A Big Earth Data Platform for Three Poles

**Shaking table model test data for bedding rock slope - model and sensor layout diagram**

1、Description

(1) Data content: This data set is based on the Xiaguiwa landslide in the Sanjiang basin of the Qinghai-Tibet Plateau, reconstructing the bedding slope of the Xiaguiwa landslide; the bedding slope of the Xiaguiwa landslide is used as a reference for shaking table model tests, which is used to design the shaking table model test model and sensor layout diagram for the bedding rock slope, with a weak rock layer in the model slope, and the sensors deployed are acceleration sensors and velocity sensors, and the measured (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：real data,Others,collapse,Dynamic characteristics,shaking table model test,landslide,Other,Geologic Hazard
Discipline：Terrestrial Surface,Others,Solid earth
Places：Sanjiang Basin
Time：2019-2021.

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：0.136MB

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 bedding rock slope - model and sensor layout diagram. A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2721662022

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

name: GUO Mingzhu
unit: Beijing University Of Technology
email: gmz@bjut.edu.cn