A Big Earth Data Platform for Three Poles

**Temperature-sensitive proxy over the Northern Hemisphere during 1000-2000 AD**

1、Description

There are 396 temperature-sensitive proxy data for the past millennium over the Northern Hemisphere, including 370 tree rings, 15 ice cores, 9 lake sediments and 2 historical documents; This data is derived from the global temperature proxy dataset released by PAGES2k Consortum in 2017; During the process of temperature assimilation in the past millennium (1000-2000 AD) in the Northern Hemisphere, the data were further screened, and only the data with annual resolution were retained; The proxy data contained in the dataset have passed strict quality inspection and temperature signal verification; The data set can be used to reconstruct the temperature of the Northern Hemisphere at the hemispherical and regional scales for the past millennium.

2、Keywords

Theme：Ice-core,Tree-ring,Paleoclimate Reconstruction
Discipline：Palaeoenvironment
Places：Northern Hemisphere
Time：Past millennium

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：1.0MB

4.Data format：None

4、Space scope

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

5、Time frame:None--None

6、Reference method

References to data:

FANG Miao. Temperature-sensitive proxy over the Northern Hemisphere during 1000-2000 AD. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2728832022

References to articles:

7、Supporting project information

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

8、Data resource provider

name: FANG Miao
unit:
email: mfang@lzb.ac.cn