

Southwest Scientific Advisory Committee (SW-SAC)– Project Proposal Form

For the purpose of this scenario, the SW Scientific Advisory Committee exists to facilitate fundamental and curiosity-driven research during the distributed volcanism scenario exercise. It will act as the formal link between the academic scientific community and the USGS. SW-SAC members comment on proposals from academic researchers for science activities related to the scenario that are time-sensitive and require coordination between the USGS and the academic community. In this scenario, we will not consider questions of access but will help to coordinate access to USGS personnel, resources, and samples, with the goal of maximizing the scientific returns while also working in harmony with the USGS mandate for eruption response. SW-SAC makes recommendations to the Scientist In Charge (SIC) at YVO, but the final decision as to whether to allocate resources, preliminary data, and/or samples is made by the SIC. No funding is available through CONVERSE or the USGS as part of the SW-SAC process. SW-SAC will compile and share a list of all known science initiatives related to the eruption via the Slack channel and/or website. During this process, suggestions will be made to minimize overlap in scientific activities between groups, identify synergies, potential collaborations, and maximize success and scientific return. Below we provide a short form to guide proposal development and simplify the evaluation process.

Note: it is required that any person submitting a proposal agree to share, in a timely fashion, data that will support/enhance USGS responsibilities to respond to the eruption and related hazards, hazard assessment, and hazard communication to the public and emergency response organizations.

Fields marked with a * are required.

Proposing team information

- Lead (Corresponding) Investigator (Last name, First name)*
- Institution*
- Email*
- Slack user name*
- Phone number
- Collaborators names and affiliations

Project information

- Project Title*
- Project goals [250 words – Describe the scientific question(s) and its relation to hazard evaluation/mitigation]*
- What parts of the project are time-sensitive, and in what ways?*
- Is field access by the proposing team required?* Yes / No
- If field access is required, explain for how long and for what purpose (e.g., instrument deployment, sample collection, field measurements) [200 words limit]

- What type(s) of data will you collect? Please list*
- What is the likelihood of success (Is the project feasible with the resources in hand? How will it aid the USGS response? Volcano science?) [200 words limit]*
- Would you like access to other data streams? If yes, which ones?
- Will your samples and/or data be useful to others? If yes, explain linkages, sharing potential, and plan for making the data available to others [150 words limit]
- Have you been in touch with others who are interested in collaboration or the use of the samples/data? If yes, please list
- Please provide a short safety plan/risk assessment [150 words limit]*

Submit