

The flood disaster database of Songliao basin in northeast of China

Data Documentation

I. Dataset/atlas content features

i. Abstract

Based on the reconnaissance and analysis technology, the format tables for flood disaster data of Songliao basin are preceded and sorted through data collection and analysis. The initial information had been preceded and finished with excluding irrelevant contents and leaving the relevant parameter information to meet the requirements of database. Finally, performing quality control measures have been taken, including self- checking and checking again by others. The assemble database which is after sorting is made into a file library. The disaster cases, causes and affection of flood, rainstorm, typhoon were extracted from the file library to build the flood disaster database of Songliao basin.

Elements (content fields)

ii. Temporal cover

2001-2013

iii. Spatial cover

II. Songliao basin(38°43'~53°30'N, 115°30'~135°30'E)

III. Subject/industry scope of dataset/atlas

i. Subject scope

Environmental and Textile

Industry scope

ii. Other classifications (optional)

IV. Accuracy of dataset/atlas

i. Time frequency

Irregular updates

ii. Spatial reference, accuracy, and granularity

V. Dataset/atlas storage management

i. Data quantity

ii. Type format

iii. Update management

Updated from time to time.

VI. Quality control of the dataset/atlas

i. Production mode

The data set is calculated and interpolated from meteorological station data.

ii. Data sources (condition selection)

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

VII. 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:

Name: Bu Kun

Mailing address: Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences

Zip code: 130102

E-mail: bukun@osgeo.cn

Conditions and methods of usage

Use ArcGIS, ENVI and other software to open.

VIII. Intellectual property rights of the dataset/atlas

i. Property rights (optional)

ii. Reference method of the dataset/atlas

The flood disaster database of Songliao basin in northeast of China. Disaster Risk Reduction Knowledge Service of International Knowledge Centre for Engineering Sciences and Technology (IKCEST) under the Auspices of UNESCO, 2017.11.10.

<http://drr.ikcest.org/info/9487a>

iii. Usage contacts of the datasets/atlas

Contact person

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IX. Others (optional)

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

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