

EXPLORING CLIMATE CHANGE

SUSTAINABILITY MERIT BADGE

How is climate change impacting forestry?

- 1** Tree species migration (i.e., Trees that grow in the south have conditions to live farther north)
- 2** Increased forest pests and disease
- 3** Increase in extreme weather events (i.e., Hurricanes)
- 4** Increased risk of wildfires (i.e., Longer periods of drought conditions)

DID YOU KNOW

U.S. forests capture more carbon than they release. In one year, for example, carbon storage in U.S. forests can offset approximately 9% of the nation's greenhouse gas emissions.



How can sustainable forestry help address climate change?

Companies certified to SFI standards are required to address opportunities to enhance climate benefits associated with forest management operations on forests. Some of these actions can include:

- 1** Prompt reforestation
- 2** Thinning forests for optimum growth and disease resistance
- 3** Retaining vigorous trees during partial harvests
- 4** Increasing forest diversity

LOOK FOR THE SFI LOGO ON PRODUCTS YOU BUY!

When you see the SFI logo on products, you can be assured that companies certified to it are protecting against the impacts of climate change and species decline. Find out more at: www.forests.org



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