

Land cover, land use classification year 2000, resolution 28,5 m (IMPETUS dataset ID = 331)

General information

Dataset name: Land cover, land use classification year 2000, resolution 28,5 m (IMPETUS dataset ID = 331)

Created on: 2004-03-25

Contact(s)

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Period

Date begin (yyyy-mm-jj): 2000-10-26

Date end (yyyy-mm-jj): 2001-10-26

Project(s)

IMPETUS

Data description

Abstract

land use / land cover classification derived from LANDSAT image (26.10.2000). Method: Maximum-Likelihood-Classification with 16 classes. Some improvements were made for cloudy areas and inselbergs. Parameter, Attribute list: water, bas fond (humide), settlement dense, fields, vegetationsfree (inselberg), foret dense, foret claire, settlement loose, no information (inselberg shadow), savane boisee, savane arboree, savane arbustive, savane saxicole, savane herbeuse, heavy degraded vegetation. Dataset created by IMPETUS subproject A3.

Data Lineage: LANDSAT TM Satellite data delivered by USGS; No information about Data Consistency; Data Completeness: complet; Positional Accuracy: under 60 m; Data Completeness: accuracy of training fields for classification is 94 %, Absolute accuracy was possible at the moment only for agricultural area (fields): 78,5 %

Observing strategy

show situation of landcover in year 2000, and to use as input for models

Geographic information

Ouémé Upper Catchment (HVO)

Location name:	Ouémé Upper Catchment (HVO)
West bounding coordinate (°):	1.3609
East bounding coordinate (°):	3.4616
North bounding coordinate (°):	10.9774
South bounding coordinate (°):	8.9183

Measured parameters

Land use

Parameter name:	land use
Parameter keyword:	Land Surface > Land Use/Land Cover

Land cover classification

Parameter name:	land cover classification
Parameter keyword:	Land Surface > Land Use/Land Cover

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):	ERDAS IMAGINE, Georeferenced TIFF