A Big Earth Data Platform for Three Poles

**Dataset of alpine wetland water body physical and chemical properties background survey (2019-2020)**

1、Description

This dataset contains the physicochemical properties and water environment indicators of typical alpine wetlands in the Selincuo and Lhasa River basins of the Tibetan Plateau. Wetland water samples were obtained through field sampling, and data on the physicochemical indicators of the water bodies were obtained through chemical analysis in the laboratory. Some indicators were measured in the field using instruments. The data analysis method meets the requirements of relevant national standards and the results are reliable. The data can be used as background data for the water environment of wetlands on the Tibetan Plateau, to assess the ecological and environmental quality of wetlands, and to study the impact of climate change on alpine wetlands.

2、Keywords

Theme：Wetlands,Surface Water
Discipline：Terrestrial Surface,Cryosphere
Places：Selinco Basin, Lhasa River Basin
Time：2019-2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.08MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：32.826047 | - |
| west：89.288893 | - | east：92.205884 |
| - | south：29.620074 | - |

5、Time frame:2019-05-31 16:00:00+00:00--2020-09-29 16:00:00+00:00

6、Reference method

References to data:

XIONG Xiong. Dataset of alpine wetland water body physical and chemical properties background survey (2019-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Hydro.tpdc.2714872021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: XIONG Xiong
unit:
email: xxiong@ihb.ac.cn