A Big Earth Data Platform for Three Poles

**Arctic vegetation spectrum dataset ((July 2018)**

1、Description

Svalbard, Spitsbergen. The archipelago in the Arctic region is the territory of the northernmost border of Norway. It is located in the north of the European continent, between the Norwegian continent and the Arctic point. Vegetation is mainly lichens and bryophytes, the only trees are small polar willow and birch. The vegetation spectrum data set collected in this area is mainly based on the pioneer plant survey of 283 sample points in the new Olson area of Svalbard Islands in the Arctic. The survey time is July 6-22, 2018. The collection place includes London Island, the Yellow River Station area and the front of glaciers, which provides background information for the study of plant distribution and change in the Arctic tundra area.

2、Keywords

Theme：Ground object spectral,Vegetation,Spectral components  
Discipline：Terrestrial Surface  
Places：Arctic  
Time：2018

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：31.7MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：79.0 | - |
| west：10.0 | - | east：12.0 |
| - | south：77.0 | - |

5、Time frame:2018-07-11 08:00:00+00:00--2018-07-27 08:00:00+00:00

6、Reference method

References to data:

XU Xiyan. Arctic vegetation spectrum dataset ((July 2018). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2709512019

References to articles:

7、Supporting project information

CASEarth:Big Earth Data for Three Poles（grant No. XDA19070000）

8、Data resource provider

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