A Big Earth Data Platform for Three Poles

**A tree ring-based winter temperature reconstruction for the southeastern Tibetan Plateau (1340-2007)**

1、Description

This dataset is provided by the author of the paper: Huang, R., Zhu, H.F., Liang, E.Y., Liu, B., Shi, J.F., Zhang, R.B., Yuan, Y.J., & Grießinger, J. (2019). A tree ring-based winter temperature reconstruction for the southeastern Tibetan Plateau since 1340 CE. Climate Dynamics, 53(5-6), 3221-3233.
In this paper, in order to understand the past few hundred years of winter temperature change history and its driving factors, the researcher of Key Laboratory of Alpine Ecology, Institute of Tibetan Plateau Research, Chinese Academy of Sciences and CAS Center for Excellence in Tibetan Plateau Earth Sciences. Prof. Eryuan Liang and his research team, reconstructed the minimum winter (November – February) temperature since 1340 A.D. on southeastern Tibetan Plateau based on the tree-ring samples taken from 2007-2016.
The dataset contains minimum winter temperature reconstruction data of Changdu on the southeastern TP during 1340-2007.
The data contains fileds as follows:
year
Tmin.recon (℃)
See attachments for data details: A tree ring-based winter temperature reconstruction for the southeasternTibetan Plateau since 1340 CE.pdf

2、Keywords

Theme：Temperature,Vegetation,Tree ring,Paleoclimate Reconstruction
Discipline：Atmosphere,Terrestrial Surface,Palaeoenvironment
Places：Tibetan Plateau, Southeast of the Tibetan Plateau
Time：1340-2007

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.5 | - |
| west：94.5 | - | east：97.5 |
| - | south：29.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHU Haifeng, LIANG Eryuan, HUANG Ru. A tree ring-based winter temperature reconstruction for the southeastern Tibetan Plateau (1340-2007). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2701392019

References to articles:

Huang, R., Zhu, H.F., Liang, E.Y., Liu, B., Shi, J.F., Zhang, R.B., Yuan, Y.J., & Grießinger, J. (2019). A tree ring-based winter temperature reconstruction for the southeastern Tibetan Plateau since 1340 CE. Climate Dynamics, 53(5-6), 3221-3233.

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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