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

name: LU Xiaoming
unit:
email: luxiaoming@itpcas.ac.cn

name: HUANG Ru
unit:
email: luxiaoming@itpcas.ac.cn

name: WANG Yafeng
unit:
email: yfwang@itpcas.ac.cn

name: ZHANG Baoqing
unit:
email: baoqzhang@lzu.edu.cn

name: ZHU Haifeng
unit:
email: zhuhf@itpcas.ac.cn

name: CAMARERO J. Julio
unit:
email: chechu@bio.ub.es

name: LIANG Eryuan
unit:
email: liangey@itpcas.ac.cn