A Big Earth Data Platform for Three Poles

**Traffic and pipeline data sets of China-Mongolia-Russia Economic Corridor in 1990- 2020（Arcgis 10.2）**

1、Description

Spatial distribution map of roads, railways and pipelines in China Mongolia Russia economic corridor from 1990 to 2020  
1) Spatial data of highway, railway and pipeline in 1990; Spatial data of roads, railways and pipelines in China Mongolia Russia economic corridor in 2015; Spatial data of roads, railways and pipelines in China Mongolia Russia economic corridor in 2020;  
2) Download the remote sensing images within the China Mongolia Russia economic corridor on NASA website and use arcgis10 2 software manual interpretation and extraction of highway and railway; Map elements are marked with the help of Russian atlas; The pipeline data shall be manually marked with reference to relevant maps;  
3) The scale of the atlas is 1:2500000, which clearly reflects the changes of traffic and pipelines in the China Mongolia Russia economic corridor in recent 30 years,;  
4) The data shows in detail the changes of traffic and pipelines in the China Mongolia Russia economic corridor in recent 30 years, which provides a data basis for the later study of the impact of traffic and pipeline construction on the change of ecological environment.

2、Keywords

Theme：Traffic,Road,Railway,Infrastructure  
Discipline：Human-nature Relationship  
Places：China-mongolia-russia Economic Corridor  
Time：1990-2020

3、Data details

1.Scale：4000000

2.Projection：

3.Filesize：43.12MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：58.425 | - |
| west：54.451 | - | east：135.187 |
| - | south：37.497 | - |

5、Time frame:1990-06-30 15:00:00+00:00--2020-12-30 16:00:00+00:00

6、Reference method

References to data:

BU Xiaoyan . Traffic and pipeline data sets of China-Mongolia-Russia Economic Corridor in 1990- 2020（Arcgis 10.2）. A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2723172022

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program

8、Data resource provider

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