A Big Earth Data Platform for Three Poles

**The lakes larger than 1k㎡ in Tibetan Plateau (V1.0) (1970s, 1990, 2000, 2010)**

1、Description

The dataset includes vector map of the lakes larger than 1k㎡ on Tibetan Plateau in 1970s, 1990, 2000, 2010.   
The lake boundry data was extracted from remote sensing image like Landsat MSS, TM, ETM+, by means of visual interpretation.  
The data type is vector data, and it's attribute class includes Area (km²).  
The Projected Coordinate System is Albers Conical Equal Area.  
It is mainly used in the study of changes in lakes, hydrological and meteorological on the Tibetan Plateau.

2、Keywords

Theme：Area,Surface Water,Lakes  
Discipline：Terrestrial Surface,Human-nature Relationship  
Places：Tibetan Plateau  
Time：2010, 1990, 2000,

3、Data details

1.Scale：None

2.Projection：Albers

3.Filesize：10.6MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：65.0 | - | east：105.0 |
| - | south：25.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHANG Guoqing. The lakes larger than 1k㎡ in Tibetan Plateau (V1.0) (1970s, 1990, 2000, 2010). A Big Earth Data Platform for Three Poles, doi:10.11888/Lake.tpe.249481.file2019

References to articles:

Zhang, G.Q., Yao, T., Xie, H.J., Zhang, K.X., Zhu, F.J. (2014). Lakes' state and abundance across the Tibetan Plateau, Chinese Sci Bull, 59(24), 3010−3021, doi: 10.1007/s11434-014-0258-x

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: ZHANG Guoqing  
unit:   
email: guoqing.zhang@itpcas.ac.cn