Upper Yangtze River Scientific Data Center

**30m GLC\_ FCS30 Land Cover Data Set in Southwest China (1985-2020)**

1、Description

The surface coverage fine product (GLC\_FCS30) developed by Liu Liangyun's project from 1985 to 2020 takes the global 30 meter surface coverage fine classification product (GLC\_FCS30-2020) newly developed by the research group in 2020 as the benchmark data. The product proposes a long-term dynamic monitoring scheme for surface coverage that combines coupling change detection and dynamic update, Using all Landsat satellite data (Landsat TM, ETM+and OLI) from 1984 to 2020, the dynamic monitoring products of global 30 meter fine ground cover from 1985 to 2020 were produced. Following the classification system of 2020 benchmark data, there are 29 types of ground cover, and the update cycle is 5 years

2、Keywords

Theme：Land Use/Land Cover,Land cover pattern,Land cover change  
Discipline：Terrestrial Surface  
Places：Southwest China  
Time：1985-2020

3、Data details

1.Scale：None

2.Projection：WGS84

3.Filesize：6050.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：34.5 | - |
| west：97.0 | - | east：112.5 |
| - | south：20.5 | - |

5、Time frame:1984-12-31 16:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

Liu Liangyun. 30m GLC\_ FCS30 Land Cover Data Set in Southwest China (1985-2020). Upper Yangtze River Scientific Data Center, doi:10.12237/casearth.6123651428a58f70c2a51e492022

References to articles:

7、Supporting project information

8、Data resource provider

name: Liu Liangyun  
unit:   
email: