A Big Earth Data Platform for Three Poles

**The Landsat TM image data sets of the Yellow River Upstreams (1990-2010)**

1、Description

Ⅰ. Overview
Landsat5 was launched in March 1984. The Thematic Mapper (TM) sensor on it includes seven bands, except for the 6th band with a resolution of 120 m, the other 6 bands have a resolution of 30 m. This data set was collected in 1990 and 2010. There are 77 scenes of TM data in the upper reaches of the Yellow River.
Ⅱ. Data processing description
The product level is L1 and has been geometrically corrected.
Ⅲ. Data content description
The naming method is LT5 line number column number \_ column number year month day, such as LT5129032\_03220040816.
Ⅳ. Data usage description
The main applications are soil use / cover and desertification monitoring.

2、Keywords

Theme：Remote Sensing Technology,Visible remote sensing
Discipline：Remote Sensing Technology
Places：The upstream of the Yellow River
Time：1990-2010

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：13800.0MB

4.Data format：img

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：95.0 | - | east：112.0 |
| - | south：32.0 | - |

5、Time frame:1990-07-07 11:26:00+00:00--2010-11-04 18:50:00+00:00

6、Reference method

References to data:

XUE Xian, DU Heqiang. The Landsat TM image data sets of the Yellow River Upstreams (1990-2010). A Big Earth Data Platform for Three Poles, 2012

References to articles:

7、Supporting project information

8、Data resource provider

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