

[Conference Announcement]

AOMSUC-14 (02-07 December 2024)

New Delhi, India

Presented to CGMS-52 [under Conference agenda on 6th June-2024]

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Coordination Group for Meteorological Satellites - CGMS

14th Asia-Oceania Meteorological Satellite Users' Conference 02-07 December 2024, New Delhi, India

The details of the progress of conference is available in the following link:

<http://nmsc.imd.gov.in/aomsuc/index.html>

Brief of the conference is given below:

AOMSUC-14 First Announcement

Schedule

The Fourteenth Asia-Oceania Meteorological Satellite Users' Conference (AOMSUC-14) hosted by IMD will be held from 2-7th December 2024 in New Delhi, India.

AOMSUC-14 is planning to hold three events:

2-3rd December 2024

Comprehensive training event on satellite data and product utilization in New Delhi

4-6th December 2024

The AOMSUC-14 plenary and scientific sessions in New Delhi

07th December 2024

Joint Meeting of RA II WIGOS Project and RA V TT-SU for RA II and RA V NMHSs (by invitation) in New Delhi

The major goals of the AOMSUC conferences are:

Promoting the importance of satellite observations and highlighting their utility;

Advancing satellite remote sensing science by enabling information exchange between scientists from the Asia/Oceania region and focusing on regional issues;

Providing a means for satellite operators to interact directly with the user community with respect to current and future satellite related activities and plans and to respond to the requirements of those users;

Informing community about the current status and future plan of international space programs;

Harmonizing unified and optimal usage of all types of satellite and other meteorological and environmental data and information;

Innovating new technology and science to invest in and develop future weather satellite sensing capabilities; and

Engaging young scientists entering the field.

The conference portion will feature high quality oral and poster presentations, as well as panel discussions that address topical issues such as the utilization of satellite data in Reception, Processing, Dissemination, Products Generation, Weather Analysis, Nowcasting and Forecasting, Climate and Environmental Monitoring, Numerical Weather Data Assimilation, Prediction, and Disaster Monitoring. All oral presentations will be in person, and selected presentations will be available for real-time remote viewing. Both oral and poster presentations are to be uploaded to the conference organizers prior to the conference (date and procedure to follow in the second announcement).

All presentations and panel discussions will be recorded for information sharing and persevering contributions.

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Sessions

The sessions of the AOMSUC conferences are:

The space program and data access updates

SmallSat/Cubesat for meteorology, climate, and environmental monitoring

Application for numerical weather prediction

Application for weather analysis and nowcasting

Application for land surface and sea surface derived from satellite observations

Space weather

Performance and calibration of satellite instruments

Use of AI/ML in weather forecasting

Geoinformatics

Notice that there is no fee for conference registration, presentation or attendance; but all participants must register at the website given below in the section "

Call for papers

The participants who wish to present at the conference are invited to register. The online registration and further information about the participating institutions

<http://nmsc.imd.gov.in/aomsuc/index.html>

Registration and Abstract Submission

The registration form (MS Word) and abstract submission including author information, title, and abstract can be e-mailed to the Local Organizing Committee of

aomsuc14imd@gmail.com

The conference will be held in English. Abstracts should be no longer than one page (A4). Multiple authors are kindly asked to coordinate a single response. To

Deadline for abstract submission: 27th September 2024

Please forward this announcement to all your colleagues to keep the dates aside for participating and continue your great tradition to contribute to our AOMSUC

Second Announcement

The second announcement will be posted on the website around October 2024. The preliminary program, information for pre-registration which will be requested, etc. will be provided with the second announcement.



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AOMSUC Background Information

In 2010 the first Asia Oceania Meteorological Satellite Users' Conference (AOMSUC-1) was held in Beijing, China by the China Meteorological Administration (CMA) in cooperation with the Japan Meteorological Agency (JMA), the Korea Meteorological Administration (KMA), the Australian Bureau of Meteorology (BOM), the Russian Federal Space Agency (Roscosmos), and the Indonesian National Institute of Aeronautics and Space (PTSP).

In June 2016 the Permanent Representatives of Australia, China, India, Indonesia, Japan, Russian Federation and the Republic of Korea, together with the Secretaries of the AOMSUC, met in Seoul, Korea to discuss the future of the AOMSUC.

The 2016 Memorandum formalized the AOMSUC as a permanent mechanism for facilitating dialogue and improved collaboration among the space agencies of the Asia-Oceania region.

About India Meteorological Department (IMD)

The India Meteorological Department (IMD) holds a venerable position as one of the oldest and most esteemed meteorological organizations globally. Established in 1875, the IMD has a rich history of providing weather and climate services to the Indian subcontinent. This year IMD is celebrating 150th year of its existence and hosting the AOMSUC-14 event this year would be a significant milestone.

THANK YOU