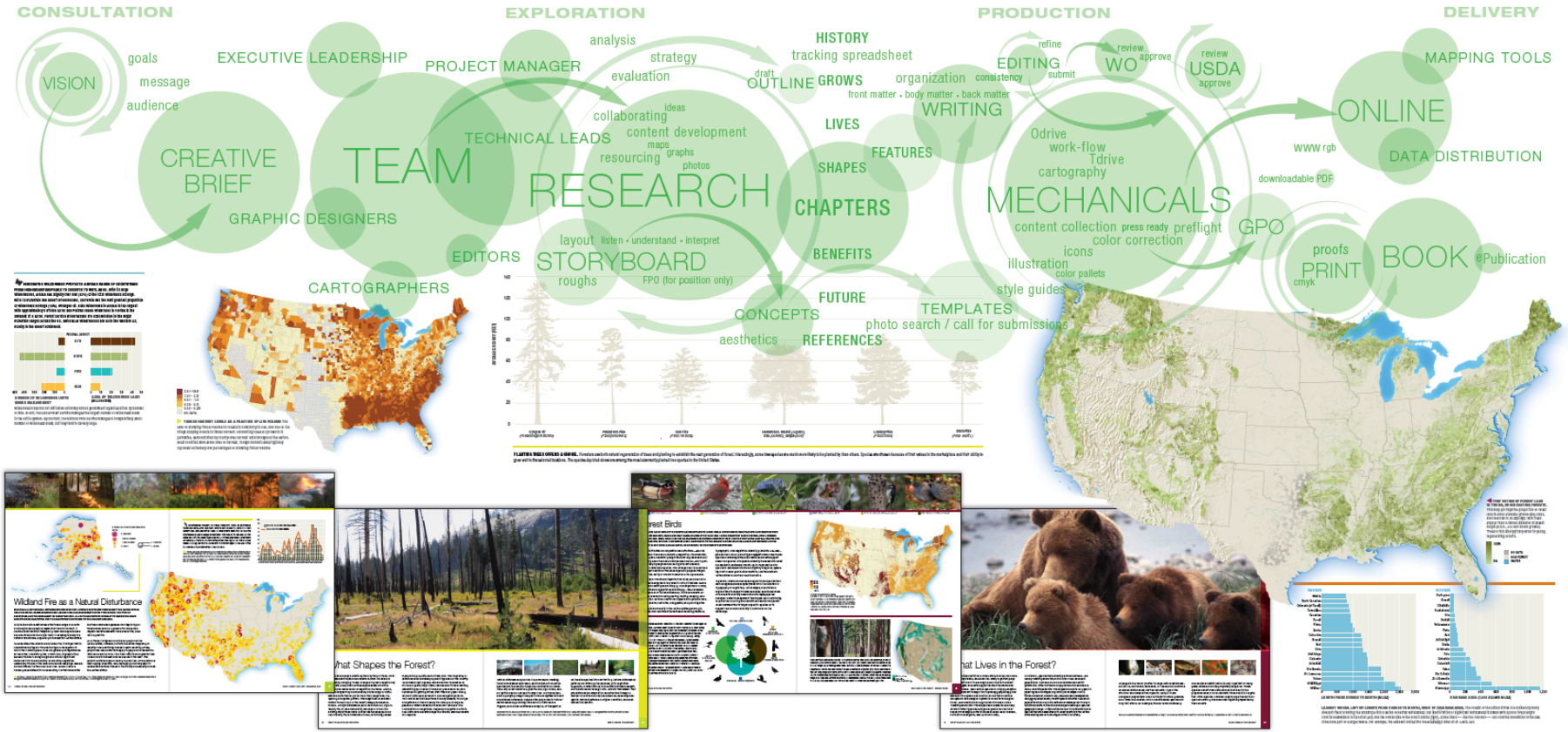
http://www.greenwitchastrology.com/wp-content/uploads/2009/08/clock-gears.jpg

