

Supplementary Figures

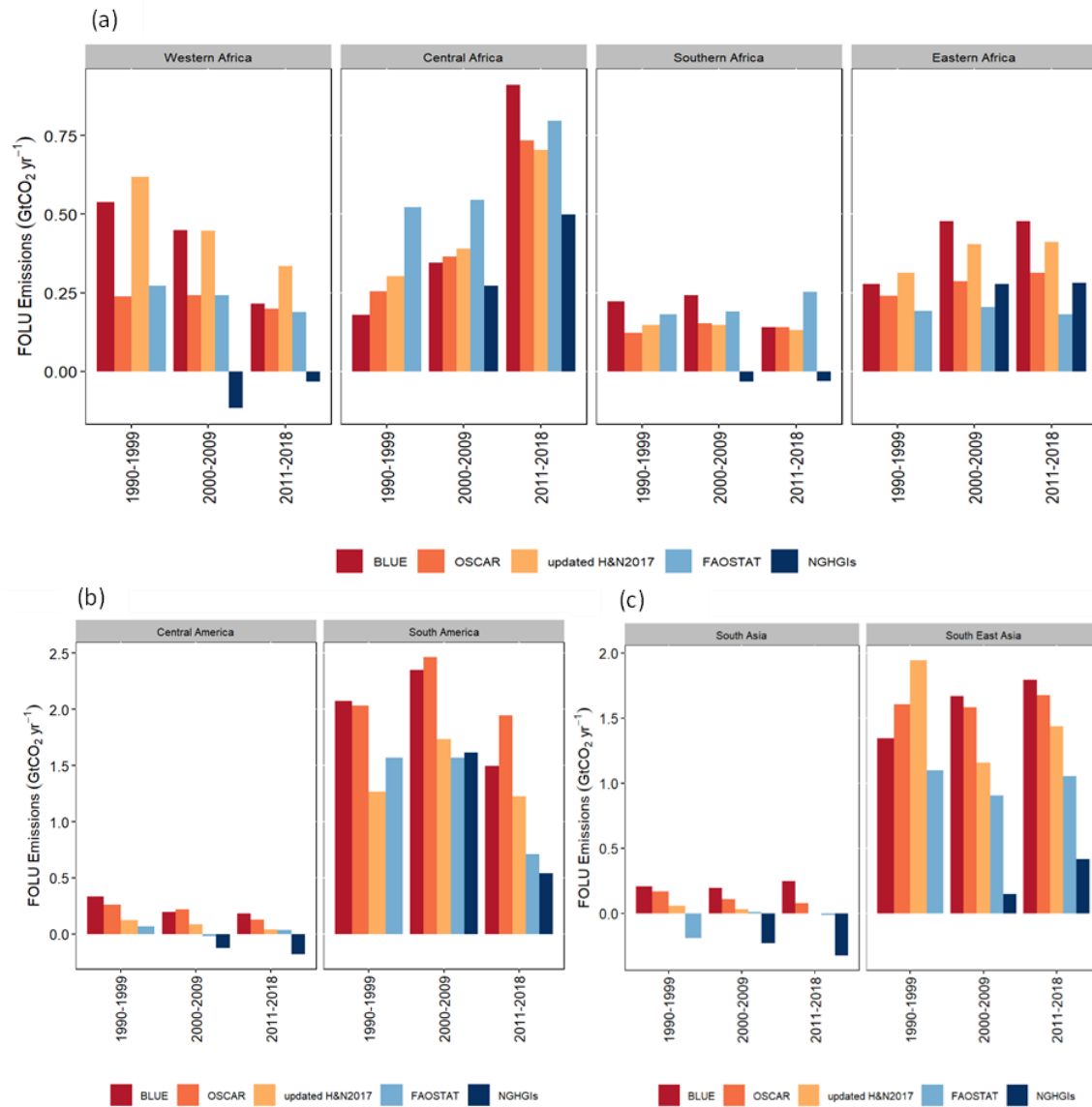


Figure S1: The net forestry and land use (FOLU) emissions for different sub-regions within (a) sub-Saharan Africa, (b) Latin America, and (c) South and Southeast Asia.

