

***Data Set Number 188: Satellite image map of the Fakara at 1/30000 scale (map A)***

Identification\_Information: Space map of the Fakara (Banizoumbou) area at 1/30000 (Niger 2004)

Citation:

Citation\_Information:

Originator: Bruno Gerard

Publication\_Date: 20060901

Title: Space map of the Fakara (Banizoumbou) area at 1/30000 (Niger 2004)

Geospatial\_Data\_Presentation\_Form: vector digital data

Description:

Abstract:

Maps of the Fakara region at 1/30000 scale have been elaborated from the pansharpned orthorectified Spot 5 imagery to serve as detailed maps for field work and field activities of various partners of the ICRISAT Decision Support Project. A total of 5 maps covering the Fakara have been produced. They are created as JPEG files and supposed to be printed in a digital photolab in 50x75 cm format. Similar maps have been produced for the project two other sites: South Maradi; North East Zinder.

For the impression, the Pixaco site was tested and makes it possible to obtain the space maps in high quality on scale 1/30.000 at a reasonable price (+ / - 9 euro by map). According to your country use the following addresses:

For France: [www.pixaco.fr](http://www.pixaco.fr)

For Belgium: [www.pixaco.be](http://www.pixaco.be) (site only in Dutch!)

For Germany: [www.pixaco.de](http://www.pixaco.de)

For Switzerland: [www.pixaco.ch](http://www.pixaco.ch)

Purpose: Produce up-to-date spatial information of the Fakara region for the various ICRISAT partners working in the area.

Time\_Period\_of\_Content:

Time\_Period\_Information:

Single\_Date/Time:

Calendar\_Date: 20040928

Time\_of\_Day: 10:31

Currentness\_Reference: ground condition

Status:

Progress: Complete

Maintenance\_and\_Update\_Frequency: None planned

Spatial\_Domain:

Bounding\_Coordinates:

West\_Bounding\_Coordinate: 2.553543

East\_Bounding\_Coordinate: 2.711714

North\_Bounding\_Coordinate: 13.594354

South\_Bounding\_Coordinate: 13.468407

Keywords:

Theme:

Theme\_Keyword\_Thesaurus: none

Theme\_Keyword: Map

Theme\_Keyword: Spot 5

Theme\_Keyword: Imagery

Theme\_Keyword: Remote sensing

Place:

Place\_Keyword\_Thesaurus: none

Place\_Keyword: Fakara  
 Place\_Keyword: Niger  
 Place\_Keyword: West Africa  
 Access\_Constraints: Free  
 Use\_Constraints: Cite when used  
 Point\_of\_Contact:  
 Contact\_Information:  
 Contact\_Organization\_Primary:  
 Contact\_Organization: Catholic University of Louvain  
 Contact\_Person: BRUNO GERARD  
 Contact\_Position: Visitor Scientist  
 Contact\_Address:  
 Address\_Type: mailing and physical  
 Address: Faculty of Biological, Agronomic and Environmental  
 Engineering  
 Catholic university of Louvain  
 Croix du Sud, 2 bte 16  
 B-1348 Louvain-la-Neuve (Belgium)  
 Fax 32 (0) 10 47 88 98  
  
 City: Louvain-la-Neuve  
 Country: Belgique  
 Contact\_Voice\_Telephone: 32 (0) 10 47 92 57  
 Contact\_Electronic\_Mail\_Address: b.Gerard@cgiar.org;  
 gerard@enge.ucl.ac.be  
 Browse\_Graphic:  
 Browse\_Graphic\_File\_Name: Fakara\_A\_quicklook.jpg  
 Browse\_Graphic\_File\_Type: JPEG  
 Data\_Set\_Credit: Bruno Gerard, Jean-Francois Peckel, and Christophe  
 Coq  
 Native\_Data\_Set\_Environment: Microsoft Windows XP Version 5.1 (Build  
 2600) Service Pack 2; ESRI ArcCatalog 9.2.0.1324  
 Data\_Quality\_Information:  
 Lineage:  
 Process\_Step:  
 Process\_Description: Maps of the Fakara region at 1/30000 scale  
 have been elaborated from the pansharpened orthorectified Spot 5  
 imagery to serve as detailed maps for field work and field activities.  
 Maps were created as JPEG files and printed.  
 Spatial\_Data\_Organization\_Information:  
 Direct\_Spatial\_Reference\_Method: Raster  
 Point\_and\_Vector\_Object\_Information:  
 SDTS\_Terms\_Description:  
 SDTS\_Point\_and\_Vector\_Object\_Type: G-polygon  
 Point\_and\_Vector\_Object\_Count: 1  
 Spatial\_Reference\_Information:  
 Horizontal\_Coordinate\_System\_Definition:  
 Planar:  
 Grid\_Coordinate\_System:  
 Grid\_Coordinate\_System\_Name: Universal Transverse Mercator  
 Universal\_Transverse\_Mercator:  
 UTM\_Zone\_Number: 31  
 Transverse\_Mercator:  
 Scale\_Factor\_at\_Central\_Meridian: 0.999600  
 Longitude\_of\_Central\_Meridian: 3.000000  
 Latitude\_of\_Projection-Origin: 0.000000  
 False\_Easting: 500000.000000

