

Organic matter cycling along geochemical, geomorphic and disturbance gradients in vegetation and soils of African tropical forests and cropland - Project TropSOC DATABASE_v1.0

2.1.13. Forest – Vegetation – Root productivity aggregated to annual values

When using these data, please cite the original publication:

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Introduction

The dataset comprises a unique plot identifier, followed by 6 variables that provide data regarding root productivity aggregated for annual values at the plot level for TropSOC's forest plots. Missing values are indicated by -9999.

Data structure

No.	Variable	Explanation	Unit
1	plotID		-
2	min_bio	minimum fine root (< 2 mm) biomass productivity	kg ha ⁻¹ day ⁻¹
3	max_bio	maximum fine root (< 2 mm) biomass productivity	kg ha ⁻¹ day ⁻¹
4	mean_bio	mean fine root (< 2 mm) biomass productivity	kg ha ⁻¹ day ⁻¹
5	sd_bio	standard deviation of mean fine root (< 2 mm) biomass productivity	kg ha ⁻¹ day ⁻¹
6	sum_bio	sum of fine root (< 2 mm) biomass productivity	kg ha ⁻¹ year ⁻¹
7	no	total number of observations considered in the calculations	-

Methods

This dataset comprises an annual aggregation at the plot level of the root productivity data (*2111_root_prod.csv*) described in detail in *2111_root_prod.pdf*.

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