



Emission inventory for atmospheric pollutant materials

1. IDENTIFICATION INFORMATION

Name	Emission inventory for atmospheric pollutant materials
Metadata Identifier	RECCA_AtmosEnv_Emission_inventry_v120200401053847-en

2. CONTACT

2.1 CONTACT on DATASET

Name	Daisuke Goto
Organization	Atmosphere and Ocean Research Institute the University of Tokyo, National Institute for Environmental Studies
E-mail	goto.daisuke@nies.go.jp

2.2 CONTACT on PROJECT

3. DOCUMENT AUTHOR

Name	Daisuke Goto
Organization	National Institute for Environmental Studies
E-mail	goto.daisuke@nies.go.jp

4. DATASET CREATOR

Name	Daisuke Goto
Organization	National Institute for Environmental Studies
E-mail	goto.daisuke@nies.go.jp

5. DATE OF THIS DOCUMENT

2020-04-01

6. DATE OF DATASET

creation : 2014-03-17

7. DATASET OVERVIEW

7.1 Abstract

It includes emission inventories for SO₂ and black carbon (BC) used in MEXT/RECCA/SALSA project. The target period in the standard experiment is August 2007, whereas the target periods in the scenario experiments are August 1970, 2000, 2030 of RCP4,5, and 2030 of SRES-A1B.

7.2 Topic Category(ISO19139)

environment

7.3 Temporal Extent

Begin Date	2007-08-01
End Date	2007-08-31
Temporal Characteristics	Monthly

7.4 Geographic Bounding Box

North latitude	bound	54.96N
West longitude	bound	120.04E
Eastbound longitude		159.96E
South latitude	bound	15.04N

7.5 Grid

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

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
	ブラックカーボン排出量インベントリ、SO ₂ 排出量インベントリ	

7.7.2 Keywords on Project

7.8 Online Resource

: http://cesdweb.aori.u-tokyo.ac.jp/~database/salsa/SALSA_EMISSION/data_emission.html

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
データ提供者との個別交渉	なし	

8. DATA PROCESSING

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

Processed datasets by combining EAGrid2000 around Japan, REASv2 over Asia except Japan, and IPCC in the rest world.

Original datasets: REASv2(Kurokawa et al., Atmos. Chem. Phys., 2013)+EAGrid2000 (Kannari et al., 2000), IPCC(Lamaque et al., 2010; Moss et al., 2010)

8.2 Data Processing

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

9. DATA REMARKS

10. LICENSE

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. DATA SOURCE ACKNOWLEDGEMENT

11.1 Acknowledge the Data Provider

This dataset is provided by MEXT/RECCA/SALSA Project Team.

11.2 Acknowledge the Project

12. DISCLAIMER

12.1 Disclaimer of Project

13. REFERENCES

Kurokawa et al. (Atmos. Chem. Phys., 2013), Kannari et al. (Atmos. Environ., 2007), Lamarque et al. (Atmos. Chem. Phys., 2010), Moss et al. (Nature, 2010)

Copyright(c) 2006–2020 Data Integration & Analysis System (DIAS) All Rights Reserved. This project is supported by "Data Integration & Analysis System" funded by MEXT, Japan
--