



NIES CGER Hateruma Monitoring Station Greenhouse Gases Data

1. IDENTIFICATION INFORMATION

Name	NIES CGER Hateruma Monitoring Station Greenhouse Gases Data
Abbreviation	Hateruma GHG Dataset
Metadata Identifier	Hateruma_GHG20230727065302-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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3. DOCUMENT AUTHOR

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4. DATASET CREATOR

Name	Dr. Hitoshi MUKAI
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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 2010-01-25

7. DATASET OVERVIEW

7.1 Abstract

Hateruma Global Environment Monitoring Station is located at the southern end of Japan. Hateruma Island, a small sub-tropical island and part of the Sakishima Islands, is located at more than 1000 km from mainland Japan. The station was established in 1992 to monitor the long-term trend of greenhouse gases (GHGs) in the Eastern Asia. In addition to GHGs, other related gaseous species, aerosol, and meteorological parameters are now observed at Hateruma stations. The station is operated by highly automated monitoring system and requires a monthly maintenance.

7.2 Topic Category(ISO19139)

environment

7.3 Temporal Extent

Begin Date	1993-10-17
End Date	Under Continuation
Temporal Characteristics	Hourly, Daily, Monthly

7.4 Geographic Bounding Box

North latitude	bound	24.060556
West longitude	bound	123.809167
Eastbound longitude		123.809167
South latitude	bound	24.060556

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
place	In Situ Land-based Platforms > GROUND STATIONS	GCMD_platform
theme	Atmosphere > Atmospheric Chemistry > Carbon and Hydrocarbon Compounds > Carbon Dioxide, Atmosphere > Atmospheric Chemistry > Carbon and Hydrocarbon Compounds > Methane, Atmosphere > Air Quality > Nitrogen Oxides, Atmosphere > Air Quality > Carbon Monoxide, Atmosphere > Atmospheric Chemistry > Hydrogen Compounds > Molecular Hydrogen, Atmosphere > Air Quality > Nitrogen Oxides, Atmosphere > Air Quality > Sulfur Oxides, Atmosphere > Atmospheric Chemistry > Oxygen Compounds > Ozone, Atmosphere > Atmospheric Chemistry > Halocarbons and Halogens > Chlorofluorocarbons, Atmosphere > Aerosols > Dust/Ash/Smoke, Atmosphere > Atmospheric Winds > Surface Winds, Atmosphere > Atmospheric Temperature > Air Temperature, Atmosphere > Atmospheric Water Vapor > Humidity, Atmosphere > Atmospheric Radiation > Incoming Solar Radiation, Atmosphere > Atmospheric Radiation > Ultraviolet Radiation, Atmosphere > Precipitation > Precipitation Amount, Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements	GCMD_science
theme	Oxygen/Nitrogen Ratio, Radon, Sulfur Hexafluoride	No_Dictionary
place	Asia > Eastern Asia > Japan	Country

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

Outline of Hateruma Stations : <http://db.cger.nies.go.jp/gem/ja/ground/index.html>

National Institute for Environmental Studies global environment research center global environment data base : <http://db.cger.nies.go.jp/portal/geds/atmosphericAndOceanicMonitoring>

You can download this dataset from DIAS. : <https://data.diasjp.net/dl/storages/filelist/dataset:193>

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

Observation data is copyrighted to Center for Global Environmental Research (CGER), National Institute for Environmental Studies (NIES). You can use the data only for noncommercial purpose. For any publication using data, CGER/NIES must be informed and its approval must be obtained prior to publishing. The data provider may request co-authorship or acknowledgements. Please be informed that we have no concern with your cost by using the data.

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