

# ***Interactive comment on “Carbon Emissions and Removals by Forests: New Estimates 1990–2020”*** ***by Francesco N. Tubiello***

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When you look at the forest area change, for a certain period, even if it is a negative net change, it can have two components (deforestation, i.e. change of forest to other land use; and forest expansion i.e. change of other land use to forest. The difference is the net effect of these two change processes, and it is not entirely correct to call the net loss deforestation.

Likewise, countries that have a positive net change, still can have deforestation but it is outweighed by the forest expansion.

Further, when area data are not available disaggregated by planted and natural forest, is then the net flux assumed to be due to “deforestation” when total flux is negative and

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when positive assigned to forest land remaining forest land?

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