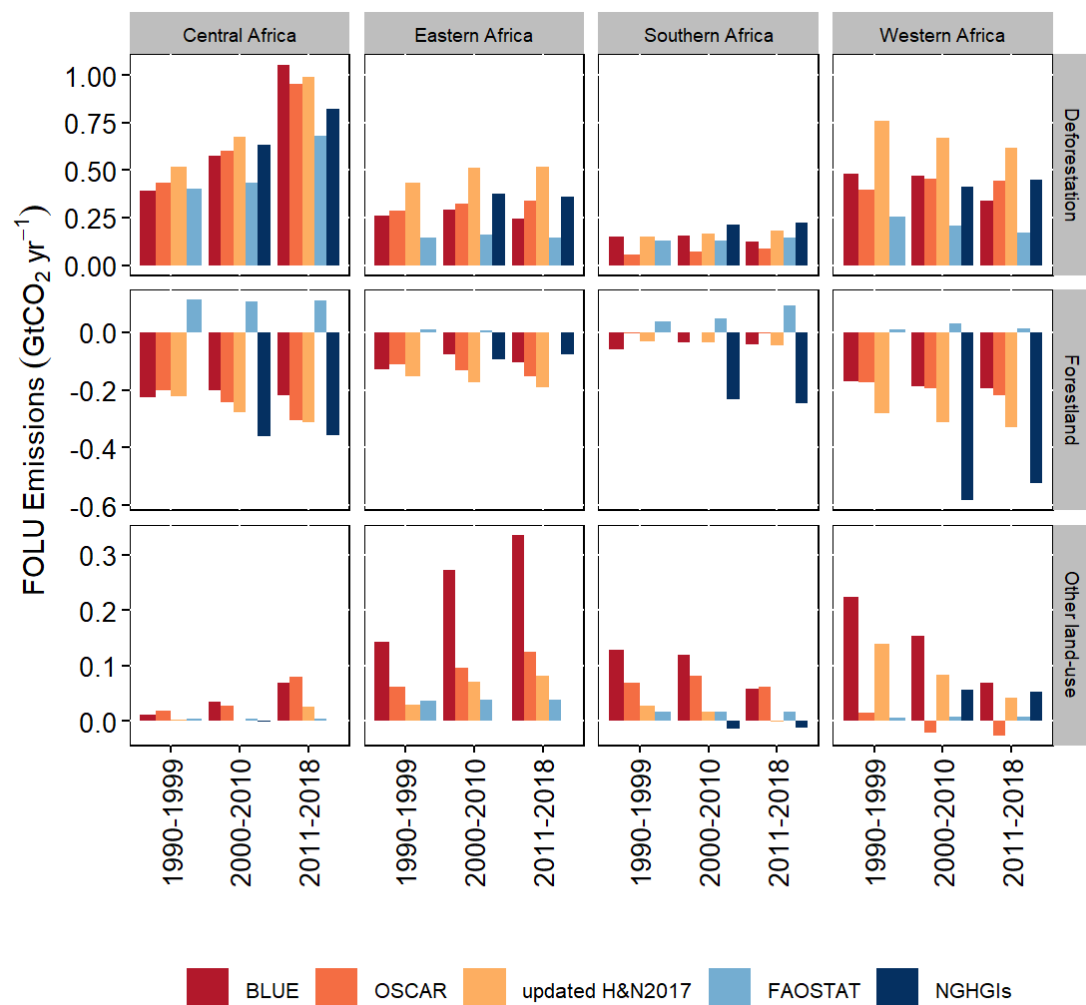


Figure S2: The annual CO₂ sources or sinks from deforestation, forestry, and other land-use activities for different sub-regions within sub-Saharan Africa. Positive values represent a source while negative values represent a sink. Deforestation fluxes in BLUE, OSCAR, updated H&N2017 and NGHGs represent net deforestation emissions (forest losses minus forest gains). Other land-use activities include CO₂ emissions or sinks from other land use conversion, e.g., crop to pasture, biomass burning, and fires for peatlands drainage. The three components sum to the net FOLU emissions for the individual regions represented in Figure 3.

