



# CEOP CAMP Mongolia Reference Site

## 1. IDENTIFICATION INFORMATION

Name	CEOP CAMP Mongolia Reference Site
Metadata Identifier	CEOP_CAMP_Mongolia20221122133813-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
Address	3173-25, Showa-Cho, Kanazawa-ku, Yokohama-shi, Kanagawa, 236-0001, Japan
E-mail	dias-office@diasjp.net

## 3. DOCUMENT AUTHOR

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## 4. DATASET CREATOR

Name	Ichiro kaihotsu
Organization	Department of Natural Environmental Sciences, Hiroshima University
E-mail	kaihotu@hiroshima-u.ac.jp

## 5. DATE OF THIS DOCUMENT

2022-11-22

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## 6. DATE OF DATASET

creation : 2010-05-06

## 7. DATASET OVERVIEW

### 7.1 Abstract

This data set contains the Coordinated Enhanced Observing Period (CEOP) Enhanced Observing Period 3 (EOP-3 and EOP-4) CEOP Asia-Australia Monsoon Project (CAMP) Mongolia 30 Minute Surface Meteorology and Radiation Data Set. This data set contains 30 minute data from the four stations in the CAMP reference site for the CEOP EOP-3 and EOP-4 time period, which are the BTS, DGS, DRS, and MGS stations. This dataset contains the entire EOP-3 and EOP-4 time period (i.e., 1 October 2002 through 31 December 2004).

### 7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

### 7.3 Temporal Extent

Begin Date	2002-10-01 00:00:00
End Date	2004-12-31 23:59:59
Temporal Characteristics	30minute

### 7.4 Geographic Bounding Box

North latitude bound	45.740000
West longitude bound	106.260000
Eastbound longitude	107.150000
South latitude bound	46.780000

### 7.5 Grid

### 7.6 Geographic Description

### 7.7 Keywords

#### 7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
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theme	Climate, Water	GEOSS
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## 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

[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/A3](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/A3)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/A6](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/A6)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/BTS](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/BTS)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/C2](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/C2) :  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/C4](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/C4) :  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/D0](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/D0)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/D7](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/D7)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/DGS](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/DGS)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/DRS](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/DRS)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/E2](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/E2)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/E4](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/E4)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/F0](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/F0)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/G6](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/G6)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/GUS](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/GUS)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/H7](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/H7)  
[http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop\\_ap/Mongolia/MGS](http://www.eol.ucar.edu/projects/ceop/dm/insitu/sites/ceop_ap/Mongolia/MGS)  
file download : <https://data.diasjp.net/dl/storages/filelist/dataset:118>

## 7.9 Data Environmental Information

## 7.10 Distribution Information

name	version	specification
PRN	no information	CEOP Unified Format

# 8. DATA PROCESSING

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## 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

1. No financial implications are involved for the CEOP reference site data exchange.
2. Commercial use and exploitation of CEOP reference site data is prohibited.
3. Any re-export or transfer of the original data received from the CDA archive to a third party is prohibited.
4. The origin of CEOP reference site data being used for publication of scientific results must be acknowledged and referenced in the publication.
5. CEOP reference site data users are strongly encouraged to establish direct contact with data providers for complete interpretation and analysis of data for publication purposes.
6. Co-authorship of data users and CEOP reference site Principle Investigators on papers making extensive use of CEOP data is justifiable and highly recommended.

see [http://www.eol.ucar.edu/projects/ceop/dm/documents/ceop\\_policy.html](http://www.eol.ucar.edu/projects/ceop/dm/documents/ceop_policy.html)

### 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

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A minimum requirement is to reference CEOP as:

The in-situ data is provided under the framework of the "Coordinated Energy and Water Cycle Observations Project (CEOP)."

for the Coordinated Energy and Water Cycle Observations Project data (2005), and as:

The satellite data is provided under the framework of the "Coordinated Enhanced Observing Period (CEOP)."

for the Coordinated Enhanced Observing Period data (2001 - 2004).

## 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

Original data were collected and provided within the framework of JAXA-JRA "Ground Truth for Evaluation of Soil Moisture and Geophysical/Vegetation parameters Related to Ground Surface Conditions with AMSR and GLI in the Mongolian Plateau" (PI : Prof. I. Kaihotsu, Hiroshima Univ.). This JRA has been actually carrying out as an international cooperational project with Institute of Meteorology and Hydrology of National Agency for Meteorology, hydrology and Environment Monitoring of Mongolia.

Kaihotsu, I., Yamanaka, T., Oyunbaatar D., Ganbold, T., Davaa, G.,

and Koike, T., 2003: Long-term Monitoring by Water Cycle Stations in the

Central Part of the Mongolian Plateau. Proceed. 1st Inter. Conf.

APHW, 1, 117-120.

T. Koike, Y. Nakamura, I. Kaihotsu, G. Davaa, N. Matsuura, 2003:

AMSR-E Soil Moisture Product validated at the CEOP Mongolia Reference

Site. CEOP Newsletter, No.4, P5.

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