

CONVERSE Skype meeting

2/21/19, 9am MST

Updates

- One day kickoff meeting in November - results and documents available online
- Global Volcano Observatory proposal went in to NSF's mid-scale infrastructure - Not related to CONVERSE
 - This is a pre-proposal for a design phase for the global volcano observatory
 - Shooting for instrumenting 50 volcanoes with a standardized package of instruments - the design phase would resolve the details of this
 - Paul: this could be a way to leverage support from NASA, etc.
- Alaska Community Volcano Experiment - NSF FRES
 - Pavlof volcano in Alaska with a dense seismic and geodetic network
 - Community Experiment - data available to US and international community
- MCS workshop May 20 - June 1 at UMN
 - More details at www.sz4dmcs.org
- Geoprisms workshop next week

Ideas & discussion

- Coming up with a list of things you would need in the response of an earthquake
- some concern about different sub-groups breaking off into their own workshops - this might lead to an incompatible set of needs and priorities
 - How to create a convergent process among different groups?
- Have disciplinary leaders come up with scientific questions that they hope to be able to answer - be guided by overarching science questions
 - After that, have an interdisciplinary meeting where leaders from each group further hash out the science questions, go over priority list, operational requirements, etc.
- What is the final product of this process?
 - Some kind of document that provides pretty solid guidelines about how the volcano science community responds to eruptions, and an overview of the science behind it
 - Openly available report
 - Establish trust with US volcano observatories and scientists
- How do you manage the precursory information during unrest, prior to eruption? When do you send out the instruments to capture the most dynamic phase of the eruption?
 - Make guidelines for how to make these decisions
 - Might be possible to group types of data for these guidelines, e.g. seismic and geodetic

- Emily: let's start a draft report right now, with blank spots that can be filled in by the disciplinary workshop
 - This will guide the actions of the disciplinary groups
 - This should include:
 - Science questions
 - Protocols to manage precursory activity
 - Funding mechanisms, permitting required to mobilize to eruptions
 - Resources required for data/sample accessibility and distribution questions? Maybe not until the end, because it's such an emotional issue
- At the end of the RCN, have a dry run for an example volcano eruption in the US
 - In the US, a lot of the active volcanoes seem to be special cases, so an example case would be somewhat limiting
 - Redoubt Volcano would be a good example, Kilauea, and something continental
- How often should we have calls?
 - Once a month, until the groups are obviously convergent