



ICAO

International Civil Aviation Organization

**Asia and Pacific (APAC)**  
Seminar on Meteorology (MET Seminar)

Bangkok, Thailand (and online)

<b>2024 ICAO APAC MET SEMINAR PROGRAM</b>	
Monday, 8 July 2024, ICAO APAC Office, Bangkok, Thailand (and online)	
<b>Time (ICT)</b>	<b>Topic</b>
09:30-10:00	<p><b>World Area Forecast System (WAFS)</b> <i>Improvements to the meteorological forecasts for international air navigation issued by the world area forecast centres (WAFCs) will include upper-air gridded forecasts issued with increased spatial and temporal resolutions and extended forecast periods and forecasts of significant en-route weather phenomena (SIGWX) issued in the ICAO meteorological information exchange model (IWXXM) format.</i></p> <ul style="list-style-type: none"><li>• Presentation on WAFS updates</li><li>• Q &amp; A session</li></ul>
10:00-10:30	<p><b>Volcanic Hazard Information</b> <i>Proposed amendments to the meteorological service for international air navigation include the introduction of Recommended Practices for the volcanic ash advisory centres (VAACs) to issue forecasts of quantitative volcanic ash concentration information for a volcanic ash “cloud” and the State volcano observatories to issue information on volcanic activity in the form of a Volcano Observatory Notice for Aviation (VONA).</i></p> <ul style="list-style-type: none"><li>• Presentation on the proposed volcanic ash concentration information service and issuance of VONA</li><li>• Q &amp; A session</li></ul>
10:30-11:30	<p><b>Space Weather</b> <i>Since 2019, designated space weather centres (SWXCs) have provided international air navigation with space weather advisory information on space weather phenomena expected to affect high-frequency radio communications or GNSS-based navigation and surveillance systems or pose a radiation risk to aircraft occupants. Recent space weather events highlight the international air navigation system’s response to space weather advisory information.</i></p> <ul style="list-style-type: none"><li>• Presentation on:<ul style="list-style-type: none"><li>➢ What is space weather</li><li>➢ ICAO space weather advisory information and space weather impact on aviation operations</li><li>➢ Provision and distribution of space weather advisory information</li></ul></li><li>• Q &amp; A session</li></ul>

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