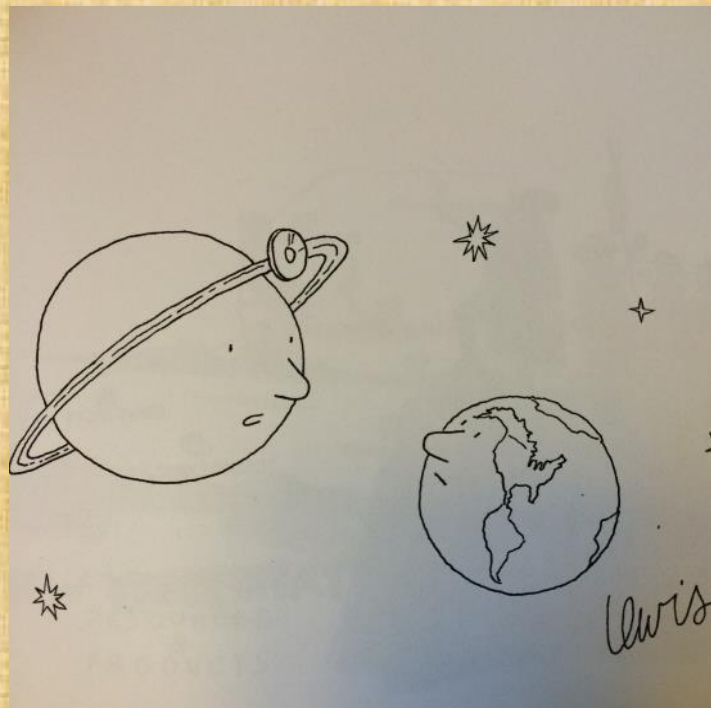


Building Community Resilience Through Forestry,

Allegheny SAF – Winter Meeting
Phil Rodbell, U.S. Forest Service

Summary

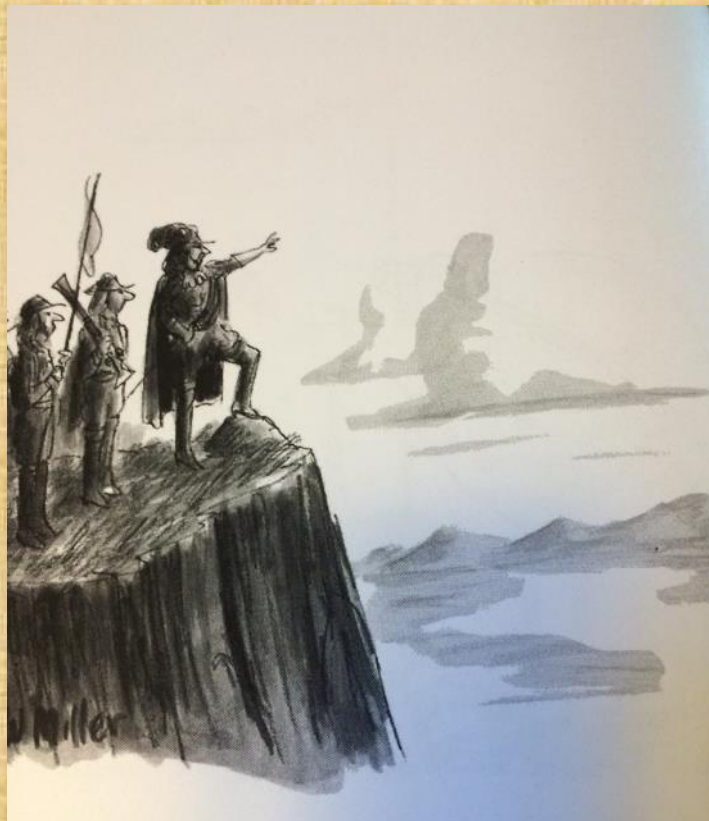


“Earth, I’m afraid you have humans”

Forest disturbance and resilience



Green infrastructure



“Someday, all this will be infrastructure”

