Geophysical Research Abstracts
Vol. 21, EGU2019-16113, 2019
EGU General Assembly 2019

How do volcanoes communicate? PIIISA Project: approaching research in volcanoes to Secondary School Science Education.

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PIIISA project is a collaboration between University of Granada, the Higher Council for Scientific Research and the Delegation of Education in Granada. This project aims to present and involve Secondary School students of Andalusia (Spain) in the research projects led by scientists of recognized prestige. This project allows the students to explore their possible vocation for scientific career. The students meet with the researches four times from November to April. In May, all the students will show in a meeting the research that they have done. A work team of University of Granada with experts of Geophysics, Signal Theory and Experimental Science Education proposed this project: How do volcanoes communicate? In Nature communication exists between people, animals, plants; however, can a volcano communicate? The answer is yes. Volcanoes communicate their status through seismo-volcanic events. These seismic events, as with other languages, it is necessary to interpret them in order to understand them. This project proposes to teach students to interpret these events, helping to complete a database that is still under construction, to extract knowledge of the state of different volcanoes in the world. The students will be integrated into the work team to make their research work.
This work is supported by the following research projects: TEC2015-68752 (KNOWAVES, MINECO/FEDER); European Union's Horizon 2020 Research and Innovation Programme Under the Marie Sklodowska-Curie Grant Agreement no 798480.