A Big Earth Data Platform for Three Poles

**Qinhai spruce canopy conductance in Pailougou watershed (2011-2013)**

1、Description

Canopy conductance (mm s-1) is a sensitive index of forest transpiration response to environmental factors, and is a key parameter in water and carbon exchange model. The data is obtained by expanding the water consumption scale measured by stem sap flow technology to the stand scale to obtain the water consumption of the stand, and then using penman equation to calculate. This data mainly provides basic data for some eco hydrological models.

2、Keywords

Theme：冠层导度, 耗水量, 青海云杉林  
Discipline：Biogeography, Eco-hydrology  
Places：Heihe River Basin, Pailugou  
Time：2011 to 2013

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.16MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.558 | - |
| west：100.286 | - | east：100.307 |
| - | south：38.529 | - |

5、Time frame:2011-01-10 18:52:00+00:00--2014-01-05 18:52:00+00:00

6、Reference method

References to data:

CHANG Xuexiang. Qinhai spruce canopy conductance in Pailougou watershed (2011-2013). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.002.2014.db2014

References to articles:

7、Supporting project information

8、Data resource provider

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