

International Civil Aviation Organization

ICAO

INFORMATION PAPER (IP/22)

ICAO Asia and Pacific (APAC)
Twenty-Ninth Meeting of the Meteorology Sub-Group
(MET SG/29)

Bangkok, Thailand, 18 - 22 August 2025

Agenda Item 6: Research, development and other initiatives**SPACE WEATHER USER WORKSHOP**

(Presented by the United States)

SUMMARY

The Meteorology Panel's Working Group on Meteorological Operations Groups Space Weather Work Stream is holding a Space Weather User Workshop on the provision and use of space weather information on 20 October 2025 from 0900 to 1700 hours (local time (CEST)) at the Italian Air Force Headquarters in Rome, Italy.

1. INTRODUCTION

1.1 The intent of this Information Paper (IP) is to inform the meeting of the Space Weather (SWX) User Workshop by the Meteorology Panel (METP) Working Group on Meteorological Operations Groups SWX Work Stream to be held on 20 October 2025.

2. DISCUSSION

2.1 The primary objectives of the workshop are to: 1) share with the aviation industry the current status and future planned updates of the International Civil Aviation Organization (ICAO) SWX Information Service (SWIS); 2) facilitate users, regulators, and other interested parties, in understanding the uses, benefits, and uncertainties of SWX information; 3) share existing draft education and guidance material; 4) allow for all stakeholders to articulate their requirements to assist in the utilization and oversight of the ICAO SWIS; and 5) discuss improvements and obtain feedback from users on the ICAO SWIS.

2.2 Participation is strongly encouraged for airline representatives, air navigation service providers, pilot representatives, flight planning service/tool providers, electronic flight bag providers, and national regulators who are interested in, or responsible for, SWX procedures for air navigation.

2.3 The workshop will take place on 20 October 2025 from 0900 to 1700 hours (local time (CEST)) at the Italian Air Force Headquarters in Rome, Italy. The invitation to this workshop and the latest version of the provisional agenda are included as **Appendix A** and **Appendix B** to this IP. It is requested that you share this invitation within your organization and those mentioned in paragraph 2.2.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) if interested, confirm attendance via email no later than 22 September 2025 to Angelo Romito (angelo.romito@aeronautica.difesa.it) and Amanda Hoprich ([hoprich@avmet.com](mailto:hoprigh@avmet.com)).

APPENDIX A – SWX USER WORKSHOP INVITATION



International Civil Aviation Organization

METP WG-MOG SWX - Memo
26/06/2025

MEMORANDUM

Subject: (Invitation) Space Weather (SWX) User Workshop
Date/Time: **20 October 2025, 0900 to 1700 hours (local time (CEST))**
Location: Italian Air Force Headquarters in Rome, Italy
Action: Confirm attendance by **22 September 2025**

Dear Sir/Madam,

We are pleased to inform you that the Meteorology Panel Working Group on Meteorological Operations Groups (WG-MOG) Space Weather (SWX) Work Stream is organizing a SWX User Workshop on the provision and use of SWX information for international civil air navigation.

The SWX User Workshop will take place on **20 October 2025 from 0900 to 1700 hours (local time (CEST)) at the Italian Air Force (ITAF) Headquarters in Rome, Italy**. The location and contact information of the Italian Air Force Headquarters are as follows:

Italian Air Force
General Office for Military Aviation and Meteorology
Viale dell'Università, 4
00185 Rome (Italy)
Sala Ajmone Cat
stataero.aviam.met@aeronautica.difesa.it
+39 0649864589 (Monday to Friday 08.00-17.00 CEST)

When entering the ITAF Headquarters, workshop attendees will be asked to show valid government-issued identification or passport, including a visa (if required). Attendees will be provided with a delegation badge to be kept until the end of the workshop at which time it must be returned to the host venue.

The primary objectives of this workshop are:

- To share with the aviation industry the current status and future updates of the ICAO SWX Information Service.
- To facilitate users, regulators, and other interested parties, in understanding the uses, benefits, and uncertainties of SWX information.

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- To share existing draft education and guidance material and for all stakeholders to articulate their requirements to assist in the utilization and oversight of the ICAO SWX Information Service.
- To discuss improvements and obtain feedback from users on the ICAO SWX Information Service.

Participation is strongly encouraged by airline representatives, national regulators, flight planning tool providers, air navigation service providers, and pilot representatives who are interested in, or responsible for, SWX procedures for air international navigation.

A high-level provisional agenda is as follows:

- Morning Session:
 - Overview of SWX impacts on aviation and ICAO SWX Information Service
 - Planned updates to the SWX Information Service
 - SWX Information Service education and guidance materials
- Afternoon Session:
 - Moderated industry panel discussion
 - User feedback on current and planned SWX Information Service products
 - SWX case studies and/or exercises

Further details regarding SWX User Workshop logistics and the detailed agenda will be communicated to registered participants.

We would be grateful if you would confirm your attendance via e-mail, **no later than 22 September 2025** to Angelo Romito (angelo.romito@aeronautica.difesa.it) and Amanda Hoprich (hoprich@avmet.com).

Kind regards,

James Shapland
Rapporteur, WG-MOG

Angelo Romito
Coordinator, WG-MOG SWX Work Stream

— END —

APPENDIX B – SWX USER WORKSHOP PROVISIONAL AGENDA



International Civil Aviation
Organization

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AGENDA

Space Weather User Workshop

20 October 2025, 0900 to 1700 hours (local time (CEST))

Italian Air Force Headquarters in Rome, Italy

PROVISIONAL AGENDA

Time	Agenda Item
0830	Registration
0900	Opening of Space Weather (SWX) User Workshop: <ul style="list-style-type: none">• Welcome• Logistics• Background• Objectives
0915	Overview of space weather impacts on aviation and the International Civil Aviation Organization (ICAO) Space Weather Information Service (SWIS)
1000	SWIS Education and Guidance Materials
1030	Break
1100	Moderated Industry Panel Discussion
1145	Question and Answer Session
1200	Lunch break (<i>Note: Lunch not provided</i>)
1330	Request User Feedback on: <ul style="list-style-type: none">• SWX Advisory• Use of Polygons• Outlook Forecast• Other
1430	Break

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Time	Agenda Item
1500	SWX Case Studies and/or Exercises
1600	Question and Answer Session
1645	Summary of SWX User Workshop and Next Steps
1700	End of SWX User Workshop Finish

— END —