A Big Earth Data Platform for Three Poles

**Arctic elevation data**

1、Description

Digital Elevation Model (DEM) is a kind of solid ground Model that represents the ground Elevation in the form of a set of ordered numerical arrays.
The arctic region within 66 ° 34 'refers to the arctic regions and parts of Greenland in the arctic.Elevation data include arctic digital dem and hillshade data in tif format.Range of 66 ° ~ 90 ° N N, the spatial resolution of 0.008 ° x 0.008 °.
The data is downloaded from NASA global elevation data
DEM describes ground elevation information, which is widely used in surveying and mapping, hydrology, meteorology, geomorphology, geology, soil, engineering construction, communication, military and other fields of national economy and national defense as well as humanities and natural sciences.

2、Keywords

Theme：Digital elevation model,Topography,The shadow of the mountain
Discipline：Terrestrial Surface
Places：Arctic
Time：2010

3、Data details

1.Scale：None

2.Projection：

3.Filesize：116.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：180.0 | - | east：-180.0 |
| - | south：60.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

National Aeronautics and Space Administration. Arctic elevation data. A Big Earth Data Platform for Three Poles, 2019

References to articles:

7、Supporting project information

CASEarth:Big Earth Data for Three Poles（grant No. XDA19070000）

8、Data resource provider

name: National Aeronautics and Space Administration
unit: National Aeronautics and Space Administration
email: NONE