



CONCEPT NOTE

Title: Learning Session, Lightning and Wildfires

Date and time: Thursday, 4 November 2021 (Day 4)
11:00 AM - 12:00 PM Jamaica time, Eastern Standard Time Zone (Jamaica, Panama, Mexico, Peru)

Venue: Virtual

Lead organization: World Meteorological Organization (WMO)

Co-lead organization: Food and Agriculture Organization of the United Nations (FAO)

Contributing agency: National Oceanic and Atmospheric Administration (NOAA)

GOALS

The session is intended to provide concise but relevant information about wildfires and/or lightning information systems in the Americas. This session particularly aims to:

1. Review wildfire monitoring, prediction and response in the Americas.
2. Review the region's progress and challenges in lightning detection and prediction.
3. Identify best practices for integrating lightning and wildfire data systems.
4. Improve current risk management approaches for these hazards.
5. Share the IBC's findings on Climate Change and Resilience.

MEASURABLE OUTCOMES

1. Session report.
2. Key recommendations.

GENERAL DESCRIPTION

Expected results:

1. To increase awareness about the need of more integrated and robust systems for wildfires and lightning.
2. To identify potential synergies in the region to strengthen capacities and foster cooperation to reduce asymmetries among countries.



3. To raise the need of cataloguing lightning as a natural hazard and strengthening national and local detection and response systems.
4. The session will contribute with Sendai Framework Priorities 1 and 2 and the SDGs 13: Climate Action, 15: Life on Land and 17: Partnerships for the goals.

QUESTIONS THAT THE SESSION WILL SEEK TO ANSWER

1. How to enhance wildfires and lightning MHEWS?
2. How to improve regional cooperation and technical exchange?