A Big Earth Data Platform for Three Poles

**Simulation dataset of westerlies and monsoons during the Little Ice Age and Medieval Climate Anomaly**

1、Description

1) Data content: the average zonal wind speed of 200 hPa and 850 hPa (reflecting the high and low-level westerly wind) and meridional wind speed of 850 hPa (reflecting the monsoon circulation) during the past millennium; 2) Data source: monthly data of the third phase of the international paleoclimate simulation and comparison program, processing method: multi-mode equal weight arithmetic average, climate average, 3) data application: used for the study of paleoclimate change and dynamic mechanism.

2、Keywords

Theme：Others,Winds,westerly-monsoon
Discipline：Atmosphere,Palaeoenvironment
Places：global
Time：Medieval Climate Anomaly, last millennium, Little Ice Age

3、Data details

1.Scale：None

2.Projection：

3.Filesize：536.0MB

4.Data format：None

4、Space scope

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

5、Time frame:None--None

6、Reference method

References to data:

WANG Huijun, JIANG Nanxuan. Simulation dataset of westerlies and monsoons during the Little Ice Age and Medieval Climate Anomaly. A Big Earth Data Platform for Three Poles, doi:10.11888/Atmos.tpdc.2718872021

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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