



## **NOVEDADES DE LA ALVO**

### **Resumen de actividades 2013-2014**

### **Summary of ALVO News 2013-2014**

This report summarizes the activities of the Latin American Volcanological Association (ALVO) in the period 2013-2014, which are described in detail and with figures in the document titled “Novedades de la ALVO 2013-2014”:

#### **1) GENERAL ASSEMBLY – NOVEMBER 2012 – COLIMA, MEXICO**

The General Assembly took place as part of the Cities on Volcanoes Conference, in Colima, Mexico. In this event a new executive board was designated, which included:

Dr. José G. Viramonte (Argentina) – President

Dr. José Luis Palma (Chile) – Vice-president

M.Sc. Jersy Marino (Perú) – Secretary General

Dr. Gustavo Córdoba – Press Secretary

Regional Advisors: Dr. Ramón Espinasa (México), Dr. Lizzette Rodríguez (Central America and Caribbean), Dr. Silvana Hidalgo (Northern South America), and Dr. Alberto Caselli (Southern South America)

#### **2) COURSES SPONSORED BY ALVO (2012-2013)**

**3<sup>rd</sup> Edition of the Virtual Volcanology Course 2013:** The course took place between August and November 2013, coordinated by Dr. Hugo Delgado Granados (México), organized by the UNAM, and sponsored by ALVO and IAVCEI. >140 professionals and graduate students from Latin America participated.

**International Forum on Geological Hazards: Volcanoes, Earthquakes, and Mass Wasting:** The forum took place in Arequipa, Perú on October 14-16, 2013, and included 3 sessions: a) geoscience research, b) risk prevention and reduction, c) preparation, response and rehabilitation. The event had 552 participants and included 42 oral and 12 poster presentations, 4 plenary talks, and a roundtable titled “Disaster risk management”.

**Course on “Preparation of Geologic Hazard Maps”:** The course, given by Dr. Hugo Delgado, took place on October 13, 2013, in Arequipa, Perú, and was organized by the Volcanological Observatory of INGEMMET (OVI) and sponsored by ALVO. It had 34 participants.

**International Central Andes Volcanological Field Course:** The 20<sup>th</sup> edition of the course was organized by the National University of Salta and CONICET (GEONORTE-INENCO Institutes), organized by Dr. José G. Viramonte, and sponsored by ALVO, IAVCEI, CONICET and CONAE. It took place on November 11-18, 2013. The group of professors involved included Guido Giordano (Italia), Shanaka de Silva (USA), Gianfilippo De Astis (Italy), Marcelo Arnosio, Raúl Alberto Becchio and José G. Viramonte (Argentina).

**Summer School 2014 (Special Edition) of the National University of Río Negro – Argentina – INTERNATIONAL COURSE ABOUT TECHNIQUES OF STUDY IN ACTIVE VOLCANOES (second edition):** The course will take place in Caviahue-Copahue, on March 5-13, 2014. It is organized by Dr. Alberto Caselli and sponsored by ALVO. The group of professors includes: Dr. Mariano Augusto (Argentina), Dr. Bruno Capaccioni (Italy), Dr. Sergio Calabrese (Italy), Dr. Carlo Cardellini (Italy), Dr. Alberto Caselli (Argentina), Dr. Giovanni Chiodini (Italy), Dr. Pablo Euillades (Argentina), Dr. Andrés Folguera (Argentina), Dr. Víctor García (Argentina), Dr. Fernando Gil (Chile), Dr. Michael Ort (USA), Eng. Luisa Macedo Franco (Perú), M.Sc. Jersy Mariño (Perú), Dr. José Luis Palma (Chile), Dr. Franco Tassi (Italy), Dr. Giancarlo Tamburello (Italy), Dr. Maurizio Ripepe (Italy), Dr. Orlando Vaselli (Italy), and Dr. María L. Vélez (Argentina).

### **3) ROLE OF ALVO DURING VOLCANIC CRISES**

The association was involved and collaborated in a number of volcanic crises during 2013-2014:

#### **Copahue Volcano (Argentina-Chile)**

Two crises: December 2012 and May 2013.

#### **Fuego Volcano (Guatemala)**

Collaboration since September 2012, especially in studies of secondary lahars, ash and gas plumes.

#### **Ubinas volcano (Perú)**

Events on September 2013.

#### **Tunguragua Volcano (Ecuador)**

Four eruptive crises during 2013:

- March 1-17
- April 24 to May 16
- July 14 to August 5
- October 7 to November 5

#### **Popocatepetl Volcano (México)**

Increase in activity since April 2013, culminating in an explosive event on June 17.

#### **San Miguel Volcano (El Salvador)**

Eruptive crisis started with an explosive event on December 29, 2013.

#### **Cumbal, Galeras, Sotara, Nevado de Huila and Nevado del Ruiz volcanoes (Colombia)**

Activity characterized by signs of unrest but no volcanic crises.

#### **4. FUTURE ACTIVITIES**

ALVO approved sponsoring the 19<sup>th</sup> Argentine Geological Congress, which will take place in Córdoba, Argentina ([www.congresogeologico.org.ar](http://www.congresogeologico.org.ar)), on June 2-6, 2014.

The 4<sup>th</sup> edition of the Virtual Volcanology Course organized by UNAM ([http://www.geofisica.unam.mx/popoc/educacion/curso\\_vulcanologia.html](http://www.geofisica.unam.mx/popoc/educacion/curso_vulcanologia.html)) and sponsored by ALVO, will take place in the months of August to November 2014. The registration will have a cost of 50 US\$, but scholarships will be available.

The 21<sup>st</sup> edition of the International Central Andes Volcanological Field Course will take place on the second half of November 2014.

The elections for new vice-president, secretary general and regional representatives will take place during October 2014. The General Assembly is being planned for November 5, in Quito, Ecuador. The elected members of the executive board will be introduced and the position of President will be passed to the current vice-president, Dr. José Luis Palma. A course on the preparation of volcanic hazard maps will be scheduled before or after the General Assembly.