



Teshio CC-LaG Site Energy, Water, CO₂ Flux, Spectral Radiation, Vegetational Index Data

1. IDENTIFICATION INFORMATION

Name	Teshio CC-LaG Site Energy, Water, CO ₂ Flux, Spectral Radiation, Vegetational Index Data
Abbreviation	Teshio CC-LaG Flux dataset
Metadata Identifier	Teshio_Cc_Lag_Flux20230727070234-DIAS20221121113753-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Dr. Nobuko Saigusa
Organization	Center for Global Environmental Research, National Institute for Environmental Studies
Address	Onogawa 16-2, Tsukuba, Ibaraki, 305-8506, Japan
TEL	+81-29-850-2517
FAX	+81-29-850-2645
E-mail	n.saigusa@nies.go.jp

2.2 CONTACT on PROJECT

2.2.1 Data Integration and Analysis System

Name	DIAS Office
Organization	Japan Agency for Marine-Earth Science and Technology
Address	3173-25, Showa-Cho, Kanazawa-ku, Yokohama-shi, Kanagawa, 236-0001, Japan
E-mail	dias-office@diasjp.net

3. DOCUMENT AUTHOR

Name	Dr. Nobuko Saigusa
Organization	Center for Global Environmental Research, National Institute for Environmental Studies
E-mail	n.saigusa@nies.go.jp

4. DATASET CREATOR

Eastbound longitude	142.1
South latitude	45.05

7.5 Grid

7.6 Geographic Description

Toikambetsu, Horonobe-cho Teshio-gun, Hokkaido, Japan

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	Atmosphere > Atmospheric Radiation > Incoming Solar Radiation, Atmosphere > Atmospheric Radiation > Longwave Radiation, Atmosphere > Atmospheric Radiation > Shortwave Radiation, Biosphere > Vegetation > Photosynthetically Active Radiation, Atmosphere > Atmospheric Temperature > Air Temperature, Atmosphere > Atmospheric Water Vapor > Humidity, Atmosphere > Atmospheric Chemistry > Carbon and Hydrocarbon Compounds > Carbon Dioxide, Atmosphere > Atmospheric Winds > Surface Winds, Atmosphere > Atmospheric Winds > Wind Profiles, Atmosphere > Atmospheric Pressure > Atmospheric Pressure Measurements, Atmosphere > Precipitation > Precipitation Amount, Atmosphere > Precipitation > Snow, Agriculture > Soils > Soil Temperature, Agriculture > Soils > Soil Moisture/Water Content, Agriculture > Soils > Soil Respiration, Biosphere > Vegetation, Biosphere > Vegetation > Biomass	GCMD_science
place	Asia > Eastern Asia > Japan	Country
theme	Energy, Water, Spectral Radiation, CO2 Flux, Soil Heat Flux, NDVI, EVI, LAI, CO2 concentration profile, CO2 concentration in the soil air, Stem respiration, Litter fall	No_Dictionary
theme	In Situ Land-based Platforms > GROUND STATIONS	GCMD_platform
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 Teshio Site : <http://db.cger.nies.go.jp/gem/ja/flux/teshio.html>

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

DIAS File Download site : <https://data.diasjp.net/dl/storages/filelist/dataset:211>

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

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 creator 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

Takagi K, Kotsuka C, Fukuzawa K, Kayama M, Makoto K, Watanabe T, Nomura M, Fukazawa T, Takahashi H, Hojyo H, Ashiya D, Naniwa A, Sugata S, Kamiura T, Sugishita Y, Sakai R, Ito K, Kobayashi M, Maebayashi M, Mizuno M, Murayama T, Kinoshita K, Fujiwara D, Hashida S, Shibata H, Yoshida T, Sasa K, Saigusa N, Fujinuma Y, Akibayashi Y (2010) Allometric relationships and carbon and nitrogen contents for three major tree species (*Quercus crispula*, *Betula ermanii*, and *Abies sachalinensis*) in northern Hokkaido, Japan. *Eurasian Journal of Forest Research* 13:1-7

Takagi, K., Fukuzawa, K., Liang, N., Kayama, M., Nomura, M., Hojyo, H., Sugata, S., Shibata, H., Fukuzawa, T., Nakaji, T., Oguma, H., Mano, M. Akibayashi, Y., Murayama, T., Koike, T., Sasa, K., Fujinuma, Y. (2009) Change in the CO₂ balance under a series of forestry activities in a cool-temperate mixed forest with dense undergrowth. *Global Change Biology*, 15, 1275-1288.