

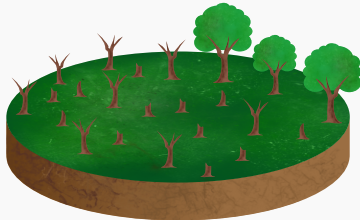
Secondary Forest Carbon Stock

Secondary forests could be an important tool for mitigating climate change but our understanding of their role in the Amazonian carbon cycle is limited.

We map the age and extent of secondary forests so that we can estimate their carbon stock.

20%

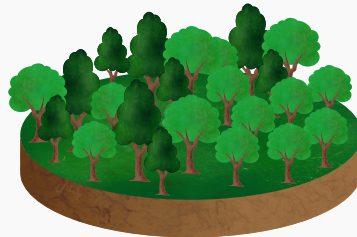
of deforested land in the Brazilian Amazon now holds secondary forest



330

million Mg C

is stored by secondary forest in above-ground carbon



8.8%

of deforestation emissions have been offset by secondary forest growth



However, these results may be optimistic as we find most secondary forest to be growing under conditions known to reduce carbon accumulation rates.