



GRENE-ei Global AGB dataset

1. IDENTIFICATION INFORMATION

Name	GRENE-ei Global AGB dataset
Metadata Identifier	GRENE_ei_Global_Biomass20230727070155-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
Organization	Japan Agency for Marine-Earth Science and Technology
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4. DATASET CREATOR

Name	Takeuchi Lab.
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5. DATE OF THIS DOCUMENT

2023-07-27

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

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 > 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
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9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

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

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*.