A Big Earth Data Platform for Three Poles

**Dataset of slope aspect at 30m spatial resolution over the Loess Plateau (2014)**

1、Description

The data set contains the slope aspect (resolution: 30 m) factor affecting soil erosion on the Loess Plateau and the slope aspect data extracted from the elevation data of the Loess Plateau. Each theme map is divided into frames according to the 1:250000 scale standard map cartography method, and the frames are denoted by the 1:250000 scale standard map cartography number. The geographical coordinate is WGS1984; the accuracy can meet the requirements of regional scale hydrology and soil erosion analysis and forecasting.

2、Keywords

Theme：Aspect,Soil,Digital elevation model,Topography,Soil erosion  
Discipline：Terrestrial Surface  
Places：Loess Plateau  
Time：2014

3、Data details

1.Scale：90

2.Projection：

3.Filesize：6315.0MB

4.Data format：PDF

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：103.0 | - | east：114.0 |
| - | south：34.0 | - |

5、Time frame:2014-07-07 08:00:00+00:00--2015-07-06 08:00:00+00:00

6、Reference method

References to data:

SHI Haijing, LIU Baoyuan. Dataset of slope aspect at 30m spatial resolution over the Loess Plateau (2014). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2705592018

References to articles:

7、Supporting project information

8、Data resource provider

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