**Forest Carbon Report: Utah**

**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 carbon 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**

- Utah has 12.1 million acres of forests and is 23% forested.
- Utah forest carbon stocks have decreased by 4% from 1990 to 2019.
- Average carbon density in aboveground trees across Utah forests is 9.2 US tons per acre.

- In Utah, 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 39 years of all CO₂ emissions produced in the state.

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