A Big Earth Data Platform for Three Poles

**1:100000 landuse dataset of Hunan (2000)**

1、Description

This data comes from "China's 1:100000 land use data". China's 1:100000 land use data is constructed in three years based on LANDSAT MSS, TM and ETM Remote sensing data by means of satellite remote sensing, organized by 19 research institutes affiliated to the Chinese Academy of Sciences under the national macro survey and dynamic research on remote sensing of resources and environment, a major application project of the eighth five year plan of the Chinese Academy of Sciences. Using a hierarchical land cover classification system, this data divides the whole country into six first-class categories (cultivated land, forest land, grassland, water area, urban and rural areas, industrial and mining land, residential land and unused land), and 31 second-class categories. This is the most accurate land use data product in China, which has played an important role in the 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：Hunan province  
Time：2000

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：27.2MB

4.Data format：矢量

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：29.84 | - |
| west：108.18 | - | east：114.6 |
| - | south：24.93 | - |

5、Time frame:2000-01-07 16:00:00+00:00--2001-01-07 03:59:59+00:00

6、Reference method

References to data:

WU Shixin, LIU Jiyuan, ZHOU Wancun, ZHUANG Dafang, WANG Jianhua. 1:100000 landuse dataset of Hunan (2000). A Big Earth Data Platform for Three Poles, doi:10.11888/Socioeco.tpdc.2706602014

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

name: LIU Jiyuan  
unit: Instiute of Geographic Sciences and Natural Resources Research, CAS  
email: liujy@igsnrr.ac.cn  
  
name: WANG Jianhua  
unit: Cold and Arid Regions Environmental and Engineering Research Institute, Chinese Academy of Sciences  
email: jhwang@lzb.ac.cn  
  
name: ZHOU Wancun  
unit:   
email:   
  
name: WU Shixin  
unit:   
email:   
  
name: ZHUANG Dafang  
unit:   
email: zhuangdf@lreis.ac.cn