



Soil properties data of each prefecture and soil classification in Japan

1. IDENTIFICATION INFORMATION

| | |
|---------------------|--------------------------------------------------------------------------|
| Name | Soil properties data of each prefecture and soil classification in Japan |
| Edition | 1.0 |
| Abbreviation | Soil property data of Japan |
| Metadata Identifier | JP_NIAES_Soil_properties_Japan20240612163838-en |

2. CONTACT

2.1 CONTACT on DATASET

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5. DATE OF THIS DOCUMENT

2024-06-12

6. DATE OF DATASET

creation : 2016-03-01

7. DATASET OVERVIEW

7.1 Abstract

Soil physical properties at near surface layer by prefecture and soil classification in Japan.

Variables: saturated volumetric water content (m^3/m^3), saturated hydraulic conductivity (m/s).

7.2 Topic Category(ISO19139)

geoscientificInformation

environment

7.3 Temporal Extent

| | |
|--------------------------|------------------|
| Begin Date | 1979-01-01 |
| End Date | 1998-01-01 |
| Temporal Characteristics | Time-independent |

7.4 Geographic Bounding Box

| | | |
|---------------------|-------|-----|
| North latitude | bound | 46 |
| West longitude | bound | 155 |
| Eastbound longitude | | 122 |
| South latitude | bound | 20 |

7.5 Grid

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

| Keyword Type | Keyword | Keyword thesaurus Name |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| theme | Land Surface > Soils > Hydraulic Conductivity, Land Surface > Soils > Soil Water Holding Capacity, Land Surface > Soils > Soil Infiltration, Land Surface > Soils > Soil Porosity | GCMD_science |

7.7.2 Keywords on Project

7.8 Online Resource

File download page in the DIAS : <https://data.diasjp.net/dl/storages/filelist/dataset:246>

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

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E-mail : dias-office@editoria.u-tokyo.ac.jp

Authors are asked to refer the following reference when
publish the results using this dataset.

Takimoto, T., Takata, Y., and Kuwagata, T., Development of database of prefectural soil physical properties for evaluating soil temperature and moisture in Japan. in preparation.

10.2 Data Policy by the Project

11. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge the Data Provider

Whenever this data set is used for any academic presentations, and any publication of scientific results, the author(s) shall specify the following acknowledgement.

Takimoto, T., Takata, Y., and Kuwagata, T., Development of database of prefectural soil physical properties for evaluating soil temperature and moisture in Japan. in preparation.

12.2 Acknowledge the Project

13. REFERENCES

Takimoto, T., Y. Takada and T. Kuwagata, construction of Soil physical environmental database of Japan for soil temperature and soil moisture prediction Takimoto, T., Takata, Y., and Kuwagata, T., Development of database of prefectural soil physical properties for evaluating soil temperature and moisture in Japan (in preparation).