

Announcement of
the 2nd Satellite Observation Data Utilization Contest (Document B.)

2026.6 WNI WxBUNKA Foundation

• **Introduction**

Heavy rainfall disasters associated with climate change are becoming more frequent in the Asia-Pacific region. To mitigate their impacts, it is essential to train individuals who can acquire, analyze, and apply meteorological data to practical solutions.

Our Foundation will implement a meteorological engineer training initiative in the Asia-Pacific region and organize a satellite data utilization contest. Through this initiative, we aim to improve meteorological data literacy, promote the effective use of meteorological information services, and strengthen meteorological service capabilities, thereby contributing to the mitigation of heavy rainfall disasters associated with climate change.

***Event Details**

Participants will obtain and analyze image data from weather observation satellites using one or more of the following three methods. They will then submit a report explaining the meaning and significance of the analyzed images. Entries will be evaluated based on participants' analytical skills and ability to interpret satellite observation data.

Target Area: Asia, including the applicant's own region

Target Phenomena: Weather, ocean conditions, vegetation, fisheries, agriculture, natural disasters, and other related phenomena. Participants may begin by exploring what types of data are available.

Data Source: Image data acquired from weather observation satellites.

Data Acquisition Methods: Participants may choose one or more of the following three methods to obtain image data from weather observation satellites. Multiple methods may be selected for backup purposes or other practical reasons.

1. Access weather data centers in various countries that have been prepared in advance by the Foundation and obtain data from them. Details regarding the data reception methods will be provided by the Foundation.
2. Obtain data using a satellite data reception kit.
Participants who applied last year may use the kit they used for the previous contest.
3. Obtain satellite data from open sources, such as government agencies and research institutions.

Application and Schedule

Eligibility:

University students enrolled in institutions in the Asia-Pacific region.

Applications may be submitted by individuals or groups. Group applications are generally limited to up to three members.

Application to Event Flow:

- Opening of the application period
- Review of submitted applications
- Notification of approved teams and provision of access information
- Reception of satellite data
- Analysis of satellite data
- Preparation and submission of reports
- Review by the Secretariat
- Evaluation by the Selection Committee
- Announcement of award winners
- Grand Prize: 1 group
- Excellence Awards: 2 or more groups

→ Award winners will receive prize money and supplementary prizes. In addition, the Grand Prize winner will be invited to participate in a study tour of meteorological organizations in Japan, scheduled for June 2027, as a supplementary prize.

Contest Schedule:

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| •Application Period | 9 JUN 2026 to 31 AUG 2026 |
| •Distribution of Receiving Kits | |
| Receiving kits will be distributed after the application deadline to participants who request them. | |
| Details regarding the distribution schedule and procedures will be provided separately | |
| •Data Acquisition, Analysis, and Report Preparation | 1 AUG 2026 to 31 MAR 2027 |
| •Report Submission Deadline | 31 MAR 2027 |
| •Final Selection | APR 2027 |
| •Announcement of Winners and Award Ceremony | Late APR 2027 |

Contact Information:

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