A Big Earth Data Platform for Three Poles

**Greenland ice sheet elevation change data V1.0 (2004-2008)**

1、Description

First of all, the data of ice cover elevation change is obtained by using the data of glas12 in 2004 and 2008. In ideal case, each track is strictly repeated. However, due to the track deviation, it can not be guaranteed that the track is strictly repeated according to the design. The deviation varies from several meters to several hundred meters. The grid of 500m \* 500m is taken, and the point falling in the same grid is considered as the weight of the repeated track. The elevation change in 2004-2008 is obtained by subtraction of complex points, and the annual elevation change is obtained. Ice sheet elevation change data

2、Keywords

Theme：Glacier(Ice Sheet)  
Discipline：Cryosphere  
Places：Greenland  
Time：2004-2008

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：100.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：85.0 | - |
| west：-90.0 | - | east：0.0 |
| - | south：55.0 | - |

5、Time frame:2004-12-11 00:00:00+00:00--2009-01-10 00:00:00+00:00

6、Reference method

References to data:

HUANG Huabin. Greenland ice sheet elevation change data V1.0 (2004-2008). A Big Earth Data Platform for Three Poles, doi:10.11888/Glacio.tpdc.2709852019

References to articles:

7、Supporting project information

CASEarth:Big Earth Data for Three Poles（grant No. XDA19070000）

8、Data resource provider

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