A Big Earth Data Platform for Three Poles

**A large database of 1230 worldwide dam cases**

1、Description

Data content: A large database of 1230 worldwide dam cases  
Data source: through literature search, classification, consolidation and compilation.  
Data quality description: classify and sort out the historical cases of weir plug dam from two aspects: qualitative description and quantitative description. The qualitative description includes the country, the name of the dam, the formation time, the type of landslide, the inducing factors, the type of dam body, the mechanism of collapse, etc; Quantitative description includes landslide volume, dam volume, dam height, dam length, dam width, barrier lake length, barrier lake volume, barrier dam life, breach depth, breach top width, breach bottom width, breach time, peak flow, casualties, etc.

2、Keywords

Theme：Natural Disaster,landslide  
Discipline：Human-nature Relationship  
Places：Global  
Time：Since 300000 years

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.6MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：0.0 | - |
| west：0.0 | - | east：0.0 |
| - | south：0.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHANG Xinhua . A large database of 1230 worldwide dam cases. A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2720772022

References to articles:

7、Supporting project information

Catastrophic mechanisms and risk control of disastrous landslides in the Tibetan Plateau

8、Data resource provider

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