

SO1-3 Trends in carbon stocks above and below ground

Hot Spot: Central Dry Zone

Comment: Most carbon stocks in topsoil layer (0-30cm depth) in dry zone area decline with years due to deforestation, mismanagement of land use, unpredictable weather pattern (flooding, wind erosion, occurrence of drought) and related soil problem(formation of sodic soil and alkaline soil). In dry zone area, the return of crop biomass to the soil is low under lower agricultural productivity due to lower rainfall and other factors.

Hot Spot: Bago Region

Comment: According to the results of default data analysis, the increasing trend of soil carbon stock was found in the Bago Region where there have been a lot of reforestation projects since 2016. And thus, it can be assumed that the reforestation projects have been leading to the increasing trend of carbon stock there.

Remark: This information cannot be put in the respective box of the given Template.