Gray to green



Community forestry



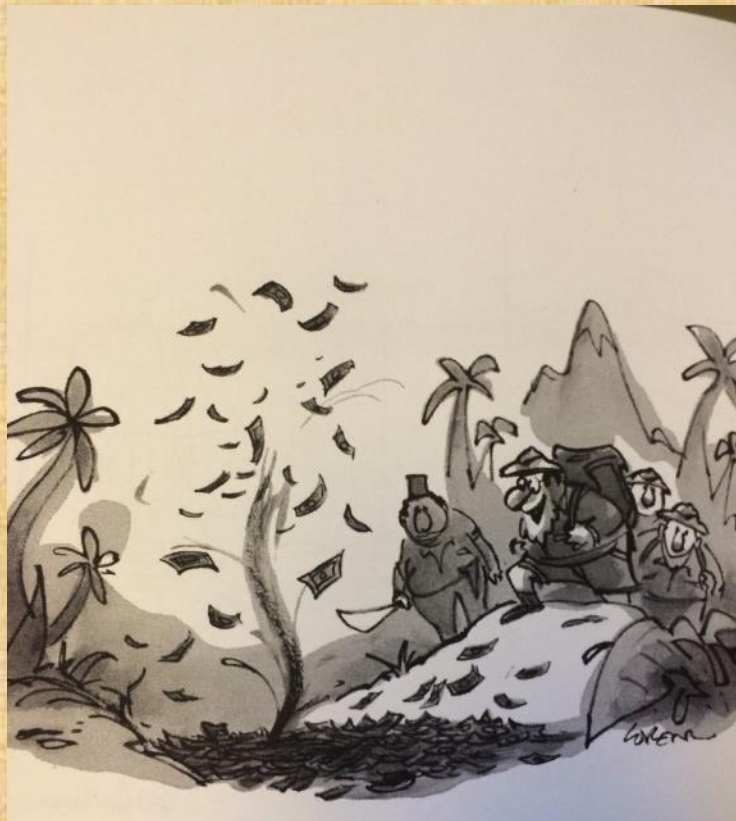
It takes a village



Specific Activities

- Advance inventory, monitoring, and assessment information across all lands.
- Encourage recovery of damaged or deteriorated landscapes
- Work across boundaries to leverage ideas and additional resources
- Collaborate with regional planning organizations to provide data, tools, and other assistance.
- Facilitate watershed-based partnerships that foster conservation and citizen stewardship.
- Support the creation and maintenance of jobs and economic opportunities that will produce and use forest products.
- Expand opportunities for underserved youth to have meaningful outdoor experiences that lead to a conservation constituency.

State Forest Action Plans



*“By God, gentlemen, I believe we’ve found it –
the Fountain of Funding!”*

U.S. Forest Service Programs

- Forest Legacy
- Community Forest Program
- Forest Stewardship and Landowner Assistance
- Forest Health Protection
- Fire Prevention and Control
- Urban and Community Forestry

Celebrating 1990 **25** 2015 years

Forest Legacy • Forest Stewardship • Urban & Community Forestry



#ForestPrograms**25**



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Competitive funding

- Landscape Scale Restoration (LSR)
- Wildfire Risk Reduction – March 4th
- Urban Waters Small Grants
- Wood Innovations
- Emergency Forest Restoration Program (EFRP)
- Urban Forest Strike Team
- State small grants

Innovation matters



“Never, ever, think outside the box.”

Big picture thinking


- Public Trees → Whole Forest
- Neighborhood volunteers → State network
- City forest → Watershed protection
- County programs → Metropolitan
- Metro → Mega-Region

