Dataset of temperature from 1980 to 2010 between China, Russia and Mongolia

Data Documentation

I. Dataset/atlas content features

i. Abstract

This dataset provides average temperature spatial interpolation datas of China, Russian, Mongolia from 1980 to 2010. The spatial resolution of datas are 1KM. The dates take a single band coverage data format,respectively. It is based on the NCDC gsod global temperature data set http://www.ncdc.noaa.gov .

ii. Elements (content fields)

This dataset provides average temperature spatial interpolation datas of China, Russian, 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
temperature	temperature	温度			

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

The spatial resolution of this dataset is 1KM

IV. Dataset/atlas storage management

i. Data quantity

The volume of the dataset is 7464.96 MB .

ii. Type format

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

iii. Update management

Irregular 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 temperature dataset   http://www.ncdc.noaa.gov/cgi-

bin/res40.pl?page=gsod.html.

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/fceb

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

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 temperature from 1980 to 2010 between 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/fceb.

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

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

VIII. Others (optional)

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

Data documentation author information			
Data documentation author	Zhuang Dafang	Update time	2014-12-30
Organization	Institute of Geographic Sciences and Natural Resources Research, CAS		
Contact information	Email		
Address	11A, Datun Road, Chaoyang District, Beijing, 100101, China	Postcode	100101
Telephone	010-64889048-8006	E-mail	ikcest-drr@lreis.ac.cn