A Big Earth Data Platform for Three Poles

**Inventory of glacial lakes in Bhutan (2000)**

1、Description

This glacial lake 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 glacial lake inventory incorporates topographic map data and reflects the status of glacial lakes in the region in 2000.  
2. The spatial coverage of the glacial lake inventory is as follows: 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 glacial lake inventory includes the following data fields: glacial lake code, glacial lake types, glacial lake orientation, glacial lake width, glacial lake area, glacial lake depth, glacial lake length, 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：Ice lake inventory,Surface Water,Glacier(Ice Sheet),Lakes  
Discipline：Terrestrial Surface,Cryosphere  
Places：Bhutan  
Time：2000

3、Data details

1.Scale：100000

2.Projection：Polyconic

3.Filesize：28.0MB

4.Data format：shp

4、Space scope

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

5、Time frame:2000-01-06 16:00:00+00:00--2001-01-05 16:00:00+00:00

6、Reference method

References to data:

International Centre for Integrated Mountain Development (ICIMOD). Inventory of glacial lakes in Bhutan (2000). A Big Earth Data Platform for Three Poles, 2011

References to articles:

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

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