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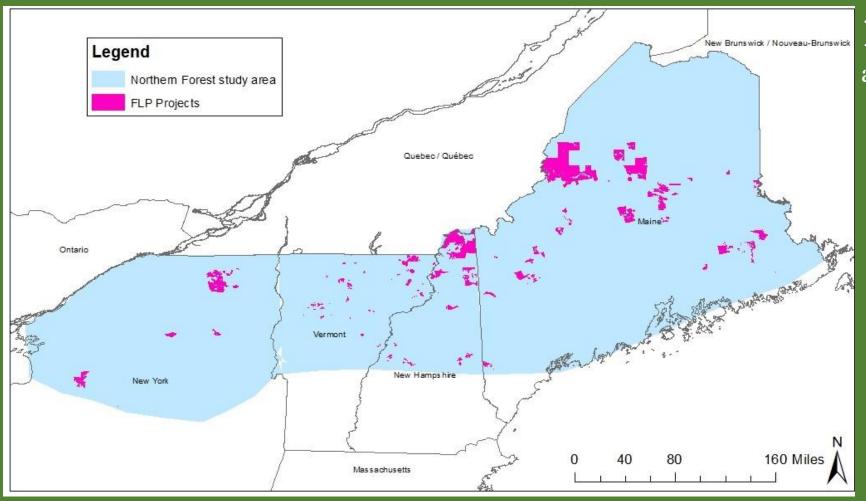
UMass Department of Environmental Conservation

November 13, 2019

Northern Forest

56
completed
projects

\$298
average total price/acre of easement or land purchase



1,297,416 acres conserved

34%
Average
percent
of nonfederal
cost share

Economic Contribution Analysis

How estimated economic activities contribute to regional economies

INPUTS

Jobs, spending or sales such as:

- Trip spending from visitors recreating on FLP properties
- Jobs associated with timber harvested on FLP properties
 - Sales of maple syrup produced on FLP properties



IMPLAN

Models how the inputs (economic activities on FLP land) flow through the economy of each region using multipliers



OUTPUTS

Direct and indirect effects of inputs on:

- Employment
- Labor income

- Value-added
- Economic output



Photos from left to right: Forest Legacy Program, Trust For Public Land, USDA Forest Service, Park City Utah, Wikipedia

	Employment	Value added	
Northern Forest			
Recreation	282	\$20,128,000	
Timber	2140	\$158,892,000	
Syrup	140	\$4,663,000	
Total	2,560	\$183,683,000	

Take home:

\$140/ac/year contribution to GRP

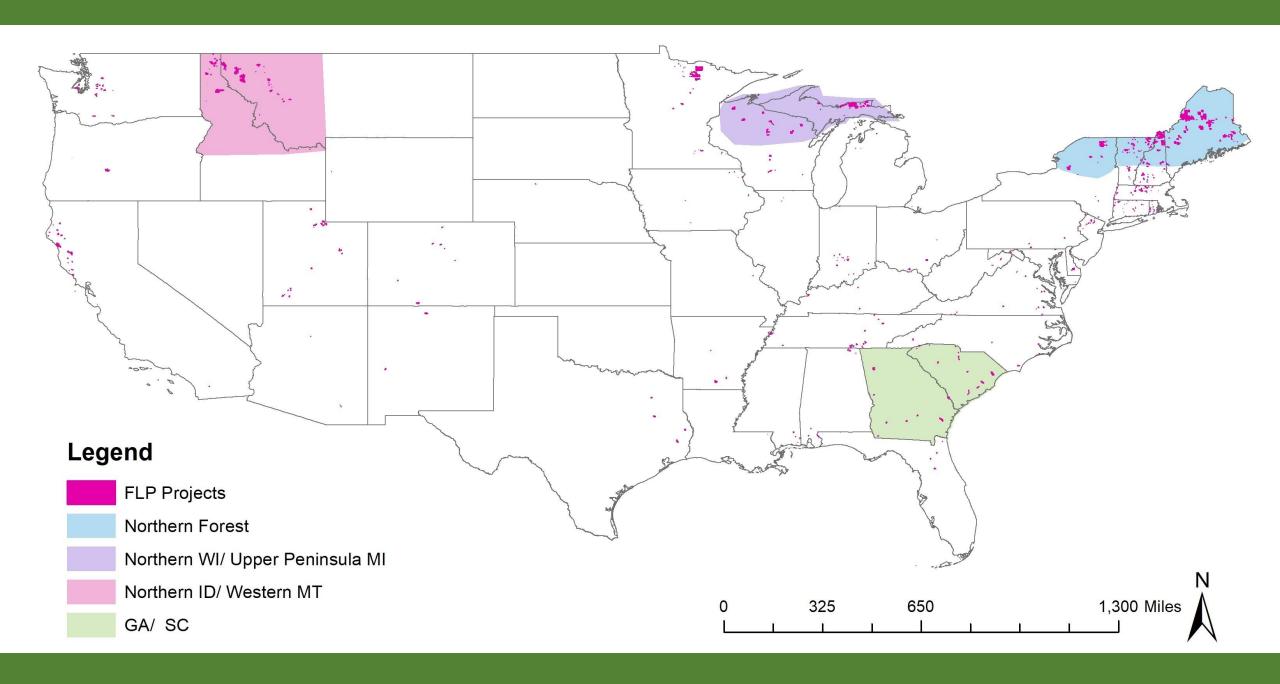
\$300/ac to conserve

Conclusions

- Economic contribution is one form of analysis to help describe the value of conserved land
- These results should not be applied to any one particular acre of forest or parcel of land
- Results are specific to the activities conducted on the land, ecological characteristics and the regional economy.



EXTRA SLIDES



Introduction

Economic Contributions

	Employment	Labor income	Value added	Output		
Recreation						
Direct	208	\$7,892,000	\$11,714,000	\$18,018,000		
Secondary	74	\$4,818,000	\$8,412,000	\$13,346,000		
Total	282	\$12,710,000	\$20,126,000	\$31,364,000		
Timber						
Direct	989	\$49,067,000	\$62,826,000	\$176,061,000		
Secondary	1,150	\$56,489,000	\$96,065,000	\$280,319,000		
Total	2,139	\$105,555,000	\$158,892,000	\$456,380,000		
Syrup						
Direct	120	\$1,838,000	\$2,518,000	\$4,266,000		
Secondary	22	\$1,235,000	\$2,145,000	\$3,382,000		
Total	142	\$3,073,000	\$4,663,000	\$7,648,000		

	Value Added	Jobs	VA/ acre
Northern			
Forest	\$183,683,000	2,560	\$141