



Cities on Volcanoes 9
November 20-25, 2016
Puerto Varas, Chile

'Understanding volcanoes and society: the key for risk mitigation'



Interdisciplinary work and coproduction processes in schools located in the high hazard zone of Nevado del Ruiz Volcano at the Municipality of Villamaría

Leidy Johana Castaño Vasco, Gloria Patricia Cortés Jiménez, Tatiana Valencia Serna, Andrea Candelo Casallas y Andrea Rodríguez Zuluaga

¹Servicio Geológico Colombiano

²Universidad de Caldas

Key words: Nevado del Ruiz Volcano, interdisciplinary work, coproduction, social volcanology, territory

Understanding the communities from their culture, tradition and relationship with the territory is the basis to introduce the volcanic risk management and the importance of science for their development, benefit and safety. The Colombian Geological Survey and the University of Caldas have been working with some communities living in the high hazard zone of Nevado del Ruiz volcano in the proximal and distal zones. The work was developed with children and teenagers of La Laguna and Nuevo Rio Claro schools, both in the municipality of Villamaría. The projects "Our Territory Seed of Life" and "Spinning Fabrics of Individual and Collective Memory" were developed and the group was able to understand himself as part of its territory, knowing the behavior of the volcano with strategies like the analogy with the own body and feelings, living as an alive human being with similar characteristics and an appearance that has changed over the years and transforming the lives of those living near the volcano or rivers that are under high volcanic hazard. The people living on these areas are rebuilding the history of their territories through the oral tradition and the transformation as a life promoters and safeguards through good preventive practices based on the knowledge of the volcanic risk, their territory and themselves. The projects promote the value of life and the family involvement to prevent disasters on its territory as occurred on November 13th, 1985.