A Big Earth Data Platform for Three Poles

**Hydrochemical characteristics of Naqu watershed in the upper reaches of Nujiang River (2020-2021)**

1、Description

In order to explore the inorganic hydrochemical characteristics of Naqu basin, river water and groundwater were collected in Naqu basin in September 2020 and September 2021. Collect river water and groundwater with 550ml plastic bottles on site. The main anions and anions (ca2+, na+, mg2+, k+, so42- and cl-) are measured with an ion chromatograph (metrohm ecoic, Switzerland), with a measurement accuracy of 1 μ G/l. Bicarbonate (hco3-) is titrated with acid-base indicator and determined with 50ml acid burette. The purpose is to reveal the inorganic hydrochemical characteristics of water bodies in Naqu basin and provide data support for the analysis of groundwater recharge sources in Naqu basin.

2、Keywords

Theme：Cations and anions,Ground Water,Groundwater chemistry,Water Quality/Water Chemistry
Discipline：Terrestrial Surface
Places：Naqu basin, Nu River, Tibetan Plateau
Time：2020-2021

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：0.12MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：33.0 | - |
| west：91.0 | - | east：93.0 |
| - | south：30.5 | - |

5、Time frame:2020-08-31 16:00:00+00:00--2021-09-19 16:00:00+00:00

6、Reference method

References to data:

CHEN Zhenghao , LIU Yaping . Hydrochemical characteristics of Naqu watershed in the upper reaches of Nujiang River (2020-2021). A Big Earth Data Platform for Three Poles, doi:10.11888/Terre.tpdc.2725722022

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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