A Big Earth Data Platform for Three Poles

**10m level elevation data set of Yangon deepwater port area (2019)**

1、Description

The 10m level elevation data set of Yangon deep water port area is the DEM data of the main urban area of Yangon deep water port. DEM is the abbreviation of digital elevation model, which is the important original data of watershed terrain and feature recognition. The data set can reflect the local topographic features of the main urban area of Yangon deep-water port with 10m resolution. Therefore, a large amount of surface morphological information can be extracted from the data set, which includes the slope, aspect and the relationship between cells of the basin grid. It can provide accurate topographic data and reliable verification data for the study of the main urban area of Yangon deep-water port.

2、Keywords

Theme：Digital elevation model,Topography  
Discipline：Terrestrial Surface  
Places：Burma Port, Yangon, Djibouti, Mandalay, Port of Hambantota, Port of Colombo, Taiyong Rayong Industrial Zone, Bangkok  
Time：2019-2020

3、Data details

1.Scale：10

2.Projection：WGS84

3.Filesize：205.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：17.1 | - |
| west：95.9 | - | east：96.4 |
| - | south：16.5 | - |

5、Time frame:2018-12-31 16:00:00+00:00--2019-12-30 16:00:00+00:00

6、Reference method

References to data:

GE Yong, LI Qiangzi, LI Yi. 10m level elevation data set of Yangon deepwater port area (2019). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2710532020

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

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