

NDVI Vegetation time series data (1998-2012) 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. NDVI vegetation time series data in Mongolia Plateau has significant for regional and global environment change study. This data set contains 1059 HDF files, with a resolution of 1000 meters, coordinate type of WGS-84, and projection using Albers projection. It was clipped from SPOTVGT d10 remote sensing data for global vegetation cover. The data set can be used to support Mongolian vegetation distribution and change studies.

ii. Elements (content fields)

iii. Temporal cover

1998-2012

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

This data set contains 1059 HDF files, with a resolution of 1000 meters, coordinate type of WGS-84, and projection using Albers projection.

IV. Dataset/atlas storage management

i. Data quantity

41369.6 MB

ii. Type format

Imagery

iii. Update management

Irregular updates

V. Quality control of the dataset/atlas

i. Production mode

ii. Data sources (condition selection)

The data set can be used to support Mongolian vegetation distribution and change studies.

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

NDVI Vegetation time series data (1998-2012) in Mongolian 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/6cb4>.

iii. Usage contacts of the datasets/atlas

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VIII. Others (optional)

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

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