

Data Set Number 49: Satellite image of ASTER on 19/9/04

Identification_Information:

Citation:

Citation_Information:

Originator: Hitoshi Shinjo

Publication_Date: 20040919

Title: Satellite image of ASTER on 19/9/04

Edition: 1

Geospatial_Data_Presentation_Form: remote-sensing image

Description:

Abstract: ASTER image was acquired from ERSDAC (Earth Remote Sensing Data Analysis Center), Japan. It covers the region of Fakara with some cloud coverage. It has three radiometers; VNIR, SWIR and TIR. VNIR has the three bands (G,R, NIR) with 15 m resolution. SWIR has the 6 bands in the short wave infrared (1.6 -2.43 um) with 30 m resolution. TIR has 5 bands in thermal infrared (8.125-11.65 um) with 90 m resolution.

Purpose: To evaluate the status of soil and vegetation.

Time_Period_of_Content:

Time_Period_Information:

Multiple_Dates/Times:

Single_Date/Time:

Calendar_Date: 20040919

Time_of_Day: 6:59:06

Status:

Progress: Complete

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: 2.352623

East_Bounding_Coordinate: 2.951402

North_Bounding_Coordinate: 13.686003

South_Bounding_Coordinate: 13.219931

Data_Set_G-Polygon:

Data_Set_G-Polygon_Outer_G-Ring:

G-Ring_Point:

G-Ring_Latitude: 13.52775

G-Ring_Longitude: 2.66024

G-Ring_Point:

G-Ring_Latitude: 13.37954

G-Ring_Longitude: 2.84407

G-Ring_Point:

G-Ring_Latitude: 13.50950

G-Ring_Longitude: 2.77607

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: ASTER

Theme_Keyword: Satellite

Theme_Keyword: NDVI

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Niger

Place_Keyword: Fakara

Place_Keyword: Kodey

Place_Keyword: Tchigo Tegui

Place_Keyword: Katanga

Place_Keyword: Banizoubou
Temporal:
Temporal_Keyword_Thesaurus: none
Temporal_Keyword: 2004
Access_Constraints: Within project of JIRCAS/ICRISAT
Use_Constraints: Not allowed
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: KYOTO UNIV
Contact_Person: HITOSHI SHINJO
Contact_Position: Assistant professor
Contact_Address:
Address_Type: mailing and physical
City: KYOTO
Country: JAPAN
Contact_Voice_Telephone: +81757536101
Contact_Electronic_Mail_Address: shinhit@kais.kyoto-u.ac.jp
Hours_of_Service: 9:00-17:00 (UTC+9)
Security_Information:
Security_Classification: Restricted
Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Attributes were obtained as byte values,
0-255 for each band.
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report: less than 20 m
Vertical_Positional_Accuracy:
Vertical_Positional_Accuracy_Report: NA
Lineage:
Source_Information:
Source_Citation:
Citation_Information:
Originator: Pierre Hiernaux (ILRI)
Originator: Augustine Ayatunde (ILRI)
Publication_Date: Unknown
Process_Step:
Process_Description: The results of interview were input to the
digital format of Excel.
Cloud_Cover: 0
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Raster
Raster_Object_Information:
Raster_Object_Type: Pixel
Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: ASTER image dated 19 September 2004
Attribute:
Attribute_Label: OID
Attribute_Definition: Internal feature number
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
Unrepresentable_Domain: Sequential unique whole numbers that
are automatically generated.
Attribute:

Attribute_Label: Date
 Attribute_Definition: the date of interview
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: Terre
 Attribute_Definition: name of village
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: code
 Attribute_Definition: Identification code
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: Location of houses
 Attribute_Definition: UTM X and UTM Y
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: Grazing area
 Attribute_Definition: Grazing area
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: Corralling
 Attribute_Definition: Corralling
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: transhumance
 Attribute_Definition: Transhumance
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: type of land tenure
 Attribute_Definition: Types of land tenure
 Attribute_Definition_Source: Hitoshi Shinjo

Overview_Description:

Entity_and_Attribute_Overview: The data set summarize the transhumance, corralling, number of livestock and land tenure of Fulani households settling in Fakara region in 2004, 2005 and 2006. three villages of Fakara was concerned: Banizoumbou, Tigo Tegui and Kodey. the attributes are structured as follow:

- Date: the date of interview
- Terre: name of village
- code
- Location of houses: UTM X and UTM Y
- Grazing area
- Corralling
- transhumance
- types of land tenure

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: JIRCAS

Contact_Address:

Address_Type: mailing and physical

Address: Japan International Research Center for Agricultural Sciences (JIRCAS)

City: Ohwashi, Tsukuba, Ibaraki

Postal_Code: 305 8686
Country: JAPAN
Contact_Voice_Telephone: +81 29 838 6330
Contact_Facsimile_Telephone: +81 29 838 6316
Contact_Electronic_Mail_Address: head@ml.affrc.go.jp
Resource_Description: ASTER image dated 20040919
Metadata_Reference_Information:
Metadata_Date: 20061017
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: ICRISATSC
Contact_Person: AMADOU M.Laouali
Contact_Position: Consultant
Contact_Address:
Address_Type: mailing and physical
Address: BP: 12404
City: Niamey
Country: Niger
Contact_Voice_Telephone: 0022720722626
Contact_Electronic_Mail_Address: a.m.laouali@cgiar.org
Hours_of_Service: 8h00am - 16h00pm z+1
Contact_Instructions: prefer to be contact by email
Metadata_Standard_Name: FGDC Content Standard for Digital Geospatial
Metadata
Metadata_Standard_Version: FGDC-STD-001-1998
Metadata_Time_Convention: local time
Metadata_Access_Constraints: Not define for instance
Metadata_Security_Information:
Metadata_Security_Classification_System: None
Metadata_Security_Classification: Unclassified
Metadata_Security_Handling_Description: None
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile