

# Use of C&I at the Regional Level in the Northeast & Midwest

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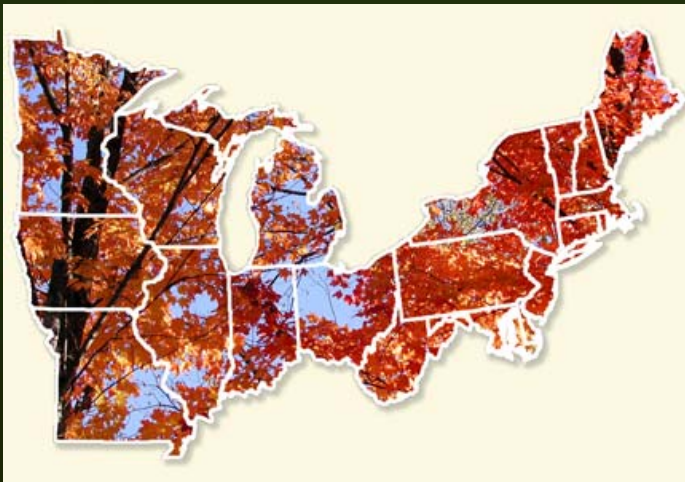


# Presentation Overview

- Background on C&I in the Northeast
- Using the Montreal Process C&I
- Regional success using C&I
- Implementation and use challenges
- Addressing data gaps
- Lessons learned
- Making the most of this meeting

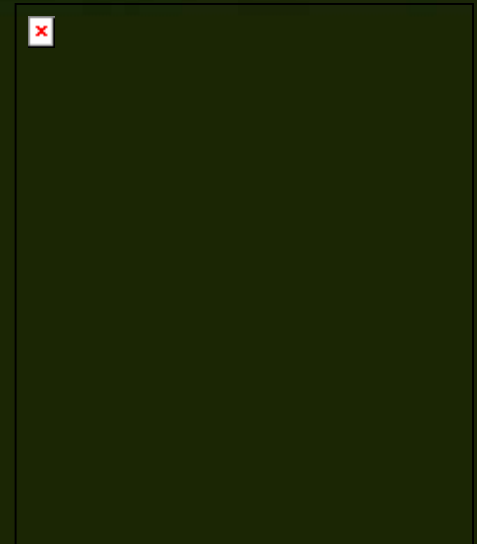


# Background on Regional C&I Effort



- 20 State region
- Collaborative effort between NA & NAASF

- Considered existing C&I efforts
- Began 1<sup>st</sup> C&I assessment
- Started clearinghouse



# Using the MP C&I to develop the NA/NAASF Base Indicators

- Adopted the MP Criteria for regional effort
- Developed “base” set of indicators for State & regional monitoring
  - Work group of State forest planners & NA S&PF staff
  - Evaluated scale, reliability, feasibility, ease of interpretation, and data availability
  - Selected to span the MP Criteria
- 1 ½ year process—adopted in 2001



# NA/NAASF Base Indicators

## Criterion 1—Conservation of Biological Diversity

1. Area of total land, forest land, and reserved forest land
2. Forest type, size class, age class, and successional stage
3. Extent of forest land conversion, fragmentation, and parcelization
4. Status of forest/woodland communities and associated species of concern

## Criterion 2—Maintenance of Productive Capacity of Forest Ecosystems

5. Area of timberland
6. Annual removal of merchantable wood volume compared to net growth

# NA/NAASF Base Indicators

## Criterion 3—Maintenance of Forest Ecosystem Health & Vitality

7. Area of forest land affected by potentially damaging agents

## Criterion 4—Conservation & Maintenance of Soil & Water

8. Soil quality on forest land
9. Area of forest land adjacent to surface water, and forest land by watershed
10. Water quality in forested areas

## Criterion 5—Maintenance of Forest Contribution to Global Carbon Cycles

11. Forest ecosystem biomass and forest carbon pools



# NA/NAASF Base Indicators

## Criterion 6—Maintenance & Enhancement of Long-term Multiple Socio-economic Benefits...

- 12. Wood and wood products production, consumption, and trade
- 13. Outdoor recreational participation and facilities
- 14. Investments in forest health, management, research, and wood processing
- 15. Forest ownership, land use, and specially designated areas
- 16. Employment and wages in forest-related sectors

## Criterion 7—Legal, Institutional, and Economic Framework for Forest Conservation and Sustainable Management

- 17. Forest management standards/guidelines
- 18. Forest-related planning, assessment, policy, and law

# Regional Success Using the NA/NAASF Indicators

- Agency strategic planning
- For issue and info management
- Communication products
- Ability to provide consistent info for 20 States for state-level forest planning



# Implementation & Use Challenges

- Obtaining scale-appropriate trend data
- Reporting on C&I in timely manner
- Maintaining internal communication
- Using C&I to communicate to lay audiences
- Setting benchmarks



# Addressing Data Gaps

- Some data available are not exactly what is desired
- Some data gap areas for regional & state use
  - Successional stage (*age group proxy*)
  - Trade or wood flow
  - Non-timber forest products
  - Forest fragmentation (so scale specific)
  - Consumption
  - Forest-related recreation employment
  - Water quality (*“ability to produce clean water” proxy*)



# Lessons Learned

- Implementation is an iterative process
- Difficult to agree and report on full MP C&I
- Data collection takes time and persistence
- Need to track data reporting cycles
- Need to keep up internal communication



# My Objectives for Roundtable Workshop Participation

- Brush up on updates to MP C&I
- Connect with 2010 report process (and data dev.)
- Learn from others experience
  - Use of C&I for regional strategic planning
  - Assistance for state use of C&I
- Make personal connections with virtual contacts!



# For More Information

<http://www.na.fs.fed/sustainability>

Thank  
You!

