

1. IDENTIFICATION INFORMATION

Name	S5_3_NHRCM
Abbreviation	S5_3_NHRCM
Metadata Identifier	S5_3_NHRCM20221122143426-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

2022-11-22

6. DATE OF DATASET

publication : 2014-08-__

7. DATASET OVERVIEW

7.1 Abstract

Dynamical downscaling products using a regional climate model NHRCM for the current climate (boundary condition: JRA25, MIROC3 20C3M) and future climate (boundary condition: MIROC3 A1B scenario) around Japan.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	1979-01-01
End Date	2100-12-31
Temporal Characteristics	Hourly

7.4 Geographic Bounding Box

North latitude bound	46.5
West longitude bound	115
Eastbound longitude	149
South latitude bound	23

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
row	131	20 (km)
column	121	20 (km)
vertical	3	(hPa)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Models > GCM	GCMD_platform
theme	GLOBAL CHANGE > Regional climate change, ATMOSPHERIC PROCESSES > Climatology, ATMOSPHERIC PROCESSES > Regional modeling, ATMOSPHERIC PROCESSES > Climate change and variability	AGU
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
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8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

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

Iizumi, T., M. Nishimori, K. Dairaku, S. A. Adachi, and M. Yokozawa, 2011: Evaluation and intercomparison of downscaled daily precipitation indices over Japan in present-day climate: Strengths and weaknesses of dynamical and bias correction-type statistical downscaling methods, *J. Geophys. Res.*, 116, D01111, doi:10.1029/2010JD014513.

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