

The On-site Modelling Resources and Hazard Assessment Tools (CSIC)

1. Description of the infrastructure offered for the first call

Name and acronym of RI	Name: Agencia Estatal Consejo Superior de Investigaciones Científicas – Institute of Earth Sciences Jaume Almera
	Acronym: CSIC
Main contact person	Name: Adelina Geyer
	Email: ageyer@ictja.csic.es
List of individual installations	1. Physical access to on-site modelling resources 2. Physical access to on-site hazard assessment tools

2. Description of the installations and facilities offered for the first call

Name of the installation	1. Physical access to on-site modelling resources
Contact person	Name: Adelina Geyer
	Email: ageyer@ictja.csic.es
Location	Address: Lluís Solé I Sabaris s/n, 08028 Barcelona
	Country: Spain
Detailed description of the installation	Physical access to on-site modelling resources including initial training, guidelines and technical assistance to simulate with the FEM modelling software COMSOL Multiphysics: (i) thermofluid dynamic processes occurring during the pre-syn-eruptive phases of magma injection, accumulation and cooling and (ii) local and regional stress field of a volcanic area. The on-site access will be complemented with further remote assistance to the users to help finish their research work.
Scientific support offered	Training for the use of the installation: Yes.
	Duration of the training course: 3days.
	Number of scientist supporting the activity: 1.
	Type of scientific support: Running the software; preparing input data; preparation and design of the numerical model; processing of the obtained results.
Technical support offered	Training for the use of the installation: Yes.
	Duration of the training course: 3 days.
	Number of technicians supporting the activity: Same research (see above).
	Type of technical support: Not applicable.
Safety	Training offered: General safety recommendations and guides.
	Duration of the safety training course: 1 hr.

	Safety equipment provided: Not applicable.
Available accommodation facilities at infrastructure or nearby	There are hotels, hostels and apartments around the installation.
Available space/electricity/internet connection access for external users	Yes.
Administrative support offered	Yes.

Name of the installation	2. Physical access to on-site hazard assessment tools
Contact person	Name: Adelina Geyer
	Email: ageyer@ictja.csic.es
Location	Address: Lluís Solé I Sabaris s/n, 08028 Barcelona
	Country: Spain
Detailed description of the installation	On-site access to VOLCANBOX, an e-tool that integrates, in a systematic and sequential way, a series of well-tested tools addressing various aspects of the volcanic hazard processes and risk assessment by providing an integrated set of e-tools and methodologies to conduct long- and short-term hazard assessment. VOLCANBOX looks at how to make scientific information understandable for decision makers and community planners who manage risk in volcanic areas. Through step-by-step instructions, scientists using VOLCANBOX show community planners how to identify the most probable eruptive scenarios and their potential effects, which helps officials triage emergency responses in the event of an eruption.
Scientific support offered	Training for the use of the installation: Yes.
	Duration of the training course: 3 days.
	Number of scientist supporting the activity: 1.
	Type of scientific support: Running the software; preparing input data; processing of the obtained results.
Technical support offered	Training for the use of the installation: Yes.
	Duration of the training course: 3 days.
	Number of technicians supporting the activity: Same research (see above).
	Type of technical support: Not applicable.
Safety	Training offered: General safety recommendations and guides.
	Duration of the safety training course: 1 hr.

	Safety equipment provided: Not applicable.
Available accommodation facilities at infrastructure or nearby	There are hotels, hostels and apartments around the installation.
Available space/electricity/internet connection access for external users	Yes.
Administrative support offered	Yes.

3. Access modalities and call parameters of the services offered only for the first call

Installation	Accesses per call (in unit)	Max n. of users per project	Max n. of projects per call
1. Physical access to on-site modelling resources	15 days	1	3
2. Physical access to on-site hazard assessment tools	15 days	1	3

4. Financial support offered to the users

Installation	Max reimbursable travel cost (in euro)	Max reimbursable daily subsistence cost (in euro)
1. Physical access to on-site modelling resources	400	100
2. Physical access to on-site hazard assessment tools	400	100

5. Risk management

- a. **Expected condition that can make the installation unavailable/inaccessible:** For installation (1) unexpected internet connection problems that may hinder the access to the software license.
- b. **Conditions to re-schedule the access to the same installation due to force majeure:** For both installations, coordination of the applicants with the scientists responsible for the installation to ensure not overlapping with fieldwork, project meetings or attendance to conferences.