Forest Carbon Report: Wyoming

Carbon Definitions

**Carbon pool**: a component of the forest that can gain or lose carbon over time

**Carbon storage**: the amount of carbon retained in a forest and/or forest pool

**Carbon sequestration**: the process by which trees and plants use carbon dioxide and photosynthesis to store carbon as biomass

**Units**: Forest carbon is typically expressed in US tons per acre or metric tons (1 metric ton = 1.10 US tons)

Quick Facts on Forest Carbon

- Wyoming has 9.8 million acres of forests and is 16% forested.
- Wyoming forest carbon stocks have decreased by 13% from 1990 to 2019.
- Average carbon density in aboveground trees across Wyoming forests is 13.2 US tons per acre.
- In Wyoming, forests, urban trees, and harvested wood products:
  - Remove a minimal amount of all CO₂ emissions in the state after taking into account forest mortality. (Across the US, this value is 14%.)
  - Store the equivalent of 28 years of all CO₂ emissions produced in the state.