A Big Earth Data Platform for Three Poles

**In-situ water quality parameters of the lakes on the Tibetan Plateau (2009-2020)**

1、Description

This dataset provides the in-situ lake water parameters of 124 closed lakes with a total lake area of 24,570 km2, occupying 53% of the total lake area of the TP.These in-situ water quality parameters include water temperature, salinity, pH,chlorophyll-a concentration, blue-green algae (BGA) concentration, turbidity, dissolved oxygen (DO), fluorescent dissolved organic matter (fDOM), and water clarity of Secchi Depth (SD).

2、Keywords

Theme：Surface Water,Earth's surface water,Water Resources,Hydrology,Water Quality/Water Chemistry  
Discipline：Terrestrial Surface,Human-nature Relationship,Cryosphere  
Places：Tibetan Plateau  
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：39.0 | - |
| west：78.0 | - | east：93.0 |
| - | south：28.0 | - |

5、Time frame:2008-12-31 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

ZHU Liping. In-situ water quality parameters of the lakes on the Tibetan Plateau (2009-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2714502021

References to articles:

7、Supporting project information

CASEarth:Big Earth Data for Three Poles（grant No. XDA19070000）  
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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