A Big Earth Data Platform for Three Poles

**Water quality data sets of 24 lakes in Tibet for the second Qinghai Tibet scientific research (2019)**

1、Description

From August to September in 2019, water samples of 24 lakes in selinco, Namco and their surrounding areas were collected for the second Qinghai Tibet scientific research. The chlorophyll (CHL, unit: ug / L), total nitrogen (TN, unit: mg / L), total phosphorus (TP, unit: mg / L), dissolved total nitrogen (DTN, unit: mg / L), dissolved total phosphorus (DTP, unit: mg / L), total phosphorus (TP, unit: mg / L), dissolved nitrogen (DTN, unit: mg / L) and dissolved phosphorus (DTP, unit: mg / L) were analyzed Nitrate nitrogen (NO3-N, mg / L), nitrite nitrogen (NO2-N, mg / L), ammonium nitrogen (NH4-N, mg / L) and phosphate (PO4-P, ug / L), total suspended particulates (TSS, mg / L), organic suspended particulates (OSS, mg / L), inorganic suspended particulates (ISS, mg / L), and so on, The unit is mg / L). At the same time, the name of the lake, the abbreviation of the lake and the longitude and latitude data of the point are provided, and the data format is xlsx. The data were analyzed by hand in the laboratory and verified repeatedly by scientific researchers.

2、Keywords

Theme：Suspended solids,Chlorophyll,Nutrients,Water Quality/Water Chemistry
Discipline：Terrestrial Surface
Places：Nam co, Celinco
Time：2019

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.3MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：32.4 | - |
| west：87.29 | - | east：91.87 |
| - | south：30.48 | - |

5、Time frame:2019-08-03 16:00:00+00:00--2019-09-04 16:00:00+00:00

6、Reference method

References to data:

ZHOU Yongqiang. Water quality data sets of 24 lakes in Tibet for the second Qinghai Tibet scientific research (2019). A Big Earth Data Platform for Three Poles, doi:10.11888/Hydro.tpdc.2713382021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: ZHOU Yongqiang
unit:
email: yqzhou@niglas.ac.cn