

Celebrating the 80th anniversary of Parícutin volcano (Michoacán, Mexico): Preserving our heritage and preparing for future eruptions; February 19-24, 2023

The objectives of this project are to:

- Promote international cooperation in monogenetic volcanism by gathering experts and young researchers from Mexico and around the world to discuss novel ideas in the research, preservation, and monitoring of active monogenetic volcanic fields.
- Motivate the development of interdisciplinary projects on monogenetic volcanism by integrating scientists from a wide range of disciplines (volcanologists, seismologists, archaeologists, biologists, geographers, historians, etc.), and providing opportunities for discussions on common themes.
- Integrate new knowledge on the management of monogenetic eruptions by inviting prominent scientists that led the monitoring effort during the recent eruptive crisis in Iceland and Spain to share their expertise and provide guidance to local scientists and authorities in Mexico.
- Foster the creation of new geoconservation projects in active monogenetic fields based on sustainable development in Mexico by promoting collaborations with scientists that have led successful projects abroad.
- Disseminate up-to-date high-quality information on Earth Sciences, monogenetic volcanism and associated geoheritage to the general public, journalists, and decision-makers in Mexico and in particular in Michoacán.
- Raise awareness of the values of the natural and cultural heritage in volcanic fields in Mexico, the large scale of its ongoing destruction and the urgency for actions to be taken to avoid its irremediable loss.
- Provide the local authorities and civil society with clear recommendations about how to better prepare for the next eruption to improve the resiliency of the communities and foster sustainable development in their territory.