A Big Earth Data Platform for Three Poles

**WATER: BJ-1 dataset**

1、Description

BJ-1 dataset includes 11 scenes, covering the upper and middle reaches of the Heihe river basin, which were acquired on 10-21-2007, 11-19-2007, 01-09-2008, 03-03-2008, 04-04-2008, 04-16-2008, 05-01-2008, 05-16-2008, 07-01-2008, 07-06-2008 and 07-08-2008.  
 The sensor was MSI, substar resolution was 32m, fov was 22.06°, the orbit was 686km high and the dip angle was 98.1725°, the focal distance was 150mm, CCD pixel was 7μm, the near infrared band was 760nm-900nm, red wave band was 630nm-690nm and green wave band was 520nm-620nm.  
 The data version is Level 2, which was released after geometric correction.  
 BJ-1 dataset was acquired from "Dragon Programme" (grant number: 5322).

2、Keywords

Theme：Remote Sensing Technology,Visible remote sensing  
Discipline：Remote Sensing Technology  
Places：Heihe River Basin, Forest and Hydrology Experimental Areas, Arid Region Hydrology in the Middle Reaches, the cold region hydrology experimental area in the upper reaches  
Time：2008-07-08,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：4819.9MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.291 | - |
| west：97.399 | - | east：102.125 |
| - | south：38.51 | - |

5、Time frame:2007-10-31 17:08:00+00:00--2008-08-07 17:08:00+00:00

6、Reference method

References to data:

LI Xin. WATER: BJ-1 dataset. A Big Earth Data Platform for Three Poles, 2011

References to articles:

7、Supporting project information

The CAS (Chinese Academy of Sciences) Action Plan for West Development Project  
National Program on Key Basic Research Project (973 Program

8、Data resource provider

name: LI Xin  
unit:   
email: xinli@itpcas.ac.cn