S5_3_WRF dataset

1. IDENTIFICATION INFORMATION

Name	S5_3_WRF dataset
Metadata Identifier	S5_3_WRF20230727083839-DIAS20221121113753-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

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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

publication : 2014-08-01

7. DATASET OVERVIEW

7.1 Abstract

Current climate scenario from Regional Climate Model WRF (boundary condition: JRA25、MIROC3 20c3m) and future climate scenario (boundary condition: MIROC3 A1b scenario) over the area of Japan.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1981-01-01
End Date	2100-12-31
Temporal Characteristics	Hourly

7.4 Geographic Bounding Box

North bound latitude	47.5
West bound longitude	148
Eastbound longitude	125
South bound latitude	25

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
row	129	20 (km)
column	139	20 (km)
vertical	5	varies (hPa)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	GLOBAL CHANGE > Regional climate change, GLOBAL CHANGE > Global climate models, ATMOSPHERIC PROCESSES > Climate change and variability, ATMOSPHERIC PROCESSES > Climatology, ATMOSPHERIC PROCESSES > Regional modeling	AGU
theme	Models > GCM	GCMD_platform
theme	Climate	GEOSS
place	Asia > Eastern Asia > Japan	Country
theme	Regional Climate Scenario, S5-3, multi-model ensemble, dynamical downscaling	others

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

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification

8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

The content of this dataset should not be redistributed without permission, and should not be used for commercial purposes.

The source should be properly acknowledged in any work obtained with this dataset.

The creators of this data set are not responsible for any loss or damage caused by using this dataset.

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/terms/) and DIAS Privacy Policy (https://diasjp.net/en/privacy/) apply.

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

11. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge the Data Provider

12.2 Acknowledge the Project

12.2.1 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.

" In this study, [Name of Dataset] provided by [Name of Data Provider] was utilized. This dataset was also collected and provided under the Data Integration and Analysis System (DIAS), which was developed and operated by a project supported by the Ministry of Education, Culture, Sports, Science and Technology. "

13. REFERENCES

Noriko N. Ishizaki, Izuru Takayabu, Mitsuo Ooizumi, Hidetaka Sasaki, Koji Dairaku, Satoshi Iizuka, Fujio Kimura, Hiroyuki Kusaka, Sachiho A. Adachi, Kazuo Kurihara, Kazuyo Murazaki, and Kenji Tanaka (2012): Improved Performance of Simulated Japanese Climate with a multi-model ensemble, Journal of Meteorological Society Japan , 90, 235-254.