# DIAS Siberia Tower Network Greenhouse Gases Data

## 1. IDENTIFICATION INFORMATION

| Name | Siberia Tower Network Greenhouse Gases Data |
|---|---|
| Metadata Identifier | SiberiaTower_GHG20230727073706-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

| Name | DIAS Office |
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## 4. DATASET CREATOR

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# 5. DATE OF THIS DOCUMENT

2023-07-27

# 6. DATE OF DATASET

creation : 2016-01-20

# 7. DATASET OVERVIEW

## 7.1 Abstract

In order to understand the long-term variations of greenhouse gases in the inner continental areas, CGER has established a monitoring tower network in Siberia and has been conducting continuous monitoring of the atmosphere since 2001.

## 7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

biota

## 7.3 Temporal Extent

| Begin Date | 2001-10-15 |
|---|---|
| End Date | Under Continuation |
| Temporal Characteristics | Hourly |

## 7.4 Geographic Bounding Box

| North bound latitude | 63.429167 |
|---|---|
| West bound longitude | 63.324722 |
| Eastbound longitude | 129.355833 |
| South bound latitude | 51.325279 |

## 7.5 Grid

## 7.6 Geographic Description

## 7.7 Keywords

### 7.7.1 Keywords on Dataset

| Keyword Type | Keyword | Keyword thesaurus Name |
|---|---|---|
| theme | In Situ Land-based Platforms > GROUND STATIONS | GCMD_platform |
| place | Siberia, Azovo, Berezorechka, Demyanskoe, Igrim, Karasevoe, Noyabrsk, Savvushka, Vaganovo, Yakutsk | others |
| theme | Atmosphere > Atmospheric Chemistry > Carbon and Hydrocarbon Compounds > Carbon Dioxide, Atmosphere > Atmospheric Chemistry > Carbon and Hydrocarbon Compounds > Methane, Atmosphere > Atmospheric Winds > Surface Winds > Wind Speed/Wind Direction, Atmosphere > Atmospheric Temperature > Air Temperature, Atmosphere > Atmospheric Water Vapor > Humidity, Atmosphere > Atmospheric Radiation > Solar Radiation, Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements, Atmosphere > Precipitation > Rain | 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 &gt; Data Integration and Analysis System | No_Dictionary |

## 7.8 Online Resource

Global Environment Database (in Japanese) : http://db.cger.nies.go.jp/portal/geds/atmosphericAndOceanicMonitoring

Global Environment Database : http://db.cger.nies.go.jp/portal/geds/atmosphericAndOceanicMonitoring?lang=eng

File download from the DIAS : https://data.diasjp.net/dl/storages/filelist/dataset:266

## 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

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