History | Grows | Lives | Shapes | Benefits | Future

FOREST ATLAS OF THE UNITED STATES

The United States has a tremendous forest resource—more than 750 million acres of native and planted forests managed by public and private landowners for forest products, recreation, wilderness, wildlife habitat, and many other purposes. Over the past 150 years, basic surveys of United States forests have evolved into a rigorous inventory program that are used to share information about the value of these forests and the challenges that confront them. More recent technological and methodological advancements make it possible to create spatial products (maps) from the inventory data and other spatial data, such as digital elevation models and satellite imagery. The Forest Atlas of the United States uses these maps to highlight the value of our nation's forest in a highly graphic and novel manner. In the Forest Atlas of the United States, we explore these questions and many more: Where do forests grow? What else lives in forests? What shapes forests? What benefits do forests provide? What is in the future for our forests?

This project represents a strategic partnership between several different parts of the Forest Service, integrating FIA inventory data with remote sensing and GIS applications. Here we provide a sample of the content which will be included in the forthcoming atlas and highlight the use of maps, graphics, accessible text, and images to communicate forest monitoring information with the public.



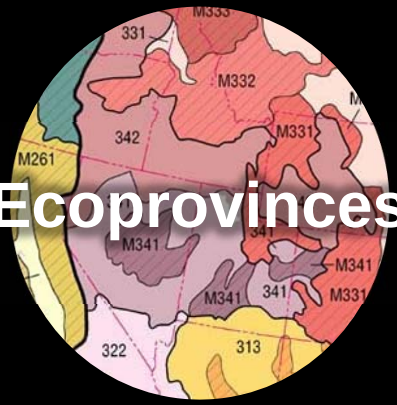
PRODUCED BY THE USDA FOREST SERVICE ■ EXECUTIVE LEADERSHIP: Rich Guldin[1] ■ PROJECT MANAGER: Hobie Perry[2] ■ TECHNICAL LEADS: Ty Wilson[2], Bret Anderson[1], Gary Bentrup[3], Ken Brewer[1], Tom Brown[4], Brett Butler[2], Ken Cordell[5], Charles Gale[6], Andrew Gray[7], Todd Kellerman[8], Peter Landres[4], Kris Lee[4], Greg Liknes[9], Will McWilliams[2], Gretchen Moisen[4], Todd Morgan[6], Mark Nelson[2], Dave Nowak[2], Christopher Oswalt[5], Sonja Oswalt[6], Colin Sorenson[6], Jim Steinman[6], Chris Woodall[2] ■ EDITORS: Jennifer Geraci[9], Monique L. Nelson[9], Mary Carr[9], CONTRIBUTING EDITOR: Mark Finco[10] ■ CONTRIBUTING CARTOGRAPHERS: Andrew Keske[11], Randy Vreeke[11] ■ ART DIRECTION, DESIGN: Linda R. Smith[10], Lou Ann Reineke[6] ■ AFFILIATIONS: 1 Washington Office; 2 Northern Research Station; 3 National Agroforestry Center; 4 Rocky Mountain Research Station; 5 Southern Research Station; 6 University of Montana; 7 Pacific Northwest Research Station; 8 Northeastern Area State and Private Forestry; 9 BASS Publishing Arts; 10 Remote Sensing Applications Center; 11 Geospatial Service and Technology Center ■ IMAGES: Content in layouts shown are for position only and subject to permission rights and approval ■ Please drink responsibly. **Congratulations to Ken on his retirement!**

Connections

1. Where Do Trees Grow?
2. What Else Lives in Forests?
3. What Shapes the Forest?
4. What Benefits Do Forests Provide?
5. What is the Future for Our Forests?
6. Reference Maps

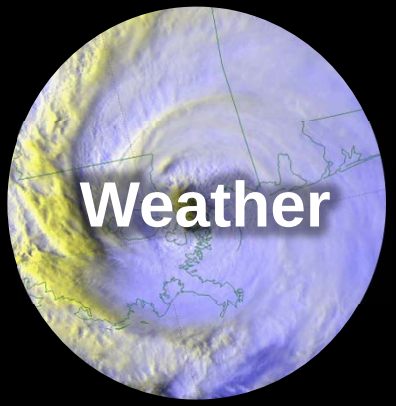
http://www.flickr.com/photos/digicana/4562013715/

Where Trees Grow



What Lives in Forests?

