

## Cities on Volcanoes 9 November 20-25, 2016 Puerto Varas, Chile 'Understanding volcanoes and society: the key for risk mitigation'



## OVDAS, instrumental network over 43 volcanoes concentrated in just one observatory

## Robert Rengifo, Claudio Vidal

<sup>1</sup>Observatorio Volcanológico de los Andes de Sur, Servicio Nacional de Geología y Minería. Rudecindo Ortega 03850, Temuco, Chile.

Keywords: Monitoring network, instrumentation, real time.

The Chilean Volcanological Observatory follows up the 43 most active volcanoes of Chile, which are located over 4000 km in the Central and Southern Andes Volcanic Zones, which host quite different geographical and climatic conditions, making challenging the deployment of an instrumental network. This work shows both achievements and challenges when the whole monitoring network is focused in just a single volcanic observatory.