



# GRENE-ei Global AGB dataset

## 1. IDENTIFICATION INFORMATION

|                     |   |
|---------------------|---|
| Name                | GRENE-ei Global AGB dataset                                 |
| Metadata Identifier | GRENE_ei_Global_Biomass20210525115114-DIAS20210525095249-en |

## 2. CONTACT

### 2.1 CONTACT on DATASET

|              |  |
|--------------|--|
| Name         | Takeuchi Lab.  |
| Organization | Institute of Industrial Science, The University of Tokyo |
| Address      | 4-6-1 Ce-505, Meguro-ku Komaba, Tokyo, 153-8505, Japan   |
| E-mail       | wataru@iis.u-tokyo.ac.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         | Takeuchi Lab.  |
| Organization | Institute of Industrial Science, The University of Tokyo |
| E-mail       | wataru@iis.u-tokyo.ac.jp                                 |

## 4. DATASET CREATOR

|              |  |
|--------------|--|
| Name         | Takeuchi Lab.  |
| Organization | Institute of Industrial Science, The University of Tokyo |
| E-mail       | wataru@iis.u-tokyo.ac.jp                                 |

## 5. DATE OF THIS DOCUMENT

2021-05-25

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## 6. DATE OF DATASET

publication : 2014-01-21

## 7. DATASET OVERVIEW

### 7.1 Abstract

This dataset is global above ground biomass from MODIS monthly NDVI product (MOD13A3) and terrestrial ecosystem model.

### 7.2 Topic Category(ISO19139)

environment

geoscientificInformation

### 7.3 Temporal Extent

|                          |                    |
|--------------------------|--------------------|
| Begin Date               | 2002-01-01         |
| End Date                 | Under Continuation |
| Temporal Characteristics | Monthly            |

### 7.4 Geographic Bounding Box

|                      |      |
|----------------------|------|
| North latitude bound | 90   |
| West longitude bound | -180 |
| Eastbound longitude  | 180  |
| South latitude bound | -90  |

### 7.5 Grid

| Dimension Name | Dimension Size (slice number of the dimension) | Resolution Unit |
|----------------|--|-----------------|
| row            |  | (deg)           |

### 7.6 Geographic Description

### 7.7 Keywords

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## 7.7.1 Keywords on Dataset

| Keyword Type | Keyword                                   | Keyword thesaurus Name |
|--------------|---|------------------------|
| theme        | GLOBAL CHANGE, BIOGEOSCIENCES > Data sets | AGU                    |
| theme        | Biomass                                   | GEO_COP                |
| theme        | Biosphere > Vegetation                    | 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

You can download this dataset from DIAS : <https://data.diasjp.net/dl/storages/filelist/dataset:210>

## 7.9 Data Environmental Information

## 7.10 Distribution Information

| name    | version | specification |
|---------|---------|---------------|
| Geotiff |         |               |

## 8. DATA PROCESSING

### 8.1 Data Processing (1)

8.1.1 General Explanation of the data producer's knowledge about the lineage of a dataset

#### 8.1.2 Data Source

|                           |  |
|---------------------------|--|
| Data Source Citation Name | Description of derived parameters and processing techniques used |
|---------------------------|--|

## 9. DATA REMARKS

## 10. DATA POLICY

### 10.1 Data Policy by the Data Provider

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## 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/policy/>) and DIAS Privacy Policy (<https://diasjp.net/en/privacypolicy/>) 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

Baccini, A., N. Laporte, S.J. Goetz, M. Sun, and H. Dong. 2008. A first map of tropical Africa's above-ground biomass derived from satellite imagery. *Environmental Research Letters* (3) 045011 doi: 10.1088/1748-9326/3/4/045011

Edward TA Mitchard, Sassan S Saatchi, Alessandro Baccini, Gregory P Asner, Scott J Goetz,

Nancy L Harris and Sandra Brown. 2013. Uncertainty in the spatial distribution of tropical forest biomass: a comparison of pan-tropical maps. *Carbon Balance Manag.* 2013 Oct 26;8(1):10. doi: 10.1186/1750-0680-8-10.

Turner, M., C. Beer, M. Santoro, N. Carvalhais, T. Wutzler, D. Schepaschenko, A. Shvidenko, E. Kompter, B. Ahrens, S.R. Levick and C. Schmullius. 2013. Carbon stock and density of northern boreal and temperate forests, *Global Ecology and Biogeography*.

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