ARISTOTLE-eENHSP provides a flexible and scalable 24*7 Multi-Hazard Service at global level to the European Commission’s Emergency Response Coordination Center.

ARISTOTLE-eENHSP operates in emergency and monitoring mode to translate authoritative and scientific information into actionable advice.

The ARISTOTLE-eENHSP Partnership aims at increasing the multi-hazard service capabilities through the expansion of the multi-hazard partnership with new inter-related hazards and partners.

ARISTOTLE-eENHSP IN NUMBERS

- 19 partners across Europe
- 2 international institutions
- Since 2018 in operation
- 80 emergency activations*
- 343 monitoring reports*
- 6 inter-related hazards

* From October 2018 until April 2022

For more information, please contact the Service Management Team Email: aristotle.smt@ingv.it

ARISTOTLE-eENHSP
enhanced European Natural Hazard Scientific Partnership

Translating science into operational multi-hazard advice

Funded by European Union: ECHO/SER/2020/830887+830888

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What is ARISTOTLE-eENHSP?

ARISTOTLE-eENHSP is an interdisciplinary Multi-Hazard Partnership consisting of world-leading scientific centres in the areas of Earth and Climate sciences to ensure:

a) the provision of 24/7 operational multi-hazard scientific advice at global level to the European Response Coordination Centre (ERCC) for Earthquakes, Tsunamis, Volcanoes, Severe Weather, Flooding, and Forest Fires.

b) the establishment of a truly Pan-European ENHSP based on the ENHSP developmental pillars that sustain a flexible and adaptable system and allow introducing new hazards and new partners into operations.

How does it operate?

Operational service

1) Emergency Response Service:
   - it follows a request from the ERCC or on an event detected by the Multi Hazard Board, in two alternative routes: 1) Reactive (used mostly for unforecastable events), 2) Proactive (used mainly for not forecastable events).
   - provision of 3-hour-emergency Reports: scientific multi-hazard impact-oriented advice reports to the ERCC within a 3-hour time-frame after activation. Updates available after 24 hours or upon request.

2) Monitoring service:
   - 3 times per week multi-hazard events monitoring including a multi-hazard assessment report on the current events, their evolution and potential future events. Verbal interaction with the ERCC to ensure clarification supports the bulletin.

The Partnership

ARISTOTLE-eENHSP partners include 17 European scientific institutions and 2 international organizations under the co-ordination of the National Institute of Geophysics and Volcanology (INGV) and the Zentralanstalt für Meteorologie und Geodynamik (ZAMG).