What Shapes Forests




Non-timber


Urban
Forests


Air


Aesthetics


Water


Riparian &
Windbreaks


Forest Life
Cycle


Recreation

Benefits

Benefits (cont.)

Wood is Renewable

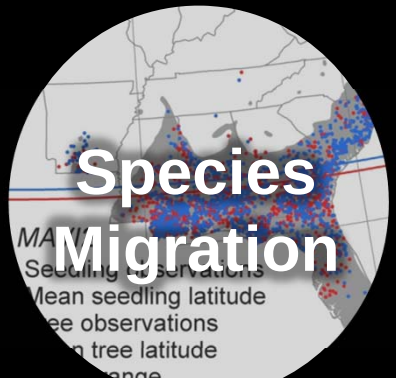

Rengenerating Forests

Wood Products


America Uses A Lot Wood


Forest Industries

Future of Our Forests



Web delivery:
A Partnership with RSAC

- Develop a proof of concept prototype that is:
  - Online
  - Easy to update
  - Interoperable
  - Cost effective
  - Efficient to develop
  - Versatile
  - Intuitive
  - Capacity-building
- Scoping exercise for production version
- Funding for roughly 8 weeks of RSAC time

Moving Forward. . .

THE OUTER LIMITS...
AN E-BOOK INTEGRATING:

- interactive maps;
- bird songs;
- pictures of pine cones and leaves;
- and more!

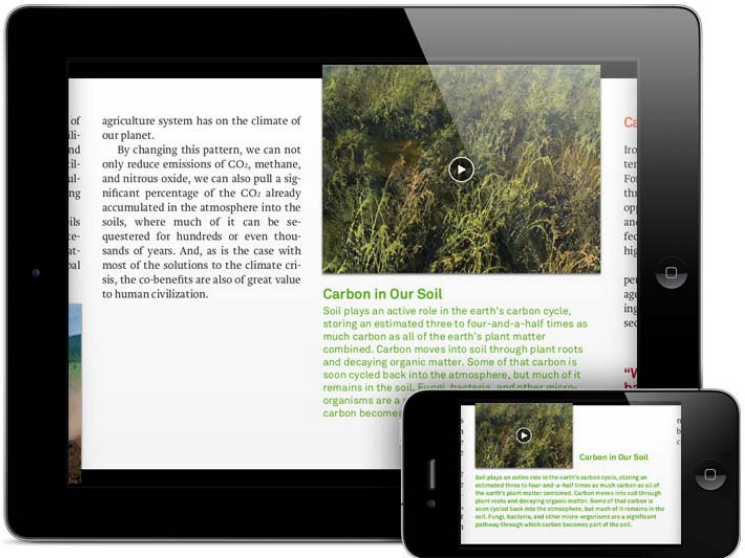
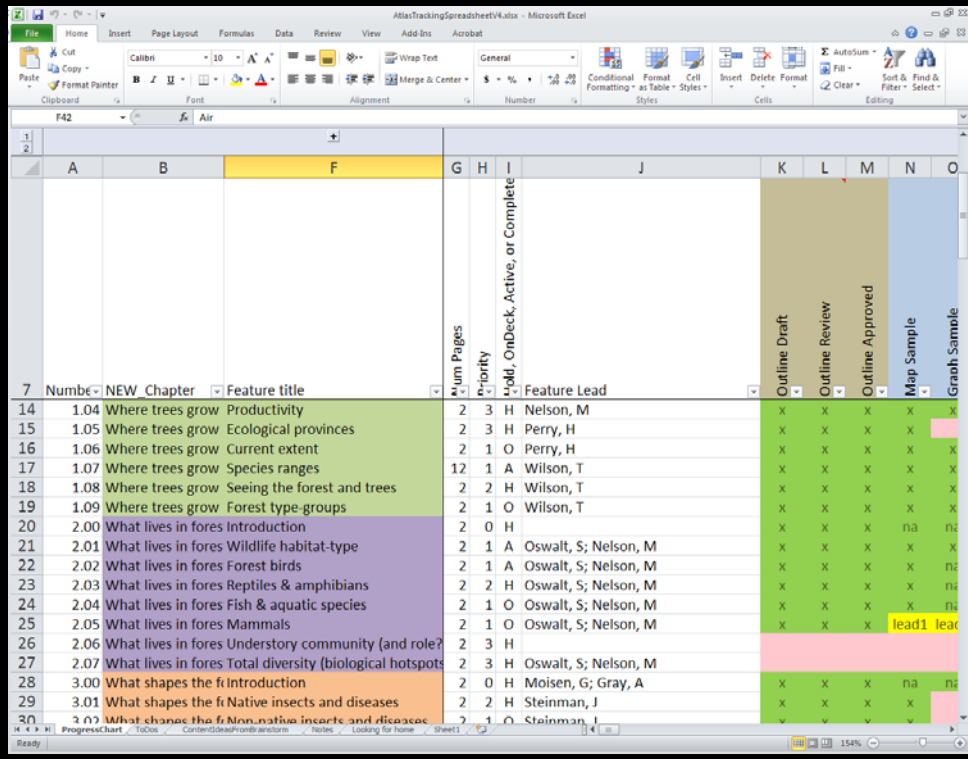


