



**Asia-Pacific
Economic Cooperation**

APEC International Symposium: Disaster Resilience for a Sustainable Future

Exchanging Experiences in Geospatial Information Management
in the Context of Forest Fires

Event Agenda

August 21–22, 2025
Santiago, Chile

APEC Project: EPWG 101 2024A

For
Asia Pacific Economic Cooperation Secretariat
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Day 1 – Thursday, August 21, 2025

Theme: Use of Geospatial Information for Forest Fire Management: Experiences in Chile and the APEC Region

09:00 – 10:00 | Welcome Coffee and Registration

10:00 – 10:30 | Opening Remarks (10 min each)

- Francisco Figueroa Cerda, Minister of National Assets, Chile
- Alicia Cebrián, National Director, Servicio Nacional de Prevención y Respuesta ante Desastres (SENAPRED)
- Sofía Nilo, Executive Secretary, Infraestructura de Datos Geoespaciales de Chile (SNIT - IDE Chile)

10:30 – 10:50 | Mid-Morning Coffee Break

10:50 – 12:45 | Session 1 – National Disaster Risk Reduction Systems

- Servicio Nacional de Prevención y Respuesta ante Desastres (SENAPRED)
Leonardo Espinoza, Jefe Departamento de Gestión de Información Territorial
“SENAPRED at the Geospatial Information Concert”
- Secretaría Ejecutiva de la Infraestructura de Datos Geoespaciales de Chile (SNIT - IDE Chile)
Raffaella Anilio, SNIT-IDE Chile professional
“Geospatial Management and the National Disaster Risk Management System: Lessons from the Viña del Mar Case, Chile (February 2024)”
- Centro de Información de Recursos Naturales (CIREN)
José Ossa, Deputy Manager of Space Development and Juan González, Head of the Geographic Information Validation and Management Unit.
“Main Action carried out by CIREN under Agricultural Emergencies caused by Forest Fires”
- Viet Nam Disaster and Dyke Management Authority (DDMFC)
Nguyen Thi Ngoc Quynh, Official and Nguyen Minh Nhat, Official
“Overview of Natural Disasters and the Viet Nam Disaster Monitoring System”
- Geospatial Information Agency, Republic of Indonesia
Prof. Aris Marfai, Chairman of Geospatial Information Agency, Republic of Indonesia
“Geospatial Roles in Forest Fire Risk Management”

12:45 – 1:05 pm | Panel 1 (20 min)

Topic: National Disaster Risk Reduction Systems

Participants: SENAPRED, Geospatial Information Agency (Indonesia), CIREN, DDMFC, IDE Chile

1:05 – 2:05 pm | Lunch (Free Time)

2:05 – 2:30 pm | Post-Lunch Coffee and Networking

2:30 – 4:30 pm | Session 2 – Experiences in Risk and Emergency Management for Forest Fires

- Bomberos de Chile
Rodolfo Valdivia Ortega, Operational Working Group (OWG) on Wildfires, National Operations System of the Firefighters of Chile
“Use of Geospatial Information and Lessons from the 2024 Mega Fire”

- Malaysian Meteorological Department
Narens Nair Narandran Nair, Assistant Director of National Climate Centre
“Exchanging Experiences in Geospatial Information Management in the Context of Forest Fires - Fire Risk Mapping in Malaysia”
- Fire and Rescue Department of Malaysia
Hafizal Mohd Razali, Senior Fire Superintendent
“Exchanging Experiences in Geospatial Information Management in the Context of Forest Fires - Malaysian Firefighters’ Experience”
- Centro de Investigación para la Gestión Integrada del Riesgo de Desastres (CIGIDEN)
Dr. Jorge León, Principal Investigator
“Vulnerability and Reconstruction Assessment Using Unmanned Aircraft Imagery: Lessons from Recent Wildfires in Chile”

4:30 – 4:50 pm | Panel 2 (20 min)

Topic: *Experiences in Risk and Emergency Management for Forest Fires*

Participants: CIGIDEN, National Firefighters Board of Chile, Malaysian Meteorological Department, Fire and Rescue Department of Malaysia.

4:50 – 5:00 pm | Closing Remarks - Pablo Morales Hermosilla – IDE Chile, *Summary and Conclusions*

Day 2 – Friday, August 22, 2025

Theme: Technological Innovation and International Cooperation in Forest Fire Management

09:00 – 10:00 | Welcome Coffee & Registration

10:00 – 10:15 | Welcome Video Message –Sebastián Vergara Tapia, Undersecretary of National Assets, Chile

10:15 – 10:25 | Welcome Address – Sofía Nilo, (SNIT - IDE Chile)

10:25 – 12:30 | Session 3 – Applied Innovation and Technology

- Servicio Aerofotogramétrico de la Fuerza Aérea de Chile (SAF)
Director of SAF: Commander Cristian Jiménez. and Joselyn Robledo
“From Space to Solutions: Geospatial Tools for National Development, Emergency Management and Wildfire Response”
- Instituto de Investigación para la Resiliencia ante Desastres (ITREND)
Catalina Fortuño
“Data and technology for disaster resilience”
- Universidad de Concepción
Jorge Féliz Bernal
“Pyrogeography and Climate Emergency: Data and Tools to Understand an Alarming Scenario in Central Chile”

- Servicio Nacional de Geología y Minería (SERNAGEOMIN)
Carolina Jara & Hugo Neira
“SERNAGEOMIN’s Role in the Delineation of Areas Suitable for Post-Fire Reconstruction, Enhanced by Geospatial Analysis and Web-Based Application”
- Corporación Nacional Forestal (CONAF)
Gonzalo Tapia
“Forest Fire Management Supported by Geospatial Information”

12:30 – 12:50 pm | Panel 3 (20 min)

Topic: *Technological Innovations and Advanced Geospatial Data Analysis*

Participants: SAF, ITREND, CONAF, University of Concepción, SERNAGEOMIN

12:50 – 1:00 pm | Event Closing

- Pablo Morales Hermosilla, IDE Chile – *Summary and Conclusions*

1:00 – 1:20 pm | Networking Brunch