



NIASE 1km grid climate change scenario in Hokuriku, Japan

1. IDENTIFICATION INFORMATION

Name	NIASE 1km grid climate change scenario in Hokuriku, Japan
Metadata Identifier	JP_NIAES_MetData_1kmMesh_Scenario_Hokuriku20230727072524-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 : 2014-04-01

7. DATASET OVERVIEW

7.1 Abstract

Dataset:

1km grid daily climate change scenarios in Hokuriku, Japan. The dataset is generated from both the monthly climate change scenarios of 12 GCMs under two emission scenarios (A1B and B1) and the NIAES 1km grid meteorological data in Japan. Daily climate data in the dataset are generated using the weather generator WAGEN.

Variables: daily maximum/minimum air temperature, precipitation, solar radiation, relative humidity, wind speed

Remarks: Daily mean temperature is calculated as the average of daily maximum and minimum temperatures.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

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

7.4 Geographic Bounding Box

North latitude	bound	40
West longitude	bound	135
Eastbound longitude		140
South latitude	bound	35

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
column		0.0125 (deg)
row		0.008333 (deg)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Surface Air Temperature, Surface Humidity, Precipitation, Surface Radiation Budget, Surface Wind Speed	GEO_COP

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

File download page in the DIAS : <https://data.diasjp.net/dl/storages/filelist/dataset:248>

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

As a rule, you shall confirm the Data Policy and Acknowledgement for the DIAS.

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

1. Seino, Hiroshi, 1993, An estimation of distribution of meteorological elements using GIS and AMeDAS data. J. Agr. Met. Japan, 48, 379-383.
2. Sharpley, A.N. and J.R. Williams, 1990), EPIC-Erosion Productivity Impact Calculator, 1. model documentation. Technical Bulletin No. 1768. U.S. Department of Agriculture, Washington, D.C.

