A Big Earth Data Platform for Three Poles

**HiWATER: PROBA CHRIS dataset**

1、Description

This dataset includes seven scenes; two scenes cover the Dayekou catchment on (yy-mm-dd) 2012-08-19 and 2012-08-28, one scene covers the airport desert experimental site on 2012-06-29, three scenes cover the Daman foci experimental area on 2012-06-21, 2012-07-10 and 2012-08-27, and one scene covers the natural oasis eco-hydrology experimental area in the lower reaches of the Heihe River Basin.
The data were all acquired around 9:00 (BJT) of full swath mode with data product of Level 1A.
PROBA CHRIS dataset was acquired through the European Space Agency (ESA)-Ministry of Science and Technology of China (MOST) Cooperative Dragon 2 (project ID: 5322) and Dragon 3 (project ID: 10649) Programme.

2、Keywords

Theme：Satelite images,Terrestrial Surface Remote Sensing,Other images
Discipline：Terrestrial Surface
Places：Heihe River Basin, the artificial oasis experimental area in the middle reaches, Dayekou Basin, Daman irrigation district, the natural oasis eco-hydrology experimental area in the lower reaches
Time：2012-06-21, 2012-08-19, 2012-07-10, 2012, 2012-06-29, 2012-08-28, 2012-08-27, 2012-04-23

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：700.0MB

4.Data format：数字影像

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.7 | - |
| west：97.1 | - | east：102.0 |
| - | south：37.7 | - |

5、Time frame:2012-11-01 17:56:00+00:00--2013-03-08 17:56:00+00:00

6、Reference method

References to data:

ESA-MOST cooperative Dragon programme(No. 5322，10649). HiWATER: PROBA CHRIS dataset. A Big Earth Data Platform for Three Poles, 2013

References to articles:

7、Supporting project information

Key Eco-Hydrological Parameters Retrieval and Land Data Assimilation System Development in a Typical Inland River Basin of China's Arid Region
"Heihe Watershed Allied Telemetry Experimental Research (HiWATER)
ESA-MOST cooperative Dragon programme

8、Data resource provider

name: ESA-MOST cooperative Dragon programme(No. 5322，10649)
unit: the European Space Agency (ESA)-Ministry of Science and Technology of China (MOST)
email: 无