A Big Earth Data Platform for Three Poles

**Glacier lake inventory data of Uttaranchal, India (2000)**

1、Description

This glacial lake inventory is jointly supported by the International Centre for Integrated Mountain Development (ICIMOD) and United Nationenvironment Programme / Regional Resourc Centre, Asia and The Pacific (UNEP / RRC-AP).  
1. The glacial lake inventory refers to remote sensing data such as Landsat 4/5 (MSS, TM1982 / 1985/1984/1999), Landsat 7 (ETM +), IRS-1C, LISS-III (1995IRS-1C), (1997 IRS-1D), etc. It reflects the current status of glacial lakes in the region in 2000.  
2. Glacial lake inventory coverage: India-Uttaranchal.  
3. The content of the glacial lakeinventory includes: glacial lake inventory, glacial lake type, glacial lake orientation, glacial lake width, glacial lake area, glacial lake depth, glacial lake length and other attributes.  
4. Projection parameters:  
Projection: Universal Transverse Mercator (UTM)  
Ellipsoid: WGS84  
Datum: WGS84  
Ellipsoid Parameters: a = 6378137.000  
                                  1 / f = 298.257223563  
Northem Hemisphere: Yes  
MinimumX: 221473.969  
MinimumY: 3300590.500  
MaximumX: 513943.969  
MaximumY: 3488960.500  
Zone: 44  
For detailed data description, please refer to data files and reports.

2、Keywords

Theme：Ice lake inventory,Glacier(Ice Sheet)  
Discipline：Cryosphere  
Places：Uttaranchal, India  
Time：2000

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：1548.03MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.2 | - |
| west：78.15 | - | east：78.37 |
| - | south：31.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

Basanta Shrestha, WU Lizong, Pradeep Kumar Mool, Samjwal Ratna Bajracharya Samjwal Ratna Bajracharya. Glacier lake inventory data of Uttaranchal, India (2000). A Big Earth Data Platform for Three Poles, 2012

References to articles:

Pradeep Kumar Mool,Samjwal Ratna Bajracharya,invertory of Glacier and Glacier Lake and the Identification of Potential Glacier Lke Outburst Floods(GLOFs)Affected by Global Warming in the Mountains of Himalayan Region ,ICIMOD,2005

7、Supporting project information

8、Data resource provider

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