



Greenhouse gas emissions from forest and agroecosystems in Sub-Saharan Africa

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The Sub-Saharan African (SSA) landscape is vulnerable to ongoing land use change and climatic variability, which significantly influences carbon and greenhouse gas (GHG) dynamics. However, empirical data on GHG emissions from SSA ecosystems is lacking; hence, limiting our understanding of the potential effects of rapid land use and climate change. Here, I will present information on GHG dynamics in agroecosystems, aquatic ecosystems and forest ecosystems across multiple spatial and temporal scales to elucidate key drivers of GHG emissions from plots to regions.