A Big Earth Data Platform for Three Poles

**The historical storm surge events data(2010-2018) of the key areas along One Belt One Road**

1、Description

The historical storm surge events data of the 34 key areas along One Belt One Road were first collected from Internet and then re-processed. First, a Web crawler was coded by python language. Using several key words about storm surge, web pages were then collected by Google and Baidu search engine. Last, important information about the storm surge events (e.g., place, time, affected area, affected population, count of death) were extracted from web pages. This data can be used for risk assessment of storm surge in the 34 key areas along One Belt One Road.

2、Keywords

Theme：Natural Disaster,Disaster  
Discipline：Human-nature Relationship  
Places：Important nodes in the One Belt And One Road region  
Time：2010-2018

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.08MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：58.0 | - |
| west：-2.0 | - | east：107.0 |
| - | south：-6.0 | - |

5、Time frame:2009-12-31 16:00:00+00:00--2018-12-30 16:00:00+00:00

6、Reference method

References to data:

GE Yong, LING Feng. The historical storm surge events data(2010-2018) of the key areas along One Belt One Road. A Big Earth Data Platform for Three Poles, 2020

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

name: GE Yong  
unit: Institute of Geographic Sciences and Natural Resources Research, CAS  
email: gey@lreis.ac.cn  
  
name: LING Feng  
unit:   
email: lingfeng@apm.ac.cn