A Big Earth Data Platform for Three Poles

**High resolution land cover dataset of Gwadar Port, Pakistan (v2010)**

1、Description

Gwadar deep water port is located in the south of Gwadar city in the southwest of Balochistan province, Pakistan. It is 460km away from Karachi in the East and 120km away from Pakistan Iran border in the West. It is adjacent to the Arabian Sea in the Indian Ocean in the South and the Strait of Hormuz and Red Sea in the West. It is a port with strategic position far away from Muscat, capital of Oman.
This data is the land cover data of Gwadar and its surrounding areas. The data is from globeland30 with a spatial resolution of 30 meters and a data format of TIFF.
The classification images used in the development of globeland30 data set mainly include Landsat's TM5, ETM +, oli multispectral images and HJ-1 multispectral images. Using the Pok based classification method, the total volume accuracy is 83.50%, and the kappa coefficient is 0.78.

2、Keywords

Theme：Land use,Vegetation,Land Resources,Land cover
Discipline：Terrestrial Surface,Remote Sensing Technology,Human-nature Relationship
Places：Gwadar
Time：2010

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：2.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：25.84 | - |
| west：61.57 | - | east：65.32 |
| - | south：25.01 | - |

5、Time frame:2013-12-31 16:00:00+00:00--2015-12-30 16:00:00+00:00

6、Reference method

References to data:

WU Hua. High resolution land cover dataset of Gwadar Port, Pakistan (v2010). 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: WU Hua
unit: Institute of Geographic Sciences and Natural Resources Research, CAS
email: wuhua@igsnrr.ac.cn