

## **Surface vegetation coverage data in Mongolian Plateau**

### **Data Documentation**

#### **I. Dataset/atlas content features**

##### **i. Abstract**

The Mongolian Plateau, as the largest arid and semiarid Plateau in Northern hemisphere, plays an important role in the climate changes and sustainable development of the ecological environment. This dataset provides the surface vegetation coverage from 1981 to 2012 in Mongolia plateau, which is based on vegetation index date. It includes NDVI-Path Finder dates from 1981 to 1999 and MODIS data from 2000 to 2012. The overall accuracy of the data set is 75%.

##### **ii. Elements (content fields)**

This dataset provides the surface vegetation coverage from 1981 to 2012 in Mongolia plateau, which is based on vegetation index date. It includes NDVI-PathFinder dates from 1981 to 1999 and MODIS data from 2000 to 2012.

##### **iii. Temporal cover**

1981-2012

##### **iv. Spatial cover**

The Mongolian Plateau

#### **II. Subject/industry scope of dataset/atlas**

##### **i. Subject scope**

Geography .

##### **ii. Industry scope**

##### **iii. Other classifications (optional)**

#### **III. Accuracy of dataset/atlas**

##### **i. Time frequency**

##### **ii. Spatial reference, accuracy, and granularity**

#### **IV. Dataset/atlas storage management**

##### **i. Data quantity**

2938.9 MB

##### **ii. Type format**

The Mongolian Plateau

##### **iii. Update management**

Irregular updates

#### **V. Quality control of the dataset/atlas**

##### **i. Production mode**

##### **ii. Data sources (condition selection)**

##### **iii. Methods of the data acquisition and processing (condition selection)**

#### **VI. Sharing and usage method of the dataset/atlas**

##### **i. Sharing methods and restrictions**

Fully opened sharing

##### **ii. Contact information of the sharing service (condition selection)**

Contact Information for Service:

Name: Service group of Disaster Risk Reduction Knowledge Service System of IKCEST

Address: A11 Datun Road, Chaoyang District, Beijing

Zip Code: 100101

E-mail: ikcest-drr@lreis.ac.cn

**iii. Conditions and methods of usage**

**VII. Intellectual property rights of the dataset/atlas**

**i. Property rights (optional)**

The property of the dataset belongs to the Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences

**ii. Reference method of the dataset/atlas**

Surface vegetation Coverage data in Mongolia Plateau. Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO, 2014.12.30. <http://drr.ikcest.org/info/14e0>.

**iii. Usage contacts of the datasets/atlas**

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Address: A11 Datun Road, Chaoyang District, Beijing .

Postcode: 100101

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**VIII. Others (optional)**

In addition to the above, other information must also be explained.

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