

1. **carbon cycle:** the process in which carbon atoms continually travel from the atmosphere to the earth and then back into the atmosphere
2. **carbon dioxide:** a gas that is used by plants for energy
3. **carbon sequestration:** the process of capturing and storing atmospheric carbon dioxide
4. **disturbance event:** natural, human, or animal-induced events that change the structure and composition of a forest
5. **forest succession:** a cyclical process in which plant life regrows in various stages, allowing forests to take root; usually occurs after a disturbance event
6. **greenhouse gases:** gases (such as water vapor, carbon dioxide, nitrous oxide, and methane) that trap heat in the earth's atmosphere
7. **invasive species:** a non-native species that spreads from a point of introduction to become naturalized and negatively alters its new environment
8. **photosynthesis:** the process by which a green plant turns water and carbon dioxide into food when the plant is exposed to light
9. **prescribed burn:** a fire set intentionally for purposes of forest management
10. **stormwater runoff:** rainfall that flows over the ground surface and is created when rain falls on roads, driveways, parking lots, rooftops, and other paved surfaces that do not allow water to soak into the ground