

Fireside tales: understanding experiences of previous eruptions among other factors that influence the decision to evacuate from eruptive activity of Volcán de Fuego

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This supplementary information accompanies the article: Naismith, A. K., Armijos, M. T., Escobar Barrios, E. A., Chigna, W., and Watson, I. M. (2020) “Fireside tales: understanding experiences of previous eruptions among other factors that influence the decision to evacuate from eruptive activity of Volcan de Fuego.” *Volcanica* 3(2), pp. 205–226 doi: [10.30909/vol.03.02.205226](https://doi.org/10.30909/vol.03.02.205226).

QUESTIONNAIRE: 2019 INVESTIGATION

Questionnaire for participants in this investigation: local people who live in communities close to Volcán de Fuego.

Principal questions related to this investigation:

1. Has the change in eruptive regime observed by remote sensing data been reflected in experiences of

eruptive activity among people who live close to Volcán de Fuego?

2. Are previous experiences of volcanic activity important for these people in decision-making regarding volcanic risk (including evacuation)?

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Theme	Question	Additional questions	Reason for asking question
Socio-demographic	- Age, sex, location, work, level of education		
Home, family, friends	- How many people live in your home? How long have you lived here? Why did you choose to live here?	Have you considered leaving this place in future? Why / why not?	- Context - Context/ Consideration of vulnerability or resilience (length of time in current location)
Livelihood	- What is your daily activity? - What do you do to gain a living?		- Context - Consideration of vulnerability or resilience
Environment	- What are the problems or hazards in your community?		- Prominence of different hazards - Possible identification of volcano as hazard
Eruptive activity	- What happens before an eruption of Fuego? Are there any signals from the volcano? - What does the volcano do when it is active? What do you feel, hear, see?		- Individual experiences of eruptive activity - Participants can express themselves in their own words
Eruptive activity frequency	- In the time that you have lived here, how many eruptions of Fuego can you recall? - Have you seen any change in the activity of the volcano in recent years?		- Experiences of activity - Direct comparison between lived experience of eruptive activity and remote sensing observations
Hazard	- How do you know if the volcano represents an imminent danger? - If the volcano were to become dangerous, what would you do?		- Hazard awareness - Risk awareness
Benefits	- Are there any benefits that the volcano gives to the community?		- Comparison between study sites - Perceptions of Fuego
Memory	- What did your ancestors tell you about the volcano? - Have you heard any stories about Fuego?	- Could you describe this to me?	- Collective memory and folklore
Evacuation	- Have you ever had to evacuate because of the volcano's activity? - In the future, would you evacuate because of the volcano's activity? Why/why not?	- Have you ever wanted to evacuate because of the volcano's activity, but were not able to do so?	- Risk awareness and response to heightened activity - Comparison between different study sites
Trust	- Have you received any talk, training, or capacity-building related to Fuego? - What do you know about the work of INSIVUMEH/CONRED?		- Relationship with institution (including trust) - Comparison between study sites