



Urban roughness database in JAPAN

1. IDENTIFICATION INFORMATION

Name	Urban roughness database in JAPAN
Edition	ver.2.0
Metadata Identifier	Urban_roughness20200901174004-DIAS20200901154929-en

2. CONTACT

2.1 CONTACT on DATASET

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2.2 CONTACT on PROJECT

2.2.1 Data Integration and Analysis System

Name	DIAS Office
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4. DATASET CREATOR

Name	Kanda lab.
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5. DATE OF THIS DOCUMENT

2020-09-01

6. DATE OF DATASET

revision : 2014-03-31

7. DATASET OVERVIEW

7.1 Abstract

This is the urban roughness database in JAPAN, roughness length for momentum, displacement height, and sky view factor with 0.01 degree spatial resolution.

7.2 Topic Category(IS019139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	2013-12-24
End Date	Under Continuation

7.4 Geographic Bounding Box

North latitude bound	45.52
West longitude bound	124.14
Eastbound longitude	153.98
South latitude bound	24.34

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
row	XX	0.01 (deg)
column	XX	0.01 (deg)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Land Surface > Topography > Surface Roughness	GCMD_science

7.7.2 Keywords on Project

7.7.2.1 Data Integration and Analysis System

Keyword Type	Keyword	Keyword thesaurus Name
theme	DIAS > Data Integration and Analysis System	No_Dictionary

7.8 Online Resource

You can download the data with the following URL. : https://dl.dropboxusercontent.com/u/76785677/Kanda_lab_urban_morphological_database.zip

You can download the data from DIAS : <https://data.diasjp.net/dl/storages/filelist/dataset:213>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
csv	ver2.0	longitude, latitude, meshID, value

8. DATA PROCESSING

9. DATA REMARKS

10. LICENSE

10.1 Data Policy by the Data Provider

This is the temporal version. We Person who want to use the data should contact us with your affiliation, and purpose.

kanda.m.aa@m.titech.ac.jp

Professor

Manabu Kanda

10.2 Data Policy by the Project

10.2.1 Data Integration and Analysis System

If data provider does not have data policy, DIAS Terms of Service (<https://diasjp.net/en/policy/>) and DIAS Privacy Policy (<https://diasjp.net/en/privacypolicy/>) apply.

If there is a conflict between DIAS Terms of Service and data provider's policy, the data provider's policy shall prevail.

11. DATA SOURCE ACKNOWLEDGEMENT

11.1 Acknowledge the Data Provider

Takuya MAKABE, Makoto NAKAYOSHI, Alvin VARQUEZ, and Manabu KANDA: DATABASE OF METEOROLOGICAL URBAN GEOMETRIC PARAMETERS OF JAPAN AND EXTENSION TO GLOBAL SCALE, The 58th conference on Hydraulic Engineering, 2014

11.2 Acknowledge the Project

11.2.1 Data Integration and Analysis System

If you plan to use this dataset for a conference presentation, paper, journal article, or report etc., please include acknowledgments referred to following examples. If the data provider describes examples of acknowledgments, include them as well.

”We used the [name of dataset] provided by [name of data provider] in this study. This dataset was collected and provided under the Data Integration and Analysis System (DIAS, Project No. JPMXD0716808999), which has been developed and operated by the Ministry of Education, Culture, Sports, Science and Technology (MEXT).”

12. DISCLAIMER

12.1 Disclaimer of Project

12.1.1 Data Integration and Analysis System

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13. REFERENCES

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