

Pennsylvania Vision for Climate-smart Forestry



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Outline

- **An historical perspective**
- **BOF Vision (for forests)**
- **Planning and Climate Smart BMPs**
- **Moving forward**



They had vision...

- Expanses of degraded forests
- Wildfires and soil erosion
- Raw sewage in Hbg
- Watershed protection
- Forest conservation and eventual formation of PA Bureau of Forestry



Land and people were both part of the challenge and solution

Draft Strategic Plan

Forests for All: A Plan for Pennsylvania's Forests and People

Vision

- **A Pennsylvania of abundant, healthy, and resilient trees, forests, and native wild plants;**
- **An engaged populace that values and equitably receives the benefits these resources provide; and**
- **People and communities across Pennsylvania that are inspired and empowered to steward these resources.**



Strategic Plan Priorities

- **STRENGTHENING OUR RESOURCE
MANAGEMENT FOUNDATIONS**
- **GROWING OUR WORK AROUND
PEOPLE AND COMMUNITIES**
- **INVESTING IN OUR PEOPLE AND
TEAMS**



DCNR Climate Action Plan

- PA climate change impacts & projections
- Bureau-specific action plans to address threats
- Carbon sequestration and mitigation efforts
- Environmental justice considerations
- Emerging technologies
- Finalize in 2025

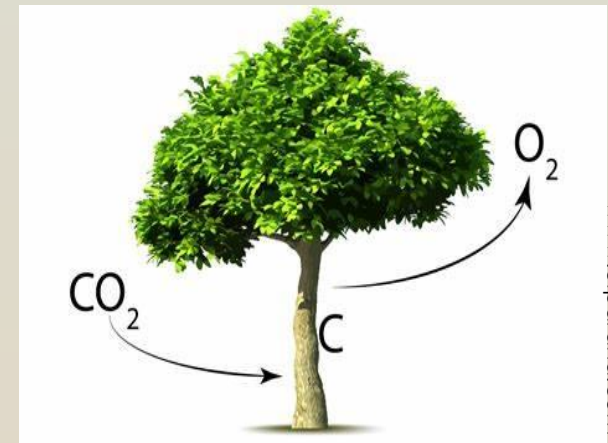


Bureau of Forestry Climate Actions

- **2018 actions as standard operating procedures**
- **Manage forests for regeneration of healthy and diverse stands**
- **Assist in private lands resilience, carbon sequestration and storage**
- **Conserve connected landscapes and carbon sinks**
- **Flood resilient infrastructure, stream and floodplain conservation**
- **Pest, pathogen, and invasive plant monitoring and management**
- **RTE species conservation**
- **Natural disaster and wildfire preparedness and response**
- **Increase carbon sequestration through Forest Carbon Management Principles**

BOF Forest Carbon Management Principles

- **Keep Forests As Forests**
- **Healthy Forests Sequester and Store More Carbon**
- **Plant Trees**
- **Conserve and Enhance Wetlands**
- **Regenerate and Restore Vigorous Young Forests**
- **Conserve and Enhance Old Growth and Late-Successional Forests**
- **Support the Use of Durable Wood Products**
- **Practice Sustainable Forest Management**
- **Protect Soil Health**
- **Learn, Plan, Monitor, and Adapt**



BOF Climate-smart Forestry Implementation

- Goals
- Practices
- Projects

- Genetics, seed sources,
planting, silviculture,
watershed and UTC
restoration, EDRR





Intentionality of *Climate Smart Forestry*

- Understanding the science and complexity
- Equity
- Investing (staffing, research, restoration)
 - Riparian areas, urban tree canopy, degraded woodlands
- “policies” and programs to support working forests
- Partnerships and collaboration
- Communications, connections, and trust building



THANK YOU!