

Electric conductivity and temperature of discharge Aguima (IMPETUS dataset ID = 484)

General information

Dataset name: Electric conductivity and temperature of discharge Aguima (IMPETUS dataset ID = 484)
Created on: 2006-06-01

Contact(s)

Dr. Giertz, Simone - Geographisches Institut der Universität Bonn - sgiertz@uni-bonn.de (PI or Lead scientist)

Period

Date begin (yyyy-mm-jj): 2002-08-22
Date end (yyyy-mm-jj): 2002-10-31

Project(s)

IMPETUS

Data description

Abstract

The electric conductivity and temperature of river discharge was measured in the rainy season 2002 at two locations in the Aguima catchment ((Upper Aguima and Upper Niaou River)) in a high temporal resolution. Parameter, Attribute list: water temperature, electrical conductivity. Dataset created by IMPETUS subproject A2.

No information about Data Lineage; No information about Data Consistency; Data Completeness: Due to failure of the measuring system the data series is not complete for the whole time period.; No information about Positional Accuracy; No information about Quantitative Attribute Accuracy

Observing strategy

In order to determine the discharge components (baseflow, surface runoff) the electric conductivity was measured at two river gauges in the Aguima catchment.

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

Niaou

Location name:	Niaou
----------------	-------

IMPETUS_484

Location name:	IMPETUS_484
West bounding coordinate (°):	1.9115
East bounding coordinate (°):	1.9482
North bounding coordinate (°):	9.1309
South bounding coordinate (°):	9.106

Measured parameters

Runoff

Parameter name:	Runoff
Parameter keyword:	Terrestrial Hydrosphere > Surface Water > Runoff

Water chemistry

Parameter name:	water chemistry
-----------------	-----------------

Electric conductivity

Parameter name:	electric conductivity
-----------------	-----------------------

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