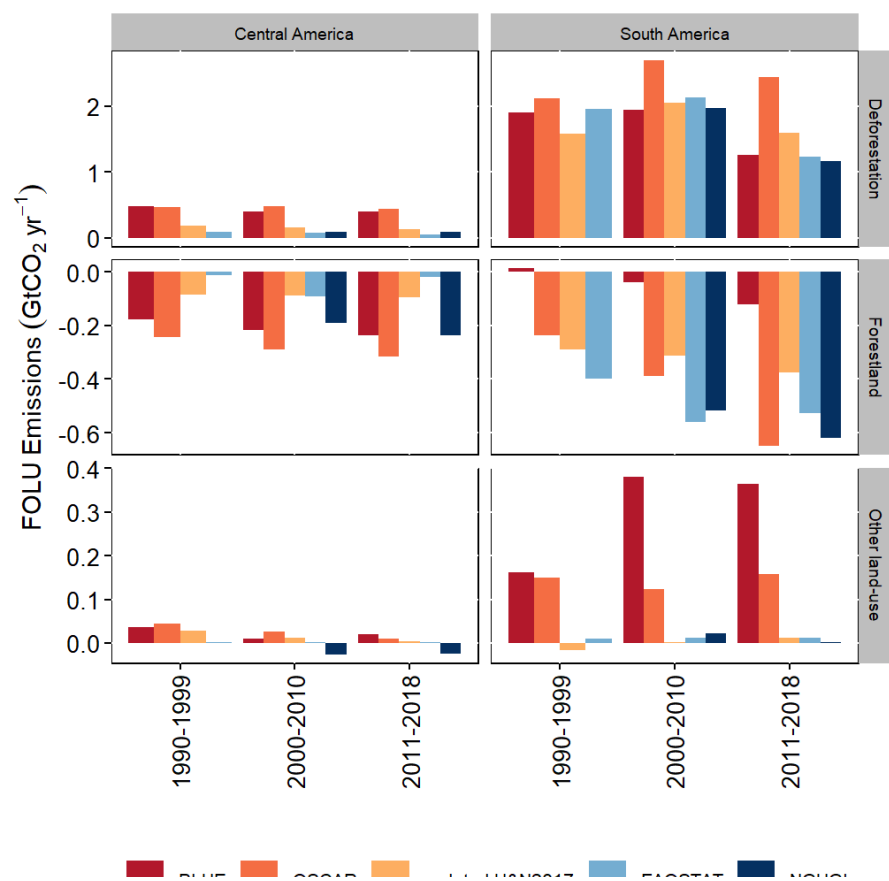


Figure S3: The annual CO₂ sources or sinks from deforestation, forestry, and other land-use (FOLU) activities for different sub-regions within Latin America. Positive values represent a source while negative values represent a sink. Deforestation fluxes in BLUE, OSCAR, updated H&N2017 and NGHGI represent net deforestation emissions (forest losses minus forest gains). Other land-use activities include CO₂ emissions or sinks from other land use conversion, e.g., crop to pasture, biomass burning, and fires for peatlands drainage. The three components sum to the net FOLU emissions for the individual regions represented in Figure 3.

