A Big Earth Data Platform for Three Poles

**The map of aeolian landform in Taklimakan desert (1978)**

1、Description

Ⅰ. this data
Compilation: Lanzhou Desert Research Institute, Chinese Academy of Sciences
Publication: Map Publishing House, Map Printing House
Issue: Xinhua Bookstore Beijing Publishing House
Ⅱ. The 1: 1.5 million Taklimakan Desert Aeolian Landform Map includes:
1. aeolian \_ landform \_ taklimakan \_ 150 (aeolian landform) 2, height (dune height) 3, lake (lake) 4river1, 2, 3 (river), 5, road1, 2, 3 (road)
Ⅲ. aeolian landform attribute fields: Aeolian\_c (attribute), Aeolian\_ (English control), Code (attribute code)
Classification codes of geomorphic data attributes are as follows:
(a), sand landform types
111. Ridge-shaped Compound Sand Mountain
112. Compound crescent dunes and dune chains
113. Pyramid dunes
114. Crescent dunes and dune chains
115, lattice sand dune and lattice sand dune chain
116, wind erosion residual hills
117. Compound Sand Ridge
118. Dome dunes
119. Fish Scale Sand Dunes
120, crescent sand ridges and linear sand ridges
121, red willow sandbags
122. Gobi
(b) Sand dune height types
211, less than 10 meters
212, 10-25m
213, 25-50m
214, 50-100m
215, more than 100 meters
(3) Other types
311, woodland and shrub forest
312. Artificial Oasis
313. Saline-alkali Land and Swamp
Iv. projection information:
Angular Unit: Degree (0.017453292519943295)
Prime Meridian: Greenwich (0.000000000000000000)
Datum: D\_Beijing\_1954
Spheroid: Krasovsky\_1940
Semimajor Axis: 6378245.000000000000000000
Semiminor Axis: 6356863.018773047300000000
Inverse Flattening: 298.300000000000010000

2、Keywords

Theme：Geomorphology,Aeolian landform
Discipline：Terrestrial Surface
Places：Taklamakan
Time：1978

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：5.7MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：99.3 | - | east：105.25 |
| - | south：38.4 | - |

5、Time frame:None--None

6、Reference method

References to data:

WANG Jianhua. The map of aeolian landform in Taklimakan desert (1978). A Big Earth Data Platform for Three Poles, doi:10.3972/westdc.008.2013.db2013

References to articles:

中国科学院兰州沙漠研究所.塔克拉玛干沙漠1:150万风沙地貌数据集,中国科学院兰州沙漠研究所,西安出版社,1978

7、Supporting project information

8、Data resource provider

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