

**Dataset of precipitation from 1980 to 2010 in China, Russia and Mongolia****Data Documentation****I. Dataset/atlas content features****i. Abstract**

This dataset provides average annual precipitation spatial interpolation datas of China, Russia and Mongolia from 1980 to 2010. This precipitation dataset is intended to support climatologists, hydrologists, hydrometeorologists, and hydroclimatologists in various forms of climate research, including extreme event (flood and drought) analysis. It is based on the NCDC gsod global precipitation dataset <http://www.ncdc.noaa.gov>.

**ii. Elements (content fields)**

This dataset provides average annual precipitation spatial interpolation datas of China, Russia and Mongolia from 1980 to 2010.

Table 1 Description of data element content

Data name	Item (field)	Field name in Chinese	Field measure unit	Field code description	Remarks
precipitation	precipitation	降水			

**iii. Temporal cover**

1980-2010

**iv. Spatial cover**

China, Russia and Mongolia

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

Basic Geography information

**ii. Industry scope**

Environmental and Textile

**iii. Other classifications (optional)****III. Accuracy of dataset/atlas****i. Time frequency**

Yearly

**ii. Spatial reference, accuracy, and granularity****IV. Dataset/atlas storage management****i. Data quantity**

The volume of the dataset is 7352.32 MB.

**ii. Type format**

This dataset was stored in hard disk with formats of Grid.

**iii. Update management**

Unscheduled update.

**V. Quality control of the dataset/atlas****i. Production mode**

This data is generated by general spline interpolation.

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

This dataset is based on NCDC gsod global precipitation dataset <http://www.ncdc.noaa.gov>.

**VI. Sharing and usage method of the dataset/atlas****i. Sharing methods and restrictions**

Open sharing.

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

Online link address: <http://drr.ikcest.org/info/12db>

Contact Information for Service:

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

Address: 11A, Datun Road, Chaoyang District, Beijing, 100101, China, Institute of Geographic Sciences and Natural Resources Research, CAS.

Zip Code: 100101

E-mail: [ikcest-drr@lreis.ac.cn](mailto:ikcest-drr@lreis.ac.cn)

**iii. Conditions and methods of usage**

This dataset can be opened using ArcGIS.

**VII. Intellectual property rights of the dataset/atlas****i. Property rights (optional)**

Intellectual property of the dataset belonged to Institute of Geographic Sciences and Natural Resources Research, CAS.

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

Dataset of precipitation from 1980 to 2010 in China and Russia. 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/12db>.

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

Name: Service group of Disaster Risk Reduction Knowledge Service sub-platform of IKCEST

Address: 11A, Datun Road, Chaoyang District, Beijing, 100101, China, Institute of Geographic Sciences and Natural Resources Research, CAS.

Zip Code: 100101

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**VIII. Others (optional)**

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

Data documentation author information			
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