A Big Earth Data Platform for Three Poles

**Land cover future scenario data of Heihe River Basin (2040, 2070, 2011)**

1、Description

This dataset provides the estimated results of land cover change (IGBP classification) in 2040, 2070 and 2100 of Heihe River under the latest cmip5 based greenhouse gas emission scenario RCPs (representative concentration pathways). Spatial resolution: 1km. Time period: RCP (2.6, 4.5, 8.5) three scenarios, each scenario corresponding to three time periods: t1:2040, t2:2070, t3:2100.

File naming rules: take "HLCs rcp26\_" as an example to explain: in the naming, "HLCs" refers to the land cover scenario of Heihe River Basin, rcp26 refers to the rcp2.6 scenario of cmip5, "\_40" refers to the future scenario period of 2040, the complete file name means the land cover prediction data of Heihe River Basin in 2040 under the rcp26 scenario, and so on.

2、Keywords

Theme：land cover,Land Resources
Discipline：Human-nature Relationship
Places：Heihe River Basin
Time：

3、Data details

1.Scale：10000

2.Projection：4326

3.Filesize：5.0MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：42.0 | - |
| west：98.0 | - | east：101.0 |
| - | south：38.0 | - |

5、Time frame:2040-07-11 07:56:00+00:00--2101-07-10 16:00:00+00:00

6、Reference method

References to data:

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7、Supporting project information

8、Data resource provider

name: YUE Tianxiang
unit: Institute of Geographic Sciences and Natural Resources Research,Chinese Academy of Sciences
email: yue@lreis.ac.cn

name: FAN Zemeng
unit:
email: fanzm@lreis.ac.cn