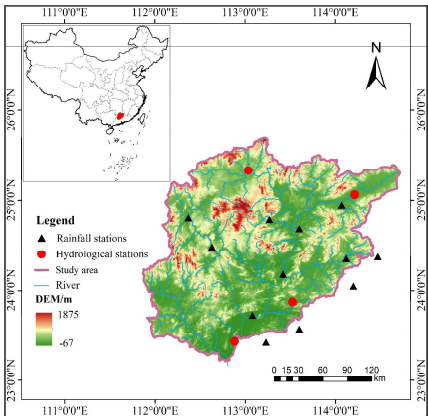


DATA.xlsx

Excel File



Tags

Rainfall data, runoff data

Summary

The study area is the Beiji River Basin in China, and the data from this file is used as input and output for the deep learning model.

Description

The data file consists of two parts. Columns 1 through 18 are the input dataset and columns 20 through 21 are the output dataset covering the 80 rainfall field data used for the study. In the input dataset, column 1 is time, columns 2 through 14 are rainfall data from rainfall stations, and columns 15 through 18 are runoff data from hydrologic stations. The numerical numbers 0 through 16 are the numbers of the rainfall and hydrologic stations. The unit of rainfall data is 0.1 mm/h and the unit of runoff data is cubic meters per second. In the output dataset, column 20 is the time and column 21 is the runoff data from the downstream hydrological station in cubic meters per second.

Credits

Hao Huang, Zhaoli Wang, Yaoxing Liao, Weizhi Gao, Chengguang Lai, Xushu Wu, Zhaoyang Zeng

Use limitations

There are no access and use limitations for this item.

Extent

West 112.0 **East** 114.7
North 25.7 **South** 23.1

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:625,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE climatologyMeteorologyAtmosphere, inlandWaters, location

* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

THEME KEYWORDS Rainfall data

THEME KEYWORDS Runoff data

[Hide Topics and Keywords ▲](#)

Citation ►

* TITLE DATA.xlsx
ALTERNATE TITLES Datasets used for the study
CREATION DATE 1973-04-06 00:00:00
PUBLICATION DATE 2007-06-17 20:00:00
REVISION DATE 2024-09-13 00:00:00

EDITION 1
EDITION DATE 2024-09-13

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY
INDIVIDUAL'S NAME Hao Huang
ORGANIZATION'S NAME School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China
CONTACT'S POSITION School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China
CONTACT'S ROLE author

[Hide Citation Contacts ▲](#)

Locales ►

LOCALE English (CHINA)

[Hide Locales ▲](#)

Resource Details ►

DATASET LANGUAGES English (CHINA)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going
SPATIAL REPRESENTATION TYPE * text table

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.0.12790

CREDITS
Hao Huang, Zhaoli Wang, Yaoxing Liao, Weizhi Gao, Chengguang Lai, Xushu Wu, Zhaoyang Zeng

ARCGIS ITEM PROPERTIES
* NAME DATA.xlsx

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

The study area is the Beijiang River Basin in China.

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE 112.0

EAST LONGITUDE 114.7

SOUTH LATITUDE 23.1

NORTH LATITUDE 25.7

EXTENT CONTAINS THE RESOURCE Yes

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

WEST LONGITUDE 112.0

EAST LONGITUDE 114.7

NORTH LATITUDE 25.7

SOUTH LATITUDE 23.1

EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Hao Huang

ORGANIZATION'S NAME School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China

CONTACT'S POSITION School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China

CONTACT'S ROLE author

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Distribution ►

DISTRIBUTION FORMAT

* NAME Excel File

VERSION xlsx

Hide Distribution ▲

Metadata Details ►

METADATA LANGUAGE English (CHINA)

* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 85E81802-C070-45E5-9CEA-AF7FC4B07027

SCOPE OF THE DATA DESCRIBED BY THE METADATA * non-geographic dataset
SCOPE NAME * dataset

* LAST UPDATE 2024-09-13

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE ISO 19139 Metadata Implementation Specification
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2024-09-13 13:48:56
LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-09-13 16:49:54

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2024-09-13 16:49:54

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Hao Huang
ORGANIZATION'S NAME School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China
CONTACT'S POSITION School of Civil Engineering and Transportation, South China University of Technology, Guangzhou 510641, China
CONTACT'S ROLE author

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

SCOPE OF THE UPDATES dataset

[Hide Metadata Maintenance ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)