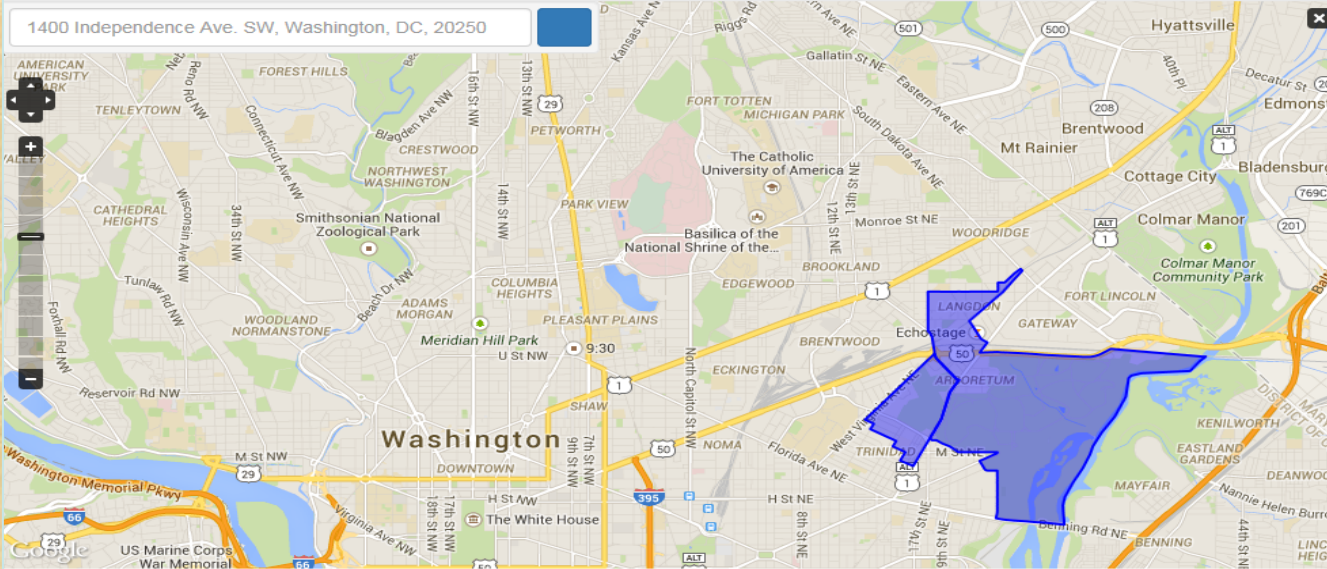
The Green Industry

A coalition for better trees and forests:

- Local, State, Federal Government
- Commercial and Utility Sector
- Nonprofit and Community Based Groups
- Academic Institutions
- Volunteer Boards and Commissions

New tools


i-Tree Landscape v0.6.2
Maps Help



Pan or Select

Map Layers

Canopy & Land Layers

Base Maps

Select By

Block Group ▼

(ctrl + click) to (de)select multiple regions.

Process Statistics

Find Locations
Explore Location Data
See Tree Benefits
Prioritize Tree Planting
Generate Results

Back

Dataset
HiRes
2011
2001

Unit
Metric
English

Display
Table
Chart

Next

Carbon

Air Pollution

Hydrology

Remove	Type	ID	Highlight	CO		NO ₂		O ₃		PM _{2.5}		SO ₂		PM ₁₀₊	
				\$/yr	Kg/yr	\$/yr	Kg/yr	\$/yr	Kg/yr	\$/yr	Kg/yr	\$/yr	Kg/yr	\$/yr	Kg/yr

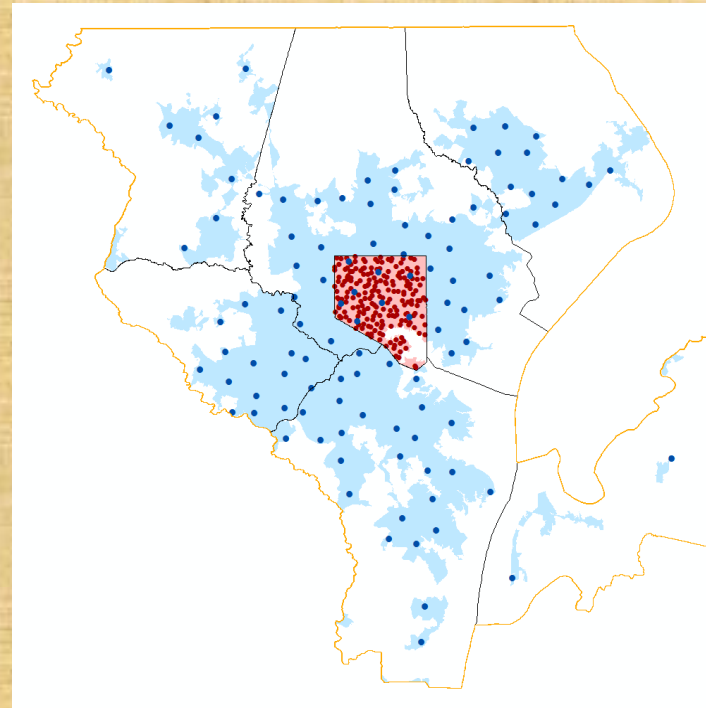
Forest Inventory & Analysis

Core FIA



- 10% Canopy Cover
- 120' Wide & 1 Acre in Size
- Not Developed for a Non-Forest Use

Urban FIA



- Within Census Defined Urban Areas/ Urban Clusters
- Or within the Census “City Place” shape file of the Target City.

Make friends at the crossroads

- Focus on shade and energy conservation
- Increase water retention and infiltration
- Keep trees alive and thriving
- Show concern for the whole forest
- Find markets for your wood
- Take planning seriously
- Hug your community tree huggers

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