Image source: http://pushpoppress.com/ourchoice

We may review work in detail, as desired

- Tracking spreadsheet
- Storyboards



	A	B	F	G	H	I	J	K	L	M	N	O
7	Numbe	NEW_Chapter	Feature title	Num Pages	Priority	Hold, OnDeck, Active, or Complete	Feature Lead	Outline Draft	Outline Review	Outline Approved	Map Sample	Graph Sample
14	1.04	Where trees grow	Productivity	2	3	H	Nelson, M	x	x	x	x	x
15	1.05	Where trees grow	Ecological provinces	2	3	H	Perry, H	x	x	x	x	
16	1.06	Where trees grow	Current extent	2	1	O	Perry, H	x	x	x	x	x
17	1.07	Where trees grow	Species ranges	12	1	A	Wilson, T	x	x	x	x	x
18	1.08	Where trees grow	Seeing the forest and trees	2	2	H	Wilson, T	x	x	x	x	x
19	1.09	Where trees grow	Forest type-groups	2	1	O	Wilson, T	x	x	x	x	x
20	2.00	What lives in fores	Introduction	2	0	H		x	x	x	na	na
21	2.01	What lives in fores	Wildlife habitat-type	2	1	A	Oswalt, S; Nelson, M	x	x	x	x	x
22	2.02	What lives in fores	Forest birds	2	1	A	Oswalt, S; Nelson, M	x	x	x	x	na
23	2.03	What lives in fores	Reptiles & amphibians	2	2	H	Oswalt, S; Nelson, M	x	x	x	x	na
24	2.04	What lives in fores	Fish & aquatic species	2	1	O	Oswalt, S; Nelson, M	x	x	x	x	na
25	2.05	What lives in fores	Mammals	2	1	O	Oswalt, S; Nelson, M	x	x	x	lead1	lead
26	2.06	What lives in fores	Understory community (and role?	2	3	H						
27	2.07	What lives in fores	Total diversity (biological hotspots	2	3	H	Oswalt, S; Nelson, M					
28	3.00	What shapes the fo	Introduction	2	0	H	Moisen, G; Gray, A	x	x	x	na	na
29	3.01	What shapes the fo	Native insects and diseases	2	2	H	Steinman, J	x	x	x	x	
30	3.02	What shapes the fo	Non-native insects and diseases	2	1	O	Steinman, J	x	x	x	x	

- Key words:
  - FPO
  - Textbook
  - Census Atlas
  - NGS

A Content Spectrum

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