A Big Earth Data Platform for Three Poles

**Climate classification index (Koppen Geiger) in Pan-TPE (1986-2010)**

1、Description

Koppen Geiger climate type map is a high-resolution grid data set after Rubel (2017) downscaling, which provides two data subsets: a data NetCDF file and an NCL code for individual visualization. The dataset represents the climate type distribution from 1986 to 2010, with a resolution of 5 minutes of arc (1 / 12 degree, about 10km).  
Using the downscaling algorithm developed by Rubel et al. (2017), the reanalyzed K ö ppen Geiger climate type data obtained a high-resolution version of 5 arc minutes. It represents the distribution of climate types in the last 25 years. In addition, the color meter needle optimizes the higher resolution, resulting in slightly different map appearance.

2、Keywords

Theme：生态系统, 遥感产品, 大气遥感产品  
Discipline：Atmosphere  
Places：Pan-Third Pole  
Time：1986-2010

3、Data details

1.Scale：1

2.Projection：WGS84

3.Filesize：2.23MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：0.0 | - | east：180.0 |
| - | south：0.0001 | - |

5、Time frame:None--None

6、Reference method

References to data:

HE Yongli. Climate classification index (Koppen Geiger) in Pan-TPE (1986-2010). A Big Earth Data Platform for Three Poles, 2019

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

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