A Big Earth Data Platform for Three Poles

**The tree ring dataset of populus euphratica in the downstream of the Heihe River**

1、Description

The annual ring is the main technical means for carrying out the variance analysis, and it is also one of the methods to establish the expansion of water consumption time of plant transpiration. In 2001, this project sampled 60 Populus euphratica in Ejin Oasis and measured the age and ring width index.

2、Keywords

Theme：Tree rings,Tree-ring  
Discipline：Palaeoenvironment  
Places：Ejin, The Lower Reaches of Heihe River Basin  
Time：2012

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.08MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.03335278 | - |
| west：101.0498361 | - | east：101.0498361 |
| - | south：42.03335278 | - |

5、Time frame:2012-05-19 04:01:00+00:00--2012-10-11 04:01:00+00:00

6、Reference method

References to data:

SI Jianhua. The tree ring dataset of populus euphratica in the downstream of the Heihe River. A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.022.2014.db2014

References to articles:

Yu, T.F., Feng, Q., Si, J.H., Xi, H.Y., Li, Z.X., & Chen, A.F. (2013). Hydraulic redistribution of soil water by roots of two desert riparian phreatophytes in northwest China's extremely arid region. Plant and soil, 372(1-2): 297-308.

7、Supporting project information

8、Data resource provider

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