A Big Earth Data Platform for Three Poles

**Comprehensive integrated datasets over the Pan-Third Pole (1980-2020)**

1、Description

2、Keywords

Theme：Harmonized world soil database,Soil,Lake ice,Precipitation,Temperature,Frozen ground distribution,Land Use/Land Cover,Snow,Soil thickness,Precipitation amount,Lake ice,Surface pressure,Land cover change,Snowpack,Frozen Ground,Air temperature,Pressure  
Discipline：Atmosphere,Terrestrial Surface,Cryosphere  
Places：Pan-Third Pole Region  
Time：1980-2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：2873098.24MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：56.0 | - |
| west：31.0 | - | east：123.0 |
| - | south：6.0 | - |

5、Time frame:1979-12-31 16:00:00+00:00--2020-12-31 03:59:59+00:00

6、Reference method

References to data:

LI Xin, RAN Youhua, LI Hu, PAN Xiaoduo, GE Chunmei. Comprehensive integrated datasets over the Pan-Third Pole (1980-2020). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2713282021

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 Chunmei  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: gechm@lzb.ac.cn  
  
name: LI Xin  
unit:   
email: xinli@itpcas.ac.cn  
  
name: RAN Youhua  
unit:   
email: ranyh@lzb.ac.cn  
  
name: LI Hu  
unit:   
email: lihu@itpcas.ac.cn  
  
name: PAN Xiaoduo  
unit: Institute of Tibetan Plateau Research, CAS  
email: panxd@itpcas.ac.cn