A Big Earth Data Platform for Three Poles

**Spatial and Temporal Variation of temperate grassland types in Eurasia - China Regional Three-level Classification (1980S)**

1、Description

This data set is a spatial and temporal variation map of temperate grassland types in Eurasia, China regional classification map (1980S).The data is in TIF raster format, and the spatial resolution is 1km. The values of the three-level classification of thermal grassland are 1-8, respectively: :1- Temperate meadow grassland;2- Typical temperate grassland;3- Temperate desertification grassland;4- Temperate grassland desert;5- temperate desert and three non-temperate grassland types (6- alpine grassland, 7- other vegetation area, 8- non-vegetation area).
Based on the data set of vegetation map of the people's Republic of China (1:1 000 000 000) hosted by the Institute of Botany, Chinese Academy of Sciences, and combined with historical and meteorological data, the vegetation map of the people's Republic of China contains 11 vegetation type groups, 55 vegetation types and 960 vegetation types in 1980s Based on the historical meteorological data from 1980 to 1989, combined with satellite data for further analysis and correction, and spatial interpolation calculation, we obtained the three-level classification of temperate grassland in China. The data can be used to analyze the spatial and temporal variation of temperate grassland in Eurasia.

2、Keywords

Theme：Vegetation coverage data,Vegetation,Grassland,Land cover,Terrestrial Surface Remote Sensing,Grassland
Discipline：Terrestrial Surface
Places：China, Temperate grassland, Eurasia
Time：1980年代

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：16.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：56.0 | - |
| west：65.0 | - | east：137.0 |
| - | south：13.0 | - |

5、Time frame:1979-12-31 16:00:00+00:00--1989-12-30 16:00:00+00:00

6、Reference method

References to data:

TANG Jiakui. Spatial and Temporal Variation of temperate grassland types in Eurasia - China Regional Three-level Classification (1980S). A Big Earth Data Platform for Three Poles, doi:10.11888/Ecolo.tpdc.2709042020

References to articles:

7、Supporting project information

8、Data resource provider

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