A Big Earth Data Platform for Three Poles

**Map of flood hazard level of Qinghai-Tibetan Plateau (2021, 250m)**

1、Description

Based on the concept of Height Above Nearest Drainage ( HAND ) derived from the international digital elevation model, the HAND model was used to identify the flooded area, and the spatial distribution of flood hazard level in the flood area of the study area was established. Flood hazard in the study area is divided into 1-5 grades, of which 5 represent very high risk, 4 represent high risk, 3 represent medium risk, 2 represent low risk, 1 represent very low risk.

2、Keywords

Theme：risk,Natural Disaster,Flood  
Discipline：Human-nature Relationship  
Places：Tibetan Plateau himalaya  
Time：Until November 2021

3、Data details

1.Scale：None

2.Projection：GCS\_China\_Geodetic\_Coordinate\_System\_2000

3.Filesize：151.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：46.1 | - |
| west：70.84 | - | east：106.61 |
| - | south：21.15 | - |

5、Time frame:None--None

6、Reference method

References to data:

CHEN Bo. Map of flood hazard level of Qinghai-Tibetan Plateau (2021, 250m). A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2722142021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: CHEN Bo  
unit:   
email: bochen@bnu.edu.cn