

IACS/IAVCEI Volcano-Ice Interactions Commission Report 2021/22

The main goals of the Volcano-Ice Interactions Joint Commission are to promote research related to the field of glaciovolcanism, support sessions at international conferences, and foster connections between members of the volcanology and cryospheric science communities. We aim to promote the use of glaciovolcanism for understanding environmental and landscape change, volcanic eruption process, and volcanic and cryospheric hazards. Our current membership stands at 118.

In the last year we have:

- Continued to hold our virtual seminar series. Recordings of each seminar are also posted on our YouTube channel, which is accessible for registered participants. We are also currently developing a workflow to translate the recordings into Spanish.
- Co-sponsored the EGU 2022 session: Volcano-glacier interactions: Arctic, Antarctic, and globally.
- Begun to develop an online image gallery, which will exhibit glacial and volcanic features at landscape and outcrop scales, as well as featuring experimental and lab-based activities. Members will be invited to contribute to the gallery, and the whole community will be able to access and download images.
- Moved our website to the IAVCEI domain (viic.iavceivolcano.org). This makes it easier to find via search engines.
- Maintained our twitter account (@volc_ice) with volcano and cryospheric-related news, updates on our activities and news from related organisations.

Upcoming commission activities:

- The quadrennial IAVCEI Scientific Assembly is taking place in Rotorua, New Zealand in January 2023. We are running a pre-conference fieldtrip at Tongariro and Ruapehu volcanoes. The trip will showcase the products of lava-ice interactions and the glacial geology at these two volcanoes.
- We are running a dedicated session on Volcano-Ice Interactions at the IUGG General Assembly in Berlin 2023.
- At the start of next year, we will begin the process of electing new commission officers to represent IAVCEI as the current officers near the end of their term.