



ATTACHMENT

ICAO SOUTH AMERICAN REGIONAL OFFICE

NEMOTECNIC PAPER

Webinar on Climate Change, El Niño and Their Potential Impacts on Aviation (Online, 22 October 2026, from 13:00 to 16:00 UTC)	
Regional strategy for aeronautical meteorology and aviation resilience in the SAM Region	• Strengthen regional knowledge of climate variability and its effects on aviation. • Promote the timely use of meteorological and climate information to support planning and decision-making. • Foster coordination among civil aviation authorities, air navigation service providers, aerodrome operators and MET services. • Contribute to the preparedness and resilience of the regional aviation system in the face of regional climate phenomena.
ICAO strategic goals	A- Every Flight is Safe and Secure; and B- Aviation Delivers Seamless, Accessible, and Reliable Mobility for All
Current situation in the SAM Region	The SAM Region is exposed to meteorological and climate phenomena that may affect the continuity and efficiency of flight operations, airport infrastructure and the provision of air navigation services. The potential development of the 2026–2027 El Niño phenomenon makes it timely to strengthen understanding of its possible effects and promote coordination among stakeholders.
Nature of the event	Virtual regional outreach and technical awareness-raising activity. The webinar will be conducted in English and Spanish, with simultaneous interpretation.
Participant profile	• Representatives of civil aviation authorities. • Personnel from air navigation service providers. • Representatives and technical personnel of aerodrome operators. • Aeronautical meteorology (MET) personnel and other specialists involved in this area.
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