A Big Earth Data Platform for Three Poles

**WATER: Dataset of soil moisture profile observations in the Pailugou watershed foci experimental area**

1、Description

The dataset of soil moisture profile observations was obtained (once every ten days) in the Pailugou watershed foci experimental area during 2007 and from May to Sep. 2008.
 The soil profile was the moss litter layer, 0-10cm, 10-20cm, 20-40cm, 40-60cm and 60-80cm. It was fetched by the cutting ring and was measured through oven drying.
 Land cover types included spruce forest located in different elevation levels of 2600m, 2700m, 2900m, 3100m and 3300m, scrub of 3300m, 3400m and 3500m, and tailo grassland of 2600m, 2700m, 2800m and 2900m.
 Data were archived in Excel format.

2、Keywords

Theme：Soil,Soil horizons/profile,Soil moisture/Water content
Discipline：Terrestrial Surface
Places：Heihe River Basin, Forest and Hydrology Experimental Areas,
Time：2007, 2008,

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：0.76MB

4.Data format：

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：38.558312 | - |
| west：100.2158 | - | east：100.306977 |
| - | south：38.52844 | - |

5、Time frame:2007-05-13 16:00:00+00:00--2007-10-12 16:00:00+00:00

6、Reference method

References to data:

JING Wenmao, CHE Zongxi. WATER: Dataset of soil moisture profile observations in the Pailugou watershed foci experimental area. A Big Earth Data Platform for Three Poles, doi:10.3972/water973.0241.db2013

References to articles:

7、Supporting project information

The CAS (Chinese Academy of Sciences) Action Plan for West Development Project
National Program on Key Basic Research Project (973 Program

8、Data resource provider

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