Debris flow disaster data of 1949-2016 in Beijing

Data Documentation

I. Dataset/atlas content features

i.Abstract

TThe main contents of the Debris Flow Disaster in Beijing are the debris flow disaster since 1949, including the date of the debris flow disaster in the city of Beijing, the casualty,the house damage,etc.

ii.Elements (content fields)

Table 1 Description of data element content

Data name	Item (field)	Field name in Chinese	Field measure unit	Field code description	Remarks
Debris Flow Disaster in Beijing	date	Shijian			
Debris Flow Disaster in Beijing	casualty	Shangwangrenshu			
Debris Flow Disaster in Beijing	house damage	Sunhuifangwu			

iii.Temporal cover

The time of this dataset is 1949-2016.6.18

iv.Spatial cover

Beijing urban area.

II. Subject/industry scope of dataset/atlas

i.Subject scope

170 Geosciences 17015 Atmosphere Science 1701535 Climatology
560 Civil Engineering and Building Construction 56015 Basic Disciplines of Civil Engineering and Building Construction 5601530 Architectural Meteorology
560 Civil Engineering and Building Construction 56055 Municipal Engineering
570 Hydraulic Engineering 57065 Flood Control 5706510 Flood Control
5706520 Flood Prevention
610 Environmental Science and Technology and Resource Science and Technology, 61010 Basic Science of Environmental Science and Technology, 6101025 Environmental Meteorology.

ii.Industry scope

F Transportation, Warehousing and Postal Services, 51 Railway Transportation Industry 52 Road Transportation Industry 53City Public Transportation Industry 54 Water Transportation Industry
55 Air Transportation Industry
M Scientific Research, Technical Services and Geological Prospecting Industry, 7610 Meteorological

Services 7673 Planning Management
N Water Conservancy, Environment and Public Facilities Management Industry, 7910 Food Control Management 8110 Municipal Public Facilities Management

III. Accuracy of dataset/atlas

i.Time frequency

(Time frequency is the representation content of datasets/atlas' time frequency, such as multi-year average, average, monthly, daily, yearly, month by month, day or hour.)

ii.Spatial reference, accuracy, and granularity

(This part is the spatial reference, accuracy, and granularity of datasets/atlas. The spatial reference includes coordinate system, projection mode, elevation system, etc. Spatial accuracy means the vector data scale or raster data resolution, etc. Spatial granularity is in accordance with the continent, the state, province, county, and other divisions.)

IV. Dataset/atlas storage management

i.Data quantity

0.0100MB

ii.Type format

The dataset is stored in the hard disk and it is table data

iii.Update management

Dataset update plan: Aperiodic updating.

V. Quality control of the dataset/atlas

i.Production mode

Data of debris flow disaster in Beijing in （1949-Now） was obtained based on
Geological And Meteorological Disasters
China Geological Environment Information Network http://www.cigem.gov.cn/
China Meteorological Calamity Code (Beijing volume)and electronic, digital, integrated conversion, standardized processing, computational simulation.

ii.Data sources (condition selection)

Source of data source: Li Ma,Cui Peng,Zhou Guobing,Gao Kechang.Geological And Meteorological Disasters [M].Beijing:Meteorological Press
China Geological Environment Information Network http://www.cigem.gov.cn/
Kegang Wen.China Meteorological Disaster Code (Beijing volume) [M]. Beijing:Meteorological Press, 2005.12.

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

Acquisition method: Book sorting on the net and field survey.
Processing method: Data registration and Object-oriented classification method.

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：No. 46,Zhongguancun South Street, Haidian District, Beijing

iii.Conditions and methods of usage

The dataset can be read by excel software

VII. Intellectual property rights of the dataset/atlas

i.Property rights (optional)

Dataset ownership information:Institute of Geographic Sciences and Natural Resources Research, CAS

ii.Reference method of the dataset/atlas

<*Debris Flow Disaster in Beijing* Dataset/Institute of Geographic Sciences and Natural Resources Research, CAS>

iii.Usage contacts of the datasets/atlas

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

Address: A11 Datun Road, Chaoyang District, Beijing .

Postcode: 100101

Telephone: 010-64889048-8006

Email: ikcest-drr@lreis.ac.cn

VIII. Others (optional)

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

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