



Workshop on the Provision of Information on  
Volcanic Eruptions and Ash Clouds, Yaoundé,  
Cameroon, 16–20 June 2025

## **Volcanic Risk Management in DRC: Lessons and Perspectives**



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# Pre-Eruptive Preparedness

The management of volcanic eruptions in the DRC emphasized the need for:

- Monitoring of precursor signals: seismicity, gas emissions, ground deformation.
- Enhanced integration between scientific surveillance and operational decision-making.
- Importance of structured and reactive communication procedures.
- Each volcanic eruption presents distinct challenges, underscoring the need for flexible and adaptive response mechanisms

# Alert Management: Accuracy and Trust

Demonstrated the importance of :

- Rigorous validation of signals before public dissemination.
- Centralized communication through official and trusted channels.
- Awareness campaigns for community relays on verified information sharing.

# Mobility, Evacuation and Flow Management

Brought attention to the importance of :

- Evacuation coordination supported by multi-agency mechanisms.
- Early warning issued to airlines and logistical actors.
- Identification of safe corridors and support from humanitarian services.

# Decision-Making Coordination Chain

Confirmed the necessity of:

- Decisions based on coordination between OVG, RVA, and civil aviation authority.
- Activation of coordination committee upon early signs.
- Collaboration with regional information centers (ICAO ESAF/WACAF, VAAC).

# Capacity Building

Stressed the importance of :

- Ongoing training and regular simulations (e.g., VOLCEX to be integrated at national level).
- Joint exercises with technical and humanitarian actors.
- Regional experience sharing to strengthen practices.

# Technical Communication: Publication and Dissemination

Reinforced the relevance of :

- Production of VONA, SIGMET, ASHTAM, VAA in line with international standards, timely and properly distributed
- Strengthened multi-channel dissemination system.
- Proficiency in English for efficient international communication
- Improved accessibility for all concerned stakeholders.

# Interinstitutional Synergies

Showcased the critical role of :

- Close cooperation between navigation services, OVG, humanitarian actors and MONUSCO.
- Logistical support for safety and clearance operations.
- Regular coordination meetings to align intervention strategies.



# Contingency Planning and Regional Coordination

Highlighted the significance of :

- Plans aligned with ICAO guidance, to be updated periodically.
- Coordination with neighboring FIRs.
- Integration of feedback into future versions of contingency plans.

# Conclusion

Lessons learned from volcanic emergencies in the DRC have reinforced the importance of :

- Strengthened intersectoral coordination.
- Continuous scientific vigilance.
- Regional cooperation to enhance resilience in AFI region.
- No two eruptions are alike, which calls for adaptable, scenario-based preparedness and response.