A Big Earth Data Platform for Three Poles

**Spring hydroclimate reconstruction on the south-central Tibetan Plateau**

1、Description

Data content: Standard ring-width chronology derived from Wilson juniper shrub around the northern shore of the Nam Co Lake; May-June SZI (Standardized Moisture Anomaly Index) drought reconstruction for the Nam Co region.  
Time span: 1605 to 2010.  
Temporal resolution: Yearly.  
Application and prospects: Hydroclimate study on the south-central Tibetan Plateau.

2、Keywords

Theme：Tree rings,Tree-ring  
Discipline：Palaeoenvironment  
Places：Nam Co Lake, South-central Tibetan Plateau  
Time：

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.02MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：34.5 | - |
| west：90.0 | - | east：91.0 |
| - | south：30.75 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHU Haifeng, ZHANG Baoqing, WANG Yafeng, CAMARERO J. Julio, LIANG Eryuan, HUANG Ru, LU Xiaoming. Spring hydroclimate reconstruction on the south-central Tibetan Plateau. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2703912020

References to articles:

Lu, X., Huang, R., Wang, Y., Zhang, B., Zhu, H., Camarero, J. J., Liang, E\*. (2020). Spring hydroclimate reconstruction on the south-central Tibetan Plateau inferred from Juniperus pingii var. wilsonii shrub rings since 1605. Geophysical Research Letters, 47, e2020GL087707. https://doi.org/ 10.1029/2020GL087707

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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