

## Pre-conference Workshops

Sunday 11/02/2024 - Half day (9 am – 1 pm)

Hotel Porta

### Pre-6: Exploring communication strategies between volcano observatories and international partners

English / Participants: 10 – 50 / Cost: 10 US\$ / Hybrid (in person & virtual attendance)

Online publication of activity notices and reports by volcano observatories is one of the most efficient and widespread methods used to communicate volcanic activity. These reports often include details about specific eruptive events (ash plumes, lava flows, pyroclastic flows, lahars, etc.), signs of unrest (like seismicity), alert level changes, emergency management actions, and environmental impacts. Increasingly, international audiences and/or partners use the information in observatory reports for many applications including event response, database compilations, situational awareness reports, scientific research, and public outreach.

This workshop will provide an inclusive and informal space for volcano observatory scientists to discuss how their observations and data are processed, synthesized, and published as volcano activity reports to their main websites or social media pages. Having an integrated conversation about how these hazards are communicated to other scientific professionals, emergency managers, and general audiences will strengthen the collaborative relationships between volcano observatories and international users and partners. Discussion topics may include: a) the challenges observatories face when communicating information about volcanic activity to their target audiences; b) how these reports may change before, during, and after an eruption; c) what observatories may need from international users, such as website content or features, data archiving needs, data flow needs, or translation services; d) identification of who uses volcano observatory information and how it is used; and e) the accessibility of the data, reports, and websites for international users and partners.

At the end of the workshop, participants will identify the key outcomes, the best communication strategies between volcano observatories and international users and partners and recommend how these discussions will be continued.

#### Workshop organizers:

**Kadie Bennis**, Smithsonian Institution ([bennisk@si.edu](mailto:bennisk@si.edu))

Sally Sennert, United States Geological Survey (USGS) ([ssennert@usgs.gov](mailto:ssennert@usgs.gov))

Susan Loughlin, British Geological Survey (BGS) ([sclou@bgs.ac.uk](mailto:sclou@bgs.ac.uk))

Amilcar Elias Roca Palma, INSIVUMEH ([aeroca@insivumeh.gob.gt](mailto:aeroca@insivumeh.gob.gt))

Sarah Ogburn, United States Geological Survey (USGS) ([sogburn@usgs.gov](mailto:sogburn@usgs.gov))

Melanie Duncan, British Geological Survey (BGS) ([md@bgs.ac.uk](mailto:md@bgs.ac.uk))

Samantha Engwell, British Geological Survey (BGS) ([sameng@bgs.ac.uk](mailto:sameng@bgs.ac.uk))