Hail disaster in Shanghai 1917-1998

Data Documentation

I. Dataset/atlas content features

i. Abstract

The main content of the Shanghai Hail Disaster Collection is the major hail disaster from 1917 to 1998, mainly including the time point or time period of the occurrence of hail in Shanghai, and the degree of hail.

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
hail disaster in Shanghai	Time	Shijian			
hail disaster in Shanghai	Site	Zhandian			
hail disaster in Shanghai	Degree	Chengdu			

iii. Temporal cover

The time of this dataset is 1917.05.03- 1998.08.09

iv. Spatial cover

Shanghai 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

0.0103MB

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 hail in Shanghai in（1917-1998）was obtained based on
China Meteorological Calamity Code (Shanghai volume)

ii.Data sources (condition selection)

Source of data source:

Kegang Wen.China Meteorological Disaster Code (Shanghai volume) [M]. Beijing:Meteorological Press, 2008.12.

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：Editorial board of the China Meteorological Calamity code

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)

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

Hail disaster in shanghai 1917-1998.Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO,2019.04.01.http://drr.ikcest.org/info/9e26f.

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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