A Big Earth Data Platform for Three Poles

**Shaking table model test data for counter-bedding rock slope - model and sensor layout diagram (2019-2021)**

1、Description

(1) Data content: This data set is based on the Xuelongnang landslide in the Sanjiang basin of the Qinghai-Tibet Plateau, and reconstructs the counter-bedding slope before the slide; the counter-bedding slope before the slide is used as a reference for the shaking table model test, which is used to design the shaking table model test model and the sensor layout diagram for the counter-bedding rock slope, and a special joint is set in the model slope, and the deployed sensors are the acceleration sensors and the velocity sensors. (2) Data source and processing method: The data set is drawn by Guo Mingzhu of Beijing University of Technology using CAD software. (3) The data provide reference for the subsequent shaking table model test implementation.

2、Keywords

Theme：Others,Dynamic characteristics,shaking table model test,Other,Geologic Hazard
Discipline：Terrestrial Surface,Others,Solid earth
Places：Three-rivers basin
Time：2019-2021.

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.527MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：35.9 | - |
| west：89.73 | - | east：101.03 |
| - | south：25.38 | - |

5、Time frame:2019-05-31 16:00:00+00:00--2021-07-30 16:00:00+00:00

6、Reference method

References to data:

GUO Mingzhu. Shaking table model test data for counter-bedding rock slope - model and sensor layout diagram (2019-2021). A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2721572022

References to articles:

7、Supporting project information

Catastrophic mechanisms and risk control of disastrous landslides in the Tibetan Plateau
Endogenic and exogenic geological conditions and coupling effects on the occurrence of landslide hazard

8、Data resource provider

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