A Big Earth Data Platform for Three Poles

**Glacier inventory dataset of Bhutan (2000)**

1、Description

This glacier inventory is supported by the International Centre for Integrated Mountain Development (ICIMOD) and the United Nations Environment Programme/Regional Resource Centre, Asia and The Pacific (UNEP/RRC-AP).  
1.The glacier inventory incorporates topographic map data, and reflects the status of glaciers in the region in 2000.  
2.The spatial coverage of the glacier inventory includes the following: Pa Chu Sub-basin,Mo Chu Sub-basin,Thim Chu Sub-basin,Pho Chu Sub-basin,Mangde Chu Sub-basin, Chamkhar Chu Sub-basin,Kuri Chu Sub-basin,Dangme Chu Sub-basin,Northern Basin, etc.  
3.The glacier inventory includes the following data fields: glacier location, glacier code, glacier name, glacier area, glacier length, glacier thickness, glacier stocks, glacier type, glacier orientation, etc.  
4.Data projection:   
Projection: Polyconic  
Ellipsoid: Everest (India 1956)  
Datum: Indian (India, Nepal)  
False easting: 2,743,196.4  
False northing: 914,398.80  
Central meridian: 90°0'00'' E  
Central parallel: 26°0'00' N  
Scale factor: 0.998786  
  
For a detailed description of the data, please refer to the data file and report.

2、Keywords

Theme：glacier inventory,Glacier(Ice Sheet)  
Discipline：Cryosphere  
Places：Bhutan  
Time：2000

3、Data details

1.Scale：100000

2.Projection：Polyconic

3.Filesize：18.0MB

4.Data format：shp

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：28.5 | - |
| west：88.6 | - | east：92.2 |
| - | south：26.5 | - |

5、Time frame:2000-01-05 16:00:00+00:00--2001-01-04 16:00:00+00:00

6、Reference method

References to data:

International Centre for Integrated Mountain Development (ICIMOD). Glacier inventory dataset of Bhutan (2000). A Big Earth Data Platform for Three Poles, 2011

References to articles:

Pradeep K. Mool, Dorji Wangda, Samjwal R. Bajracharya,Inventory of Glaciers, Glacial Lakes and Glacial Lake Outburst Floods,Bhutan,ICIMOD,2001

7、Supporting project information

8、Data resource provider

name: International Centre for Integrated Mountain Development (ICIMOD)  
unit: International Centre for Integrated Mountain Development (ICIMOD)  
email: info@icimod.org