



AMY Project HARIMAU-WPR dataset

1. IDENTIFICATION INFORMATION

Name	AMY Project HARIMAU-WPR dataset
Metadata Identifier	AMY_HARIMAU_WPR_dataset20230727071027-AMY20130909130838-DIAS20221121113753-en

2. CONTACT

2.1 CONTACT on DATASET

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2.2 CONTACT on PROJECT

2.2.1 Asian Monsoon Year Project

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2.2.2 Data Integration and Analysis System

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4. DATASET CREATOR

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5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

creation : 2013-07-01

7. DATASET OVERVIEW

7.1 Abstract

The time-height plots of three components of wind velocity (zonal, meridional and vertical winds), echo power and spectral width of five radar beams in the lower troposphere between 0.2 and 10.0 km taken by the transportable wind profiler (called LQ7) at Pontianak in West Kalimantan (0.00S, 109.37E, 90m MSL), Manado in North Suraesi (1.55N, 124.93E, 90m MSL), and Biak (1.18S, 136.10E, 15m MSL), Indonesia. File names are composed of date and variable abbreviations: (year)(month).(variable).gif (1-month plot) or (year)(month)(day).(variable).gif (1-day plot). The variable abbreviations are wnd, pwr and wdt, which mean wind velocity, echo power and spectral width, respectively. Local time is used for time data. The right panels of each time-height plot are 1-day or 1-month average profiles of each parameter as a function of height.

7.2 Topic Category(ISO19139)

climatologyMeteorologyAtmosphere

7.3 Temporal Extent

Begin Date	2007-02-22
End Date	Under Continuation

7.4 Geographic Bounding Box

North latitude bound	1.55
West longitude bound	109.37
Eastbound longitude	136.10
South latitude bound	-1.18

7.5 Grid

Dimension Name	Dimension Size (slice number of the dimension)	Resolution Unit
time		10 (minute)
vertical		100 (m)

7.6 Geographic Description

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
place	Asia > South Eastern Asia > Indonesia	Country

7.7.2 Keywords on Project

7.7.2.1 Asian Monsoon Year Project

Keyword Type	Keyword	Keyword thesaurus Name
place	Asia	Country

7.7.2.2 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:223>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
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8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

If you acquire HARIMAU-WPR data, we ask that you acknowledge us in your use of the data. This may be done by including text such as WPR data were obtained by the JEPP-HARIMAU and SATREPS-MCCOE

projects promoted by JAMSTEC and BPPT under collaboration with RISH of Kyoto University, LAPAN, and BMKG. We would also appreciate receiving a copy of the relevant publications.

10.2 Data Policy by the Project

10.2.1 Asian Monsoon Year Project

1. No financial implications are involved for the AMY data exchange.
2. Commercial use and exploitation of AMY 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 AMY data being used for publication of scientific results must be acknowledged and referenced in the publication.
5. AMY 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 AMY Projects' Principle Investigators on papers making extensive use of AMY data is justifiable and highly recommended.

Whenever AMY data distributed by CDA are being used for publication of scientific results, the author(s) shall send a copy of the respective publication, preferably in electronic form, to the CDA in order to build up a AMY publication library. CDA will maintain this library and will make it public, for example via CDA's web site, for a continuous monitoring of the AMY data applications and AMY's achievements in general.

10.2.2 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 Asian Monsoon Year Project

Whenever AMY data distributed by the CDA are being used for publication of scientific results, the data's origin must be acknowledged and referenced. A minimum requirement is to reference AMY and the CDA. If only data from one observation site (or a limited number of observation sites)

has been used, additional acknowledgement to the observation site(s) and its (their) maintaining institutions or organizations shall be given.

Maintaining continuous, high-quality measurements, performing quality and error checking procedures, and submitting data and related documentation to the CDA will require substantial financial and logistical efforts of the data providers. The necessary support for these observation site activities originate from a variety of international, national and institutional sources. The CDA shall make proper reference to all AMY data providers and, if required, to their funding sources.

12.2.2 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

Yamanaka, M.D., H. Hashiguchi, S. Mori, P. Wu, F. Syamsudin, T. Manik, Hamada J.-I., M.K. Yamamoto, M. Kawashima, Y. Fujiyoshi, N. Sakurai, M. Ohi, R. Shirooka, M. Katsumata, Y. Shibagaki, T. Shimomai, Erlansyah, W. Setiawan, B. Tejasukmana, Y.S. Djajadihardja, and J.T. Anggadiredja, HARIMAU Radar-Profiler Network over the Indonesian Maritime Continent: A GEOSS Early Achievement for Hydrological Cycle and Disaster Prevention, *J. Disaster Res.*, 3, 78-88, 2008.