

Ring-width-index of five west african tree species (IMPETUS dataset ID = 435)

General information

Dataset name: Ring-width-index of five west african tree species (IMPETUS dataset ID = 435)
Dataset DOI: 10.1594/PANGAEA.831167
Created on: 2005-09-29

Contact(s)

Dr. Orthmann, Bettina - Institut für Biodiversitätsforschung der Universität Rostock Fachbereich Biowissenschaften
- bettina.orthmann@biologie.uni-rostock.de (PI or Lead scientist)

Period

Date begin (yyyy-mm-jj): 2002-10-01
Date end (yyyy-mm-jj): 2003-12-31

Project(s)

IMPETUS

Data description

Abstract

Five tree species were chosen for dendrochronological studies: *Anogeissus leiocarpus* (DC.) Guill. and Perr. (Combretaceae), *Daniella oliveri* Hutch. and Dalziel (Cesalpinaceae), *Azelia africana* Smith ex Pers. (Cesalpinaceae) Sm., *Isoberlinia doka* Craib and Stapf. (Cesalpinaceae), and *Pterocarpus erinaceus* Poir. (Fabaceae). Core samples for all species were drilled and analysed with the above described method. Parameter, Attribute list: ring-width-index. Dataset created by IMPETUS subproject A3.

No information about Data Lineage; No information about Data Consistency; No information about Data Completeness; Positional Accuracy: Position was measured by a gps; No information about Quantitative Attribute Accuracy

Observing strategy

Dendrochronological analyses were performed in order to gain knowledge on annual growth of trees and to test for dependence on rain fall regime. The ring-width-index gives percentages of growth for each year.

Geographic information

Aguima Catchment

Location name:	Aguima Catchment
West bounding coordinate (°):	1.9124
East bounding coordinate (°):	1.9621
North bounding coordinate (°):	9.1342
South bounding coordinate (°):	9.1061

Doguè

Location name:	Doguè
----------------	-------

IMPETUS_435

Location name:	IMPETUS_435
West bounding coordinate (°):	1.9012
East bounding coordinate (°):	1.9175
North bounding coordinate (°):	9.1432
South bounding coordinate (°):	9.123

Measured parameters

Plant growth

Parameter name:	plant growth
Parameter keyword:	Agriculture > Agricultural Plant Science

Precipitation

Parameter name:	precipitation
Parameter keyword:	Atmosphere > Precipitation

Climate

Parameter name:	climate
-----------------	---------

Tree rings

Parameter name:	tree rings
Parameter keyword:	Biosphere > Vegetation > Tree Rings

Data use information

Use constraints:	Please inform the Point of Contact if you use the data for publication
Data policy:	IMPETUS data policy
Database:	IMPETUS
Original data format(s):	Excel