A Big Earth Data Platform for Three Poles

**Vegetation map (1:1,000,000) in the Heihe River basin (2001)**

1、Description

The data is the digitization of the Heihe River basin part of the 1:1 million Vegetation Atlas of China, 1:1000, 000 Vegetation Atlas of China is edited by academician Hou Xueyu, a famous vegetation ecologist (Hou Xueyu, 2001). It is jointly compiled by more than 250 experts from 53 units such as research institutes of Chinese Academy of Sciences, relevant ministries and commissions, relevant departments of various provinces and regions, colleges and universities. It is another summative achievement of vegetation ecologists in China over 40 years after the publication of monographs such as vegetation of China Basic map of natural resources and natural conditions of the family. It is based on the rich first-hand information accumulated by vegetation surveys carried out throughout the country over the past half century, and the materials obtained by modern technologies such as aerial remote sensing and satellite images, as well as the latest research achievements in geology, soil science and climatology. It reflects in detail the distribution of vegetation units of 11 vegetation type groups, 796 formations and sub formations of 54 vegetation types, horizontal and vertical zonal distribution laws, and also reflects the actual distribution of more than 2000 dominant species of plants, major crops and cash crops in China, as well as the close relationship between dominant species and soil and ground geology. The atlas is a kind of realistic vegetation map, reflecting the recent quality of vegetation in China.

2、Keywords

Theme：Vegetation,vegetation species/Classification  
Discipline：Terrestrial Surface  
Places：Heihe River Basin  
Time：2001

3、Data details

1.Scale：1000000

2.Projection：4326

3.Filesize：3.25MB

4.Data format：shp

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：43.3 | - |
| west：96.1 | - | east：104.2 |
| - | south：37.7 | - |

5、Time frame:2002-01-23 10:47:35+00:00--2002-01-24 10:47:35+00:00

6、Reference method

References to data:

HOU Xueyu. Vegetation map (1:1,000,000) in the Heihe River basin (2001). A Big Earth Data Platform for Three Poles, 2013

References to articles:

侯学煜. 中国植被图集(1∶100万). 北 京, 科学出版社.

7、Supporting project information

8、Data resource provider

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