Upper Yangtze River Scientific Data Center

**Physical, Hydrochemical and Isotopic Data Set of Karst Groundwater in the Fangquan Watershed of Jinfo Mountains, Chongqing (2022)**

1、Description

This data set includes the physical and chemical indicators, hydrogen and oxygen isotopes, and nitrogen and oxygen isotopes of the main water bodies in Chongqing Jinfo Shanshui Fangquan Valley in 2022. Except for some data that are interrupted or damaged due to equipment, the testing intervals for pH, water temperature, conductivity, and dissolved oxygen vary from 4 to 10 minutes, and the sampling and testing intervals for the main anion and cation concentrations and isotope data are about January. The data can be used for inversion of basin water source, water rock interaction, water environment change, water quality evolution, climate change and human activities, as well as comparative study of groundwater in different regions, providing basic data for basin ecological environment protection, groundwater resource assessment and groundwater pollution prevention and control.

2、Keywords

Theme：Others,ground water
Discipline：Others
Places：Jinfo Mountain
Time：2022

3、Data details

1.Scale：None

2.Projection：

3.Filesize：10.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.036 | - |
| west：107.181 | - | east：107.19 |
| - | south：29.027 | - |

5、Time frame:None--None

6、Reference method

References to data:

YANG Pingheng . Physical, Hydrochemical and Isotopic Data Set of Karst Groundwater in the Fangquan Watershed of Jinfo Mountains, Chongqing (2022). Upper Yangtze River Scientific Data Center, 2022

References to articles:

7、Supporting project information

8、Data resource provider

name: YANG Pingheng
unit: Southwest University
email: pinghengyang@126.com