

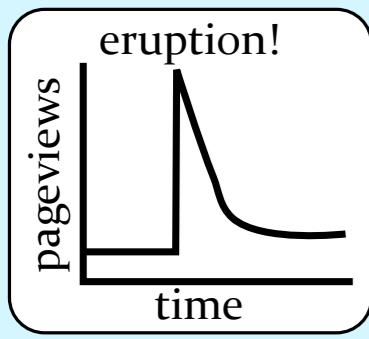
# What is the role of Wikipedia during volcanic eruptions?

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## What?

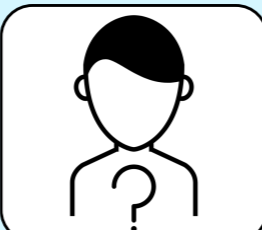
At the onset of a volcanic eruption, Wikipedia views spike by up to hundreds of thousands. We, as a team of volcano and social scientists from the Centre of Natural Hazards and Disaster Science ([www.cnds.se](http://www.cnds.se)) and Uppsala University intend to investigate the role of Wikipedia in spreading scientific and hazard information about volcanoes.



## Research questions



How much are Wiki volcano pages viewed? What information is available? How do they evolve during eruptive periods?



Who contributes to the pages? What issues do they face? Do the official organisations responsible for hazard communication interact with Wikipedia?



How do the official organisations view 'public responsibility' to source reliable information?

## How? Case studies...

### Kilauea, Hawaii



Eruption: 2018

People evacuated: 2000(ish)

Duration: 5 months

### Mayon, Philippines



Eruption: 2018

People evacuated: 90 000(ish)

Duration: 3 months

## ....and Interviews

### Risk communication agencies

1. What do you consider your role as an observatory/communication agency?
2. What tools do you use for communication?
3. How do you see your role to communicate or spread information about the volcano during non-eruptive periods?
4. What do you see as the most important tools for communication?
5. Do you and how do you interact with Wikipedia?
6. What problems do you encounter with communication (to the public)?
7. Do you consider your role to communicate with wider global public as well as the people immediately affected?
8. How do you see public responsibility? i.e self responsibility to seek out reliable resources.
9. To what extent do you see your own websites as a public resource?

### Wiki editors

1. Why do you edit?
2. How often do you edit?
3. What do you consider to be the role of Wikipedia?
4. What is your background?
5. What type of pages do you edit?
6. What issues do you encounter?
7. Where do you source information?
8. Have you ever encountered 'concerning' information on a geology wiki site?
9. How much do you interact with other editors?



## Future

2019- Compile case study statistics, hold seminar at the CNDS Annual Assembly

2020- Conduct interviews

2020 and 2021- Present results at conferences

2021 to 2022- Publish research in an open access journal

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