



# Moving Forward

## Bringing resiliency and climate adaptation into our invasive species management work

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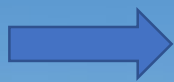




# WHERE DOES CARBON GO?

## CARBON STORAGE IN A GREAT LAKES FOREST

**CO<sub>2</sub>** In



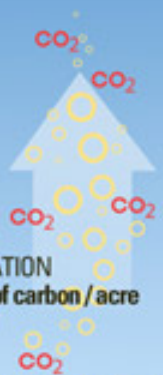
**O<sub>2</sub>** Out



NET PHOTOSYNTHESIS  
**2.9** tons of carbon / acre  
yearly



SOIL RESPIRATION  
**2.2** tons of carbon / acre  
yearly



CARBON STORED  
**0.7** tons of carbon / acre  
yearly



# Insect Outbreaks Kill Forests and Cause the Release of Carbon

National Science Foundation



Lodgepole pines killed by mountain pine beetle in Colorado, 2008.  
*Credit: Jeffrey A. Hicke, University of Idaho*



