

Data Set Number 173: Transhumance and corralling by sedentary Fulani: Fakara, Niger 2004-2005-2006

Identification_Information:

Citation:

Citation_Information:

Originator: Hitoshi Shinjo

Originator: Keiichi Hayashi

Publication_Date: Unpublished material

Title: Transhumance and corralling by sedentary Fulani: Fakara, Niger 2004-2005-2006

Edition: 1

Geospatial_Data_Presentation_Form: tabular digital data

Online_Linkage: \\Isc-svr01\GeoNetwork\fakaradatabase\h.shinjo\transhumance and corralling by sedentary fulani\Transhumance and corralling by sedentary Fulaniv2.dbf

Description:

Abstract: Thirty six Fulani households settling in Fakara region were interviewed on transhumance, corralling, number of livestock, land tenure, etc. These households were selected to represent the whole households in this region in terms of number of livestock and millet yield. The interview was carried out for several times since November 2004. It was found that transhumance was essential for the Fulani in Kodey and Thigo Tegui, where most land was cropped, while the Fulani in Banizoubou did not transhumance. Three quarters of the households interviewed did not corral at the field of the Zarma farmers. This observations strongly suggest that the Zarma farmer should seek for another option to maintain or improve soil fertility.

Purpose: To understand the actual situation of corralling in the Fakara region to suggest realistic option for soil fertility improvement.

Time_Period_of_Content:

Time_Period_Information:

Multiple_Dates/Times:

Single_Date/Time:

Calendar_Date: November 2004

Single_Date/Time:

Calendar_Date: May 2005

Single_Date/Time:

Calendar_Date: May 2006

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: 2.583333

East_Bounding_Coordinate: 2.866667

North_Bounding_Coordinate: 13.583333

South_Bounding_Coordinate: 13.333333

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: Fulani
 Theme_Keyword: household
 Theme_Keyword: corralling
 Theme_Keyword: transhumance
Place:
 Place_Keyword_Thesaurus: None
 Place_Keyword: Niger
 Place_Keyword: Fakara
 Place_Keyword: Kodey
 Place_Keyword: Tchigo Tegui
 Place_Keyword: Katanga
 Place_Keyword: Banizoumbou
Temporal:
 Temporal_Keyword_Thesaurus: none
 Temporal_Keyword: 2004
 Temporal_Keyword: 2005
 Temporal_Keyword: 2006

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)

Data_Set_Credit: K. Hayashi, Amadou Sodja, ICRISAT, JIRCAS
Security_Information:
 Security_Classification: Restricted
 Native_Data_Set_Environment: Microsoft Excel; dBASE; ESRI ArcCatalog
 9.0.0.535

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report:
 Interview was made by Mr Amadou Sodja, JIRCAS technical assistant and H. Shinjo.
 Mr Sodja translated my question in French into Fulani and the answer of Fulani back into French. Translation may lose some nuance.

Lineage:
Source_Information:
Source_Citation:
Citation_Information:
 Originator: Pierre Hiernaux

Originator: Augustine Ayatunde
Publication_Date: Unknown

Process_Step:
Process_Description: Interview to Fulani households in three villages of Fakara area and input the data into spreadsheet of Excel and processed them by Excel

Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Point

Point_and_Vector_Object_Information:
SDTS_Terms_Description:
SDTS_Point_and_Vector_Object_Type: Area point

Entity_and_Attribute_Information:
Detailed_Description:
Entity_Type:
Entity_Type_Label: Transhumance and corralling by sedentary Fulaniv2

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: C1
Attribute_Definition: Date
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C2
Attribute_Definition: Name of village
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C3
Attribute_Definition: Code of Household
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C4
Attribute_Definition: Location of houses
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C5
Attribute_Definition: Location of houses
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C6
Attribute_Definition: Grazing area
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C7
Attribute_Definition: Corralling
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C8
Attribute_Definition: Supplementation
Attribute_Definition_Source: Hitoshi Shinjo

Attribute:
Attribute_Label: C9

Attribute_Definition: Crops
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C10
 Attribute_Definition: Note
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C11
 Attribute_Definition: Thranshumance in 2004
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C12
 Attribute_Definition: Contract corrall between 04-05
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C13
 Attribute_Definition: Contracted Cows between 04-05
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C14
 Attribute_Definition: Owned Cows
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C15
 Attribute_Definition: Contracted Cows
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C16
 Attribute_Definition: Entrusted Cows
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C17
 Attribute_Definition: Owned Small Ruminants
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C18
 Attribute_Definition: Contracted Small Ruminants
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C19
 Attribute_Definition: Entrusted Small Ruminants
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C20
 Attribute_Definition: Transhumance in 2005
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C21
 Attribute_Definition: Contract corrall between 05-06
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C22
 Attribute_Definition: Contracted cows between 05-06
 Attribute_Definition_Source: Hitoshi Shinjo
 Attribute:
 Attribute_Label: C23
 Attribute_Definition: Owned Cows

Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C24
Attribute_Definition: Contracted Cows
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C25
Attribute_Definition: Entrusted Cows
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C26
Attribute_Definition: Owned Sheep
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C27
Attribute_Definition: Contracted Sheep
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C28
Attribute_Definition: Entrusted Sheep
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C29
Attribute_Definition: Owned Goat
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C30
Attribute_Definition: Contracted Goat
Attribute_Definition_Source: Hitoshi Shinjo
Attribute:
Attribute_Label: C31
Attribute_Definition: Entrusted Goat
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 variables collected are structured as follow:

- Date: the date of interview
- Terre: name of village
- code
- Location of houses (geographic position): UTM X and UTM Y
- Grazing area
- Corralling
- Supplementation
- Crop cultivated
- transhumance system
- 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: Transhumance and corralling by sedentary Fulani
Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Transfer_Size: 0.039
Metadata_Reference_Information:
Metadata_Date: 20070117
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
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 Standards 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: Unclassified
Metadata_Extensions:
Online_Linkage: <http://www.esri.com/metadata/esriprof80.html>
Profile_Name: ESRI Metadata Profile