



# C02 concentration calculated by a global transport model

## 1. IDENTIFICATION INFORMATION

Name	C02 concentration calculated by a global transport model
Metadata Identifier	RECCA_AtmosEnv_C02_Model_Global_v120240612160303-en

## 2. CONTACT

### 2.1 CONTACT on DATASET

Name	Ryoichi Imasu
Organization	Atmosphere and Ocean Research Institute/The University of Tokyo
Address	Kashiwanoha 5-1-5, Kashiwa, Chiba, 277-8564, Japan
TEL	04-7136-4410
E-mail	imasu@aori.u-tokyo.ac.jp

### 2.2 CONTACT on PROJECT

## 3. DOCUMENT AUTHOR

Name	Ryoichi Imasu
Organization	Atmosphere and Ocean Research Institute/The University of Tokyo
E-mail	imasu@aori.u-tokyo.ac.jp

## 4. DATASET CREATOR

Name	Yosuke Niwa
Organization	Meteorological Research Institute/Japan Meteorological Agency
E-mail	yniwa@mri-jma.go.jp, imasu@aori.u-tokyo.ac.jp

## 5. DATE OF THIS DOCUMENT

2024-06-12

## 6. DATE OF DATASET

creation : 2014-03-17

---

## 7. DATASET OVERVIEW

### 7.1 Abstract

CO2 concentration calculated by a global transport model (NICAM-TM) which was developed based on a general circulation model, NICAM

### 7.2 Topic Category(ISO19139)

environment

### 7.3 Temporal Extent

Begin Date	1999-01-01
End Date	2010-12-31
Temporal Characteristics	30minute

### 7.4 Geographic Bounding Box

North latitude bound	90.0
West longitude bound	0.0
Eastbound longitude	0.0
South latitude bound	90.0

### 7.5 Grid

### 7.6 Geographic Description

### 7.7 Keywords

#### 7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	CO2 二酸化炭素 NICAM-TM	

#### 7.7.2 Keywords on Project

### 7.8 Online Resource

---

## 7.9 Data Environmental Information

## 7.10 Distribution Information

name	version	specification
データ提供者との個別交渉	no information	

## 8. DATA PROCESSING

## 9. DATA REMARKS

## 10. DATA POLICY

### 10.1 Data Policy by the Data Provider

The users should contact us and acknowledge us in your presentations (perhaps add us to the co-authors, in case our contribution is large).

### 10.2 Data Policy by the Project

## 11. LICENSE

## 12. DATA SOURCE ACKNOWLEDGEMENT

### 12.1 Acknowledge the Data Provider

This dataset is provided by MEXT/RECCA/SALSA Project Team (CO2 group).

### 12.2 Acknowledge the Project

## 13. REFERENCES

Niwa et al., J. Meteor. Soc. Japan, 89, 255–268, 2011.

Niwa et al., J. Geophys. Res., doi:10.1029/2012JD017474, 2012,