

Human introduction of CO₂ to the atmosphere II: landscape modification

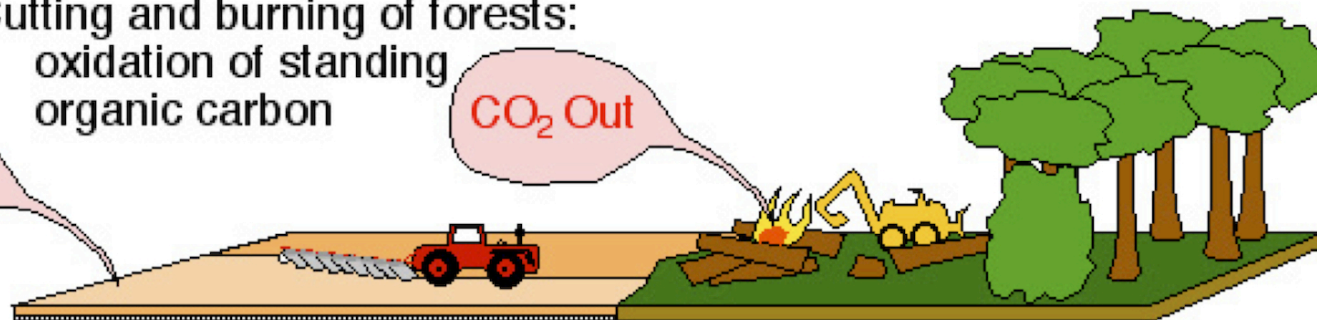
Anthropogenic increase of atmospheric CO₂ through agriculture and grazing:

Cutting and burning of forests:
oxidation of standing
organic carbon

CO₂ Out

CO₂ Out

Tilling of forest soils:
oxidation of soil
organic carbon



CO₂ Out

Plowing of natural grasslands:
oxidation of soil organic carbon



CO₂ Out



Over-grazing of natural grasslands:
diminution of soil organic carbon

