A Big Earth Data Platform for Three Poles

**Simulation of the permafrost distribution over the upper reaches of the Heihe River (1993-2012)**

1、Description

This data is obtained by spatial interpolation and permafrost simulation through the surface temperature at 0 cm of nine stations in and outside the source area of the upper reaches of Heihe River. In the figure, 1 represents seasonal frozen soil and 2 represents permafrost.   
The data is in TIFF format, WGS-84 is used for projection, and the spatial range is 37.7263n-39.0976n, 98.5769e-101.1608e.

2、Keywords

Theme：Frozen ground distribution,Frozen Ground  
Discipline：Cryosphere  
Places：Heihe River Basin,   
Time：

3、Data details

1.Scale：None

2.Projection：4326

3.Filesize：975.0MB

4.Data format：栅格

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.0976 | - |
| west：98.5769 | - | east：101.1608 |
| - | south：37.7263 | - |

5、Time frame:1993-01-12 02:06:00+00:00--2013-01-08 02:06:00+00:00

6、Reference method

References to data:

GE Shemin. Simulation of the permafrost distribution over the upper reaches of the Heihe River (1993-2012). A Big Earth Data Platform for Three Poles, doi:10.3972/heihe.071.2014.db2014

References to articles:

7、Supporting project information

8、Data resource provider

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