A Big Earth Data Platform for Three Poles

**Dataset of Soil Erosion （water) Intensity with 300m resoluton in Tibetan Plateau (1992, 2005, 2015)**

1、Description

1)The data content includes three stages of soil erosion intensity in Qinghai-Tibet Plateau in 1992, 2005 and 2015, and the grid resolution is 300m. 2) China soil erosion prediction model (CSLE) was used to calculate the soil erosion amount of more than 4,000 investigation units on the Qinghai-Tibet Plateau. Soil erosion was interpolated according to land use on Qinghai-Tibet Plateau. According to the soil erosion classification standard, the soil erosion intensity map of Qinghai-Tibet Plateau was obtained. 3) By comparing the differences of three-stage soil erosion intensity data, it conforms to the actual change law and the data quality is good. 4) The data of soil erosion intensity are of great significance to the study of soil erosion in the Qinghai-Tibet Plateau and the sustainable development of local ecosystems. In the attribute table, "Value" represents the erosion intensity level, from 1 to 6, the value represents slight, mild, moderate, intense, extremely intense and severe. "BL" represents the percentage of echa erosion intensity in the total area.

2、Keywords

Theme：Soil reosion,Natural Disaster  
Discipline：Human-nature Relationship  
Places：Tibetan Plateau  
Time：1 years < =x < 10 years

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：166.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：41.0 | - |
| west：73.0 | - | east：105.0 |
| - | south：26.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHANG Wenbo. Dataset of Soil Erosion （water) Intensity with 300m resoluton in Tibetan Plateau (1992, 2005, 2015). A Big Earth Data Platform for Three Poles, doi:10.11888/Soil.tpdc.2701962019

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: ZHANG Wenbo  
unit: Beijing Normal University  
email: wenbozhang@bnu.edu.cn