A Big Earth Data Platform for Three Poles

**1:100,000 land use dataset of Xinjiang Uygur Autonomous Region (1980s)**

1、Description

This data was derived from "1: 100,000 Land Use Data of China". Based on Landsat MSS, TM and ETM remote sensing data, 1: 100,000 Land Use Data of China was compiled within three years by a remote sensing scientific and technological team of 19 research institutes affiliated to the Chinese Academy of Sciences, which was organized by the “Remote Sensing Macroinvestigation and Dynamic Research on the National Resources and Environment", one of the major application programs in Chinese Academy of Sciences during the "Eighth Five-year Plan". This data adopts a hierarchical land cover classification system, which divides the country into 6 first-class categories (cultivated land, forest land, grassland, water area, urban and rural areas, industrial and mining areas, residential land and unused land) and 31 second-class categories. This is the most accurate land use data product in our country at present. It has already played an important role in national land resources survey, hydrology and ecological research.

2、Keywords

Theme：land cover,Land use,Land Resources
Discipline：Human-nature Relationship
Places：Western China, Xinjiang Uygur Autonomous Region
Time：Late 1980s

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：145.0MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：49.2 | - |
| west：73.3 | - | east：96.5 |
| - | south：35.5 | - |

5、Time frame:None--None

6、Reference method

References to data:

WU Shixin, LIU Jiyuan, ZHOU Wancun, ZHUANG Dafang, WANG Jianhua. 1:100,000 land use dataset of Xinjiang Uygur Autonomous Region (1980s). A Big Earth Data Platform for Three Poles, doi:10.11888/Geogra.tpdc.2706472013

References to articles:

Liu, J.Y., Liu, M.L., Zhuang, D.F., Zhang, Z.X., & Deng, X.Z. (2003). Study on spatial pattern of land-use change in China during 1995—2000, Science in China (D), 46(4), 373-384.

7、Supporting project information

8、Data resource provider

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