

Vegetation Phenology Data Set of China-Pakistan Economic Corridor

Data Documentation

I. Dataset/atlas content features

i. Abstract

Vegetation phenology refers to the record of the time law of vegetation growth, flowering, leaf development and fruit setting. The vegetation phenology data set of China Pakistan Economic Corridor is extracted based on long time series vegetation index data, with spatial resolution of 1km and time span from 1990 to 2015. There are 7 kinds of phenological parameters, which are start-of-season time, end-of-season, length of season, left derivative, right derivative, amplitude and large integra.

ii. Elements (content fields)

iii. Temporal cover

Time range of this data set: 1990-2015

iv. Spatial cover

This data set covers China Pakistan Economic Corridor in space.

II. Subject/industry scope of dataset/atlas

i. Subject scope

Geography

ii. Industry scope

Vegetation Phenology

iii. Other classifications (optional)

(Other categories can be applied, but should reflect the dataset/atlas characteristics.)

III. Accuracy of dataset/atlas

i. Time frequency

Yearly

ii. Spatial reference, accuracy, and granularity

The spatial reference of this dataset is GCS_WGS_1984, the accuracy is once, the spatial resolution is 1000m and the granularity is site.

IV. Dataset/atlas storage management

i. Data quantity

The data quantity is 75.8M.

ii. Type format

The dataset is stored as a hard disk, and the data structure type is raster file.

iii. Update management

Updated annually

V. Quality control of the dataset/atlas

i. Production mode

ii. Data sources (condition selection)

Website demographic data.

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 shared

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

The service is as follows:

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Mailing

address:

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iii. Conditions and methods of usage

Open ArcGIS and ENVI software.

VII. Intellectual property rights of the dataset/atlas

i. Property rights (optional)

“Vegetation Phenology Data Set of China Pakistan Economic Corridor” owned by institute of geographic sciences and natural resources research, CAS.

ii. Reference method of the dataset/atlas

Vegetation Phenology Data Set of China-Pakistan Economic Corridor. Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO, 2020.12.28. URL

iii. Usage contacts of the datasets/atlas

Contact person

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VIII. Others (optional)

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

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