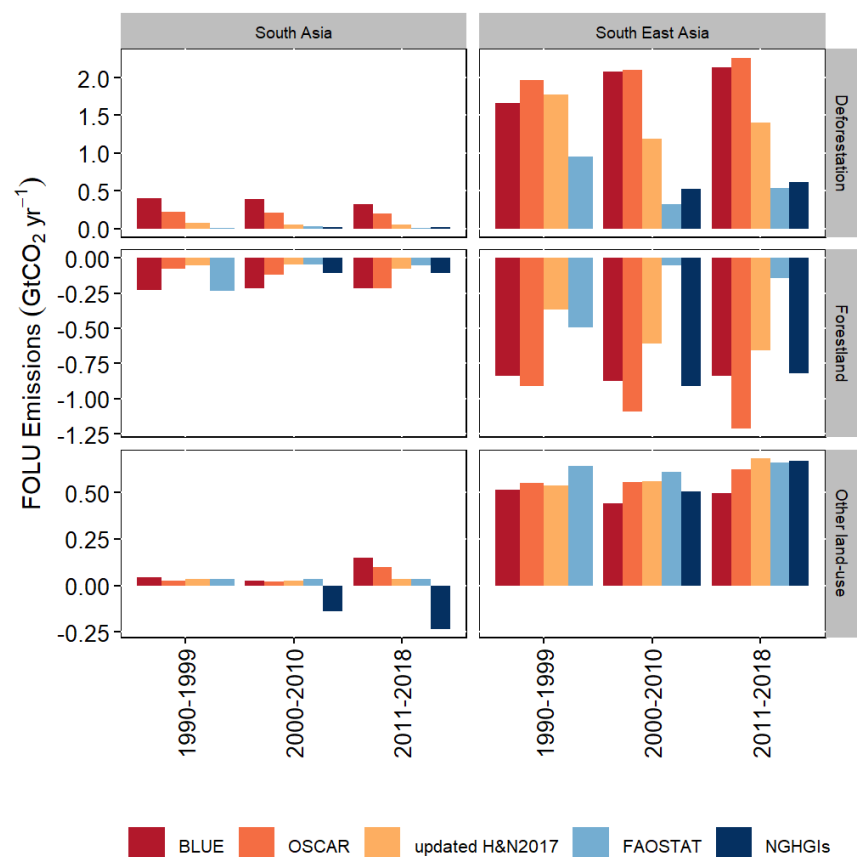


Figure S4: The annual CO₂ sources or sinks from different forestry and land-use activities for different sub-regions within South and Southeast Asia. Positive values represent a source while negative values represent a sink. Deforestation fluxes in BLUE, OSCAR, updated H&N2017 and GHGs represent net deforestation emissions (forest losses minus forest gains). Other land-use activities include CO₂ emissions or sinks from other land use conversion, e.g., crop to pasture, biomass burning, and fires for peatlands drainage. The three components sum to the net FOLU emissions represent in Figure 1. The three components sum to the net FOLU emissions for the individual regions represented in Figure 3.

