

Air temperature, humidity and water pressure deficit of seven dominant vegetation types (IMPETUS dataset ID = 132)

General information

Dataset name: Air temperature, humidity and water pressure deficit of seven dominant vegetation types (IMPETUS dataset ID = 132)
Created on: 2006-02-06

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2001-09-01
Date end (yyyy-mm-jj): 2002-12-31

Project(s)

IMPETUS

Data description

Abstract

Air temperature, humidity and water pressure deficit of seven dominant vegetation types in ten minutes intervals within one year. Parameter, Attribute list: air humidity, air temperature, water pressure deficit. Dataset created by IMPETUS subproject A3.

No information about Data Lineage; No information about Data Consistency; Data Completeness: The measurements continued until December 2002 with an interruption from December 2001 to February to March 2002 due to fire events in the study area. Several data loggers suffered from technical problems during the course of the measurement period, especially those recording air humidity. Therefore and due to loss of data loggers the number of data loggers, and recorded time series declined continuously, mainly in the last period from August to December 2002; Positional Accuracy: Position was measured by a gps; No information about Quantitative Attribute Accuracy

Observing strategy

collection of relevant abiotic parameters in order to characterize the seven dominant vegetation types and to analyse the relationship between these parameters and the herbaceous layer and the regeneration of tree species. All parameter are also of interest for meteorological, hydrological or remote sensing analyses.

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
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IMPETUS_132

Location name:	IMPETUS_132
West bounding coordinate (°):	1.9012
East bounding coordinate (°):	1.9175
North bounding coordinate (°):	9.1432
South bounding coordinate (°):	9.123

Measured parameters

Air humidity

Parameter name:	air humidity
Parameter keyword:	Atmosphere > Atmospheric Water Vapor > Water Vapor Indicators > Humidity

Boundary layer

Parameter name:	boundary layer
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Vegetation

Parameter name:	vegetation
Parameter keyword:	Biosphere > Vegetation

Air Temperature

Parameter name:	Air Temperature
Parameter keyword:	Atmosphere > Atmospheric Temperature > Surface Temperature > Air Temperature

Meteorological measurements

Parameter name: meteorological measurements

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