A Big Earth Data Platform for Three Poles

**Landsat TM remote sensing dataset over Western China (1980‘s)**

1、Description

This dataset is TM remote sensing data covers western China, around the 1980s.  
Data attributes:  
Pixel Size: 30-meter reflective: Bands 1-5 and 7  
                60-meter thermal: Band 6  
                Output Format: GeoTIFF  
                Resampling method: cubic convolution (CC)  
                Map Projection: UTM – WGS 84  
Polar Stereographic for the continent of Antarctica.  
                Image Orientation: Map (North Up)  
The data was partially downloaded from the USGS http://eros.usgs.gov/ website, and partly collected from various projects.  
The data folder is named the row and column number where the image is located. The folder contains TM 7 bands images (\* .tif), header files (\* .met, \* .hdr) and thumbnails (jpg). The naming format of image files is row and column number \_TM image mark (5t), and image acquisition time \_ band number.

2、Keywords

Theme：Landsat,TM,Satelite images,Terrestrial Surface Remote Sensing  
Discipline：Terrestrial Surface,Others  
Places：Western China  
Time：1980s

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：103468.0MB

4.Data format：删格

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：49.36 | - |
| west：73.45 | - | east：111.2 |
| - | south：20.9 | - |

5、Time frame:None--None

6、Reference method

References to data:

EROS DATA CENTER. Landsat TM remote sensing dataset over Western China (1980‘s). A Big Earth Data Platform for Three Poles, 2010

References to articles:

U.S.Geological Survey,Thematic Mapper(Landsat 4-5),Sioux Falls, South Dakota,USA,U.S.Geological Survey,1982

7、Supporting project information

8、Data resource provider

name: EROS DATA CENTER  
unit:   
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