A Big Earth Data Platform for Three Poles

**Water quality slope data of Co Ngoin Lake (2017)**

1、Description

The data set includes the vertical profile of water quality and the multi-parameter data of surface water quality of Selincho Lake during the investigation of the sources of rivers and lakes from June to July of 2017. The main water quality parameters measured are dissolved oxygen, conductivity, pH, water temperature, etc. YSI EXO2 water quality multi-parameter measuring instrument is calibrated according to lake surface elevation and local pressure before each measurement. The time interval of measurement is set at 0.25s, and the speed of putting in is slow, so he high continuity of data acquisition is guaranteed. The original data obtained include the measured data exposed to air above the water surface, which are eliminated in the later processing.

2、Keywords

Theme：pH,Surface Water,Water temperature,Conductivity,Oxygen,Water Quality/Water Chemistry,Lakes  
Discipline：Terrestrial Surface  
Places：Tibetan Plateau   
Time：2017

3、Data details

1.Scale：1

2.Projection：

3.Filesize：1.0MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：40.0 | - |
| west：73.0 | - | east：104.0 |
| - | south：25.0 | - |

5、Time frame:2017-06-12 00:00:00+00:00--2017-08-11 00:00:00+00:00

6、Reference method

References to data:

WANG Junbo. Water quality slope data of Co Ngoin Lake (2017). A Big Earth Data Platform for Three Poles, doi:10.11888/Hydro.tpdc.2700562018

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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