A Big Earth Data Platform for Three Poles

**1:100,000 land use dataset of Gansu Province (1980s)**

1、Description

This data is from "China 1:100,000 land use data".China 1:100,000 land use data was constructed in three years based on Landsat MSS, TM and ETM remote sensing data by using satellite remote sensing as a means to organize remote sensing science and technology teams from 19 institutes affiliated to the Chinese academy of sciences (cas) in the "eighth five-year plan" major application project "national macro survey and dynamic research on remote sensing of resources and environment".
The 1:100,000 land use data set in gansu province adopts a hierarchical land cover classification system, which divides the whole country into 6 primary categories (arable land, forest land, grassland, water area, urban and rural areas, industrial and mining areas, residential land and unused land) and 31 secondary categories.It is the most accurate land use data product in China and has played an important role in national land resource survey, hydrological and ecological research.

2、Keywords

Theme：Land use,Land Use/Land Cover,Land Resources
Discipline：Terrestrial Surface,Human-nature Relationship
Places：Western China, Gansu Province
Time：1980s

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：175.0MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：92.0 | - | east：109.0 |
| - | south：32.0 | - |

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 Gansu Province (1980s). A Big Earth Data Platform for Three Poles, doi:10.11888/Socioeco.tpdc.2709662013

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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