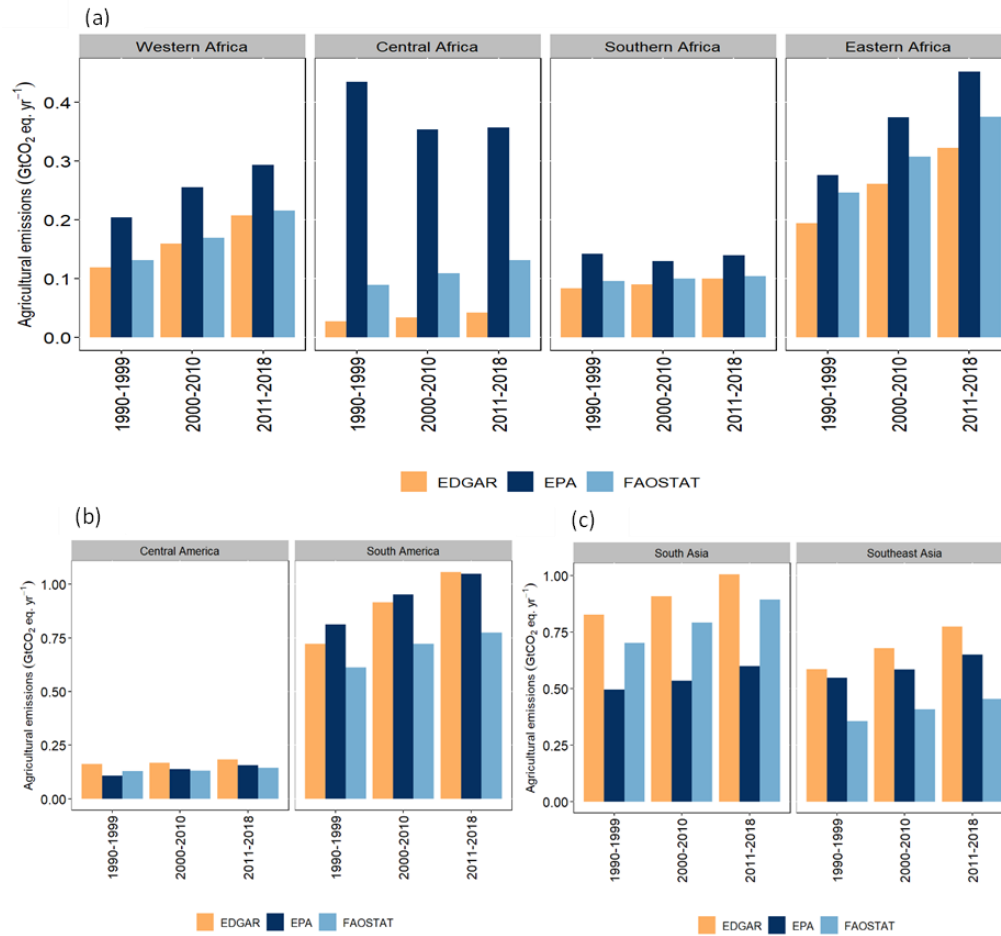


Figure S5: The net agricultural emissions for different sub-regions within (a) sub-Saharan Africa, (b) Latin America, and (c) South and Southeast Asia

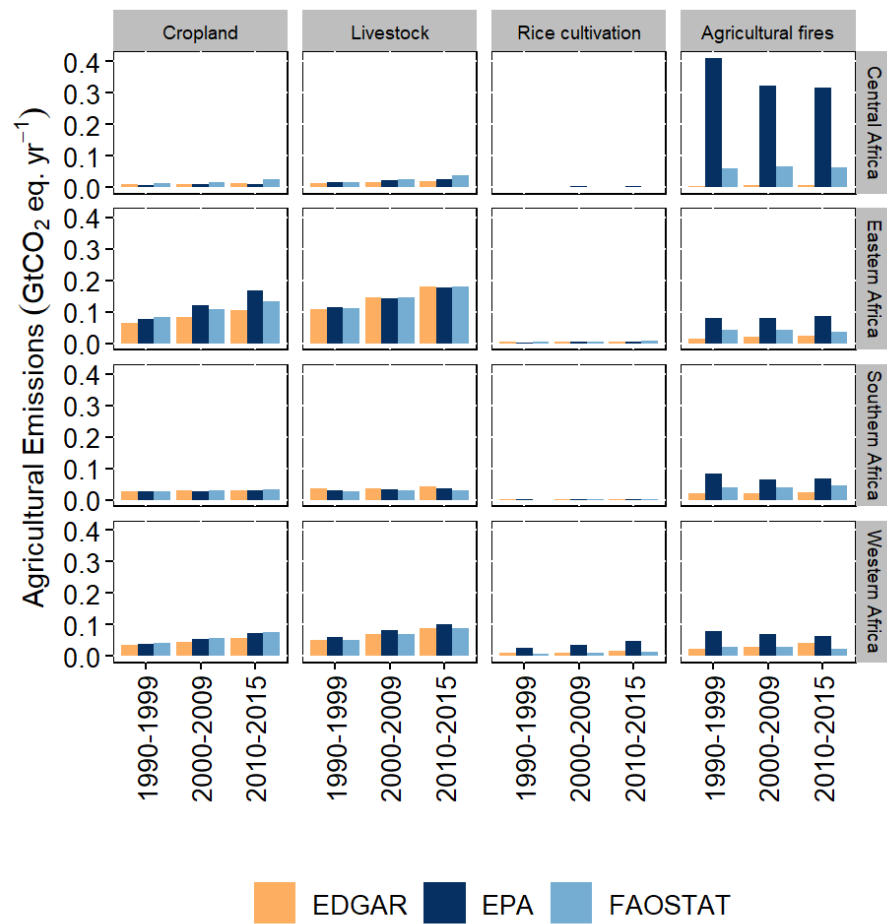


Figure S6: The annual CO₂ emissions from croplands, livestock, rice cultivation and agricultural fires for different sub-regions within sub-Saharan Africa.

