

The hydrologic 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 data set is made up of the reconnaissance and analysis results and the interpretation of remote sensing, and the spatial reference (projection and coordinate system) is Albers. The survey results images are derived and read in software ArcMap, using a variety of tools for a map, based on the scale of standard framing way of interpretation, the formation of vector data is formed into the file. Finally, the data is exported in the vector file. The hydrologic data of river, lake, reservoir and the basin range were extracted from the file library to build the hydrologic database of Songliao basin.

ii. Temporal cover

2001-2017

iii. Spatial cover

Songliao basin($38^{\circ} 43' \sim 53^{\circ} 30' N$, $115^{\circ} 30' \sim 135^{\circ} 30' E$)

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

Environmental and Textile

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

Irregular updates

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

4.9 MB

ii. Type format

The data set is stored on hard disk, and the data structure type is raster data.

iii. Update management

Updated from time to time.

V. 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)****VI. 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.

VII. Intellectual property rights of the dataset/atlas

i. Property rights (optional)

ii. Reference method of the dataset/atlas

The hydrologic 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/99c36>

iii. Usage contacts of the datasets/atlas

Contact person

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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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