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A strategy of the colombian geological survey for volcanomonitoring in the country: interadministrative contracts with public universities - the case of Nariño University

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The Colombian Geological Survey (SGC) is an Institute of Science and Technology, dependent of the Ministry of Mines and Energy. Among its activities, it has to investigate and monitor geological phenomena prone to generate hazards, as well as conduct surveillance and specific studies in geochemistry, geophysics and geovolcanology for monitoring and evaluate the activity of active volcanoes in the country. For volcanic monitoring, the SGC has three Volcanological and Seismological Observatories (OVS) in the cities of Manizales (OVSM), Popayan (OVSPop) and Pasto (OVSP), from where Cerro Bravo, Nevado del Ruiz, Santa Isabel, Tolima, Cerro Machin, Nevado del Huila, Puracé, Sotará, Doña Juana, Las Animas, Galeras, Azufral, Cumbal, Chiles, and Cerro Negro volcanoes are unceasingly monitored. In this context, from about 29 years, the SGC-OVSM has raised the possibility of having students related to programs of Earth Sciences, Basic Sciences, Geography and Engineering, supporting primary tasks of monitoring and data processing obtained by volcano monitoring networks at whatever time. This strategy seeks to ensure sustainability in research and volcanic activity monitoring. Likewise the SGC has used this issue to strengthen its working group and to ensure generational change without any trauma, creating hotbeds of professionals and researchers in the field, linking groups of undergraduate students (Universities of Caldas, Cauca and Nariño) in the three cities where the OVS exists. The strategy has yielded excellent results, remaining for more than 29 years. In the case of SGC-OVSP and the Nariño University, through institutional arrangements that process has preserved for almost 25 years. This abstract will present more in detail the mechanisms, characteristics and advantages of the interaction of students from Nariño University with SGC-OVSP staff, in addition to the evolution of this process and the lessons learned.