



# The ALVO Network...

## What is ALVO?

**Lizzette A. Rodríguez, Mariana Patricia Jácome-Paz, Pablo Forte,  
Mariano Augusto, Jorge Romero, Rosario Vázquez, Carla Chún,  
Daniel Bertín, Julián Ceballos, Camila Zúñiga, Yemerith Alpízar**



The Latin American Association of Volcanology (ALVO) was created on November 7, 2010, at Manizales, Colombia.

\*Delegates from México, Guatemala, El Salvador, Nicaragua, Costa Rica, Panamá, Colombia, Ecuador, Perú, Argentina, and Chile.

The poster features a background image of a snow-covered volcano with a large plume of white smoke or ash rising from its crater. The sky is a pale blue with soft clouds. In the top left corner, there is a blue graphic of a volcano with a trail of stars or sparks rising from it. The text is primarily in Spanish. At the top center, it says 'Conmemoración' in a small font, followed by '25 Años' in a large, bold, blue font. Below this, it reads 'Erupción Volcán Nevado del Ruiz' in a smaller font. Further down, the phrase 'Armero, lección de vida para futuras generaciones' is written in a medium-sized font. On the right side, the dates and locations are listed: 'Manizales' in blue, '8 - 9 y 10 Noviembre' in black, 'Ibagué' in blue, and '11 y 12 Noviembre' in black. In the bottom right corner, there is a section titled 'Informes' in blue, followed by 'Unidad de Prevención y Atención de Desastres' in a smaller font, and contact information: 'Edif. Licería Piso 3 - Tel: 6045393' and 'INGEOMINAS Manizales Tel: 6043004'. At the bottom of the poster, there is a blue horizontal bar with five white text labels: 'AFICHE', 'PROGRAMACIÓN', 'GUÍA DE EXCURSIÓN', 'ALVO', and 'SESIONES TÉCNICAS'.



# Consejo Directivo/Executive Committee

(2021 – 2022)

**Pres.** Mariana Patricia Jácome Paz

