



Forest Innovation
Platform



The Forest Innovation Platform

Workshop to Advance USDA Guidelines on Quantifying
Greenhouse Gas Flux in Managed Forest Systems

October 22, 2024

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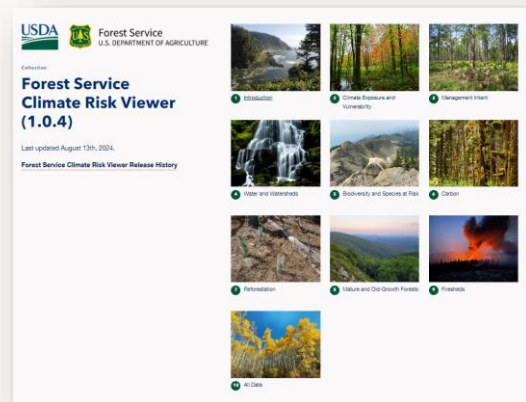
Director, Climate Science

American Forests

The Forest Innovation Platform

The Forest Innovation Platform (FIP) aims to support **community-led, data-driven, climate-informed** planning, using a technical suite of integrated data and tools:

- ✓ a data hub
- ✓ a decision support tool
- ✓ a tool library
- ✓ an innovation network



Climate Risk Viewer
Released April 18th, 2023



USFS Identified the Need for a
Decision Support Tool
Summer 2023



Forest Innovation Platform
Fall 2023

“How is my forest vulnerable to climate change and what adaptation actions can I take?”

Connections to Entity Guidelines for Forests

☞ Carbon stewardship and climate resilience go hand in hand

FIP can:

- Assess **climate vulnerabilities** to carbon uptake and storage
 - Both natural disturbances and climate change impacts
- Identify **management actions** for climate resilience and adaptation

Entity Guidelines can:

- Quantify **carbon trajectories** of climate resilience management practices
- Examine **other important aspects** of management practices (i.e., utilization of small diameter thinning material)

U.S. DEPARTMENT OF AGRICULTURE
OFFICE OF THE SECRETARY
WASHINGTON, DC 20250

SECRETARY'S MEMORANDUM 1077-004
June 23, 2022

Climate Resilience and Carbon Stewardship of America's
National Forests and Grasslands

Outlines actions that USDA and USFS will undertake so that **data-informed policies, strategies, and actions** are in place to provide for increased carbon stewardship and climate resilience across our national forests and grasslands.

Opportunities for Collaboration + Integration

- ✓ FIP team will establish working groups in 2024, release draft platform in Fall 2025
 - Opportunities to inform data and decision support needs
 - FIP will provide geospatial carbon datasets (identified as major need during Entity Guidelines webinar)
- ✓ Ongoing discussions with Forest Carbon Platform team
- ✓ Shared thinking on navigating questions of scale
 - Both tools aim to provide data and analysis at various nested scales:
local → forest → state → regional → national
- ✓ Through Forest Innovation Network, potential opportunities for field verification of practices
 - Understanding current silviculture and impacts enables better carbon models and GHG monitoring