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        False_Northing: 0.000000
Planar_Coordinate_Information:
    Planar_Coordinate_Encoding_Method: coordinate pair
    Coordinate_Representation:
        Abscissa_Resolution: 0.000000
        Ordinate_Resolution: 0.000000
    Planar_Distance_Units: meters
Geodetic_Model:
    Horizontal_Datum_Name: D_WGS_1984
    Ellipsoid_Name: WGS_1984
    Semi-major_Axis: 6378137.000000
    Denominator_of_Flattening_Ratio: 298.257224
Entity_and_Attribute_Information:
Detailed_Description:
    Entity_Type:
        Entity_Type_Label: Fakara_A
    Attribute:
        Attribute_Label: FID
        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: Shape
        Attribute_Definition: Feature geometry.
        Attribute_Definition_Source: ESRI
        Attribute_Domain_Values:
            Unrepresentable_Domain: Coordinates defining the features.
    Attribute:
        Attribute_Label: Id
        Attribute_Definition: Identification classes
        Attribute_Definition_Source: Bruno Gerard
        Attribute_Domain_Values:
            Enumerated_Domain:
                Enumerated_Domain_Value: classe 1
                Enumerated_Domain_Value_Definition: Village
                Enumerated_Domain_Value_Definition_Source: Bruno Gerard
            Enumerated_Domain:
                Enumerated_Domain_Value: classe 2
                Enumerated_Domain_Value_Definition: Crops
                Enumerated_Domain_Value_Definition_Source: Bruno Gerard
            Enumerated_Domain:
                Enumerated_Domain_Value: classe 3
                Enumerated_Domain_Value_Definition: Fallow
                Enumerated_Domain_Value_Definition_Source: Bruno Gerard
            Enumerated_Domain:
                Enumerated_Domain_Value: classe 4
                Enumerated_Domain_Value_Definition: Animal track
                Enumerated_Domain_Value_Definition_Source: Bruno Gerard
            Enumerated_Domain:
                Enumerated_Domain_Value: classe 5
                Enumerated_Domain_Value_Definition: shrub lands ''Brousse
tigree''
                Enumerated_Domain_Value_Definition_Source: Bruno Gerard
            Enumerated_Domain:
                Enumerated_Domain_Value: classe 6

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Enumerated\_Domain\_Value\_Definition: Water  
 Enumerated\_Domain\_Value\_Definition\_Source: Bruno Gerard  
 Distribution\_Information:  
   Distributor:  
     Contact\_Information:  
       Contact\_Organization\_Primary:  
         Contact\_Organization: ICRISAT  
         Contact\_Voice\_Telephone: +22720722626  
         Contact\_Facsimile\_Telephone: +22720734329  
         Contact\_Electronic\_Mail\_Address: icrisatsc@cgiar.org  
     Resource\_Description: Saptio Carte de la Region du Fakara au 1/30000  
     Planche A  
     Distribution\_Liability: For all needs, email to Bruno Gerard at  
     b.gerard@cgiar.org  
     Standard\_Order\_Process:  
       Digital\_Form:  
         Digital\_Transfer\_Information:  
           Transfer\_Size: 0.000  
 Metadata\_Reference\_Information:  
   Metadata\_Date: 20070202  
   Metadata\_Contact:  
     Contact\_Information:  
       Contact\_Organization\_Primary:  
         Contact\_Organization: ICRISAT  
         Contact\_Person: AMADOU M.Laouali  
     Contact\_Address:  
       Address\_Type: mailing and physical address  
       City: Niamey  
       Country: Niger  
       Contact\_Voice\_Telephone: +22720722626  
       Contact\_Facsimile\_Telephone: +22720734329  
       Contact\_Electronic\_Mail\_Address: a.m.laouali@cgiar.org  
       Contact\_Instructions: Prefer mailing contact  
   Metadata\_Standard\_Name: FGDC Content Standards for Digital Geospatial  
 Metadata  
   Metadata\_Standard\_Version: FGDC-STD-001-1998  
   Metadata\_Time\_Convention: local time  
   Metadata\_Extensions:  
     Online\_Linkage: <http://www.esri.com/metadata/esriprof80.html>  
     Profile\_Name: ESRI Metadata Profile