

TRABAJOS ACEPTADOS / ACCEPTED WORKS
(PRESENTACIÓN ORAL/ ORAL PRESENTATION)

- 1.- Análisis de Hielo Marino Mediante Polarimetría en Bahía Fildes, Isla Rey Jorge Shetland del Sur, Antártica.
- 2.- Recent glacier area variations at Cerro O'Higgins (48°30'S, 73°10'W), Southern Patagonian Icefield
- 3.- Ice elevation changes surveyed with Airborne Laser Scanning Data
- 4.- SDR Cloud Radar development with reused Radio Telescope Components
- 5.- Photogrammetric Monitoring Concept for Remote Landslide Endangered Areas Using Multi-Temporal Aerial Imagery
- 6.- Multi-Spectral Radar Measurements of Ice and Snow Using Manned and Unmanned Aircraft
- 7.- Multispectral Imaging System with UAV Integration Capabilities for Crop Analysis
- 8.- Mapping the post-fire vegetation recovery by NDVI time series
- 9.- Ice thickness surveys of the Southern Patagonian Ice Field using a low frequency ice penetrating radar system
- 10.- Identificación del campo de deformación cortical del Complejo Volcánico Cavihue-Copahue, mediante el algoritmo DinSAR SBAS.
- 11.- Inferring Subglacial Topography of the Emerald Icefalls (King George Island, Antarctica) from Ice Surface Terrestrial Laser Scanning

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- 12.- A low-cost UAS for monitoring vertical wind distribution
- 13.- Converting 350 μm tipper opacity to precipitable water vapor for extremely dry sites
- 14.- Determination of Spatio-temporal Velocity Fields at grey Glacier Using Terrestrial Image Sequences and Optical Satellite Imagery.
- 15.- Evaluation of Landsat 8 and Sentinel-2A data on the correlation between geological mapping and NDVI
- 16.- Mapeo de la superficie afectada por la presencia de Hieracium pilosella en un predio de la región de Magallanes y Antártica Chilena, mediante el uso de imágenes Sentinel-2
- 17.- Downscaling SMAP soil moisture images with wavelets transform and PCA method
- 18.- Real-time transmission of time-lapse imagery of glaciers in the southern Andes

TRABAJOS ACEPTADOS / ACCEPTED WORKS
(SESIÓN DE POSTER/ POSTER SESSION)

- 1.- Ground topography validation of a high resolution DEM and orthophotos obtained with a commercial UAS
- 2.- Analysis of snow surface dynamics in the Darwin mountain through satellite images optical and its relationship with data climate (2004-2016)
- 3.- Effects of El Niño/La Niña on the climatic values of aerosol optical thickness for the Valdivia city, Chile
- 4.- Collaborative Monitoring of Marine Fauna
- 5.- High Resolution FM-CW Radar for Internal Layers Mapping in Cold Ice
- 6.- An integrated bathymetric and seismic profiling system for glaciomarine/glaciolacustrine studies
- 7.- Classifying fruit-tree crops by Landsat-8 time serie
- 8.- Land Surface Phenology Trends of the Isla Grande de Tierra del Fuego from 15 years MODIS data
- 9.- A Model SAR Backscatter X-Band for Dry Snowpack
10. Cadastral Stereo Plotting Production from Unmanned Aerial Vehicles Imagery
- 11.- Ice thickness changes at Aparejo Glacier in central Chile from interferometric satellite data