

EUROVOLC

European Network of Observatories and Research Infrastructure for Volcanology

Deliverable Report

11.2 European Catalogue of Volcanoes: Version 1.0 accessible on the EUROVOLC web

Work Package:	<i>A version 1.0 of European Catalogue of Volcanoes and Volcanic Areas (ECV) and related volcanic hazards, and guidelines for a European Volcano Monitoring Status system</i>	
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Task name:	<i>ECV: Implementation of key volcanoes</i>	
Task number:	<i>11.2</i>	
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Type of Deliverable:	<i>Report</i> []	<i>Demonstrator</i> []
	<i>Prototype</i> []	<i>Other</i> [x]
Dissemination level:	<i>Public</i> [x]	<i>Restricted Designated Group</i> []
	<i>Prog. Participants</i> []	<i>Confidential (consortium)</i> []



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Summary

In accordance with the Grant Agreement's Annex 1 – Description of the action (part A), version 1.0 of the European Catalogue of Volcanoes (ECV) portal was made accessible online and disseminated on the EUROVOLC web site at month 34, thereby representing the first major goal achieved by the European community of Volcano Observatories. The ECV online portal pertains to Task 11.2.

Introduction

The European Catalogue of Volcanoes (ECV) was placed online on the 26th of October 2020. It is one of the main products of EUROVOLC and gives access to detailed information of about forty-seven (47) volcanoes which belong to and/or are monitored by European countries. The interactive web-page also shows the location of 72 active volcanoes within the monitoring territories of France, Greece, Italy, Portugal and Spain. Two web addresses were linked, established in order to reach both English (UK) writing and English (USA) writing, <http://volcanoes.eurovolc.eu/> and <http://volcanos.eurovolc.eu/>.

The ECV used the previously constructed Catalogue of Icelandic Volcanoes (<http://icelandicvolcanoes.is> - funded by ICAO and FUTUREVOLC) as an example. The subcontractor Samsýn was responsible for the design of the web-page interface.

Results

Information regarding volcanic hazards, geological background, historical activity is all accessible in a formatted way which guarantees a uniform amount of details across the different volcanoes/volcanic systems. Currently, each Catalogue information consists of a short description serving as a summary, two separate chapters (Central volcano and Fissure swarm) providing important parameters and 14 sub-chapters with detailed description. Fig. 1 demonstrates the information structure for each volcano.

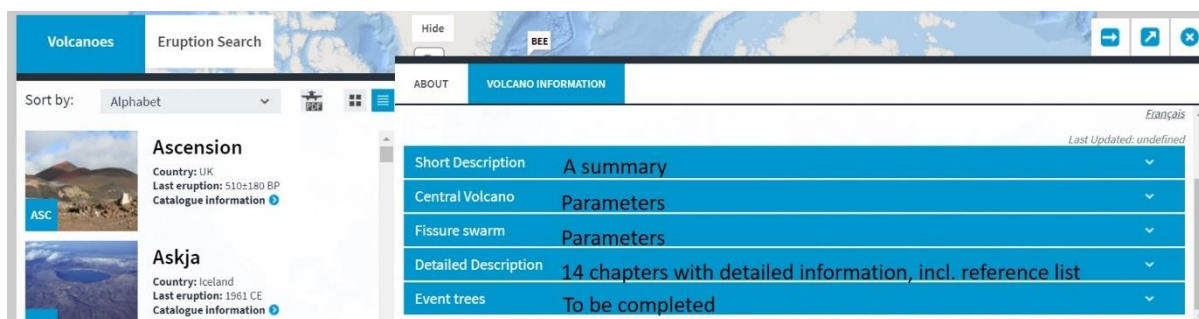


Fig. 1: The structure of Catalogue information.

A section is dedicated to search for specific eruption information and will contribute to the dissemination of eruption source parameters. Currently few eruptions are listed, but more will be available by the end of the project. Fig. 2 shows where the Eruption Search is located.

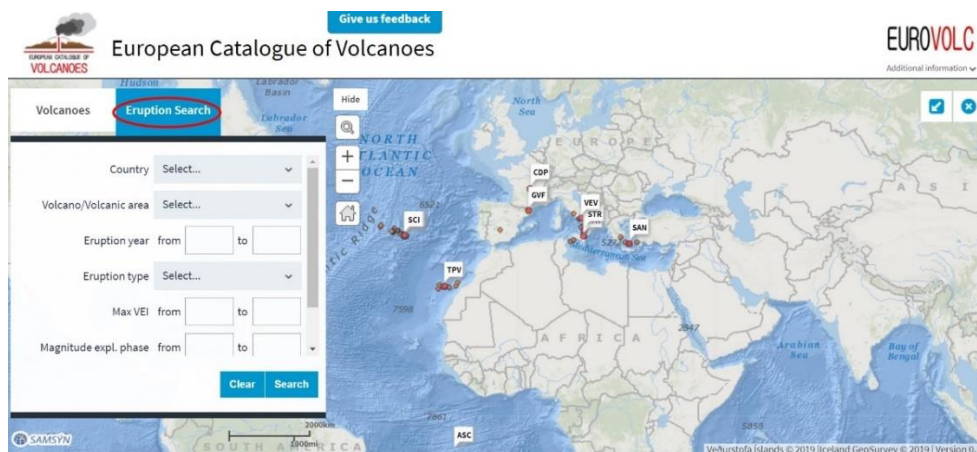


Fig. 2: The red circle shows where the Eruption Search is found on the web-page.

Volcano Observatories in Europe have worked together on collecting data, material, sources and had the common idea of creating an easy-to-use portal designed for a wide audience. Each chapter, per volcano, is available in both English and the local language (i.e. French, Italian, Spanish, Icelandic, Greek and Portuguese). Fig. 3 shows how the user can change the language.

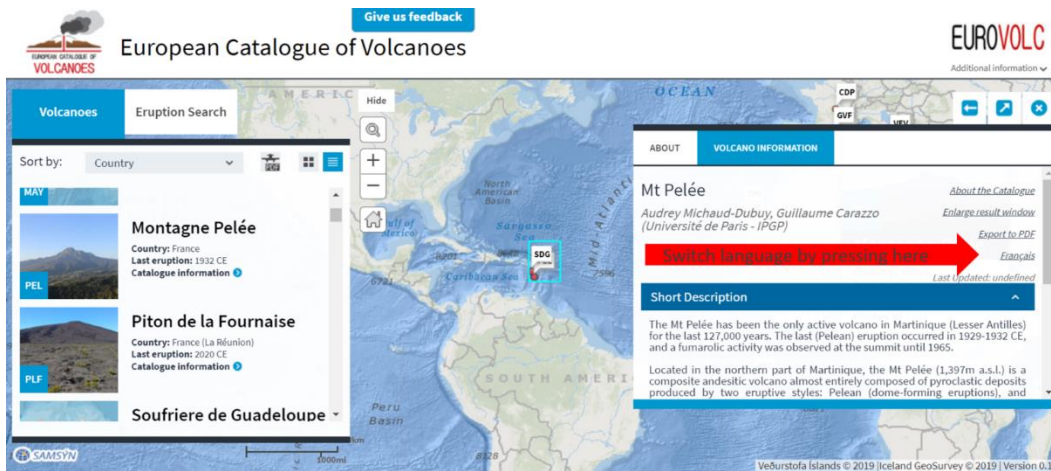


Fig. 3: Each chapter, per volcano, is available in both English and the local language. The English version comes by default but a button to change the language is available inside the Volcano Information window.

The web-page is still under way and, at this stage, it is very important to get feedback from the users (general public, students, teachers, aviation community, researchers) in order to allow the final implementation before the end of the project in 2021.

As is stated in the DoW, the online European Catalogue of Volcanoes has been made accessible through the official web-site of the EUROVOLC project, <http://eurovolc.eu>. Fig.4 shows an image of the logo of the ECV which, when pressed, will direct the user to the Catalogue.

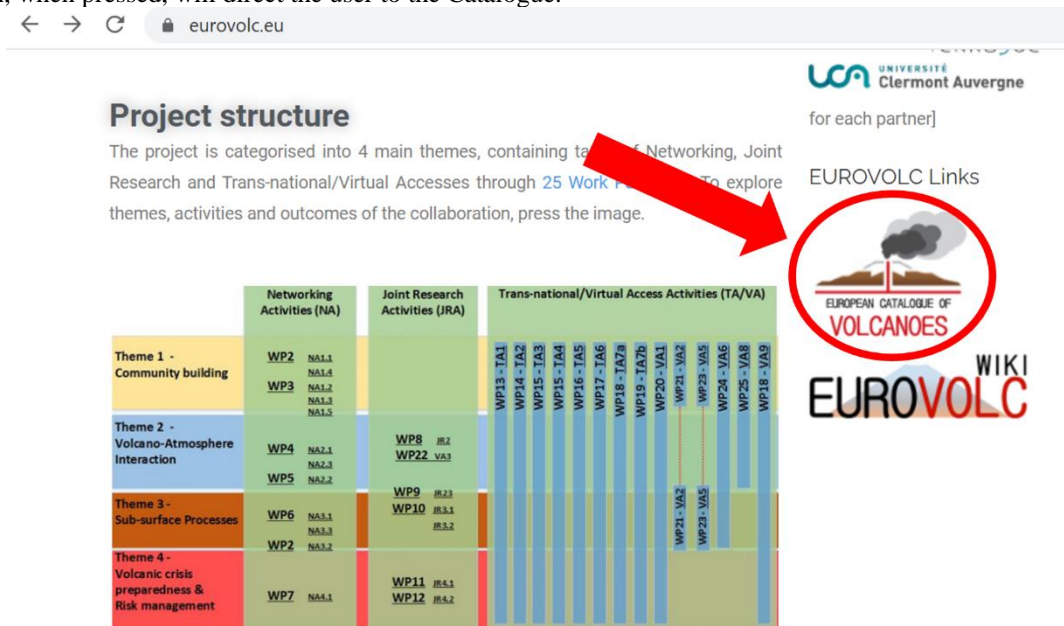


Fig.4: The logo is located on the front page of <http://eurovolc.eu> and, when pressed, transfers the reader to the new ECV.

The ECV was advertised on the project's social media accounts, Twitter, Facebook and Instagram. Fig. 5 shows the analytics of the traffic in connection with the advertisements.



Fig. 5: Graph showing visits to the ECV few days after it was advertised on EUROVOLC social media accounts (Google Analytics).

References

Chapter 13 in each Catalogue information is dedicated to a reference list relevant for each volcano.

Appendix A- list of authors and institutions contributing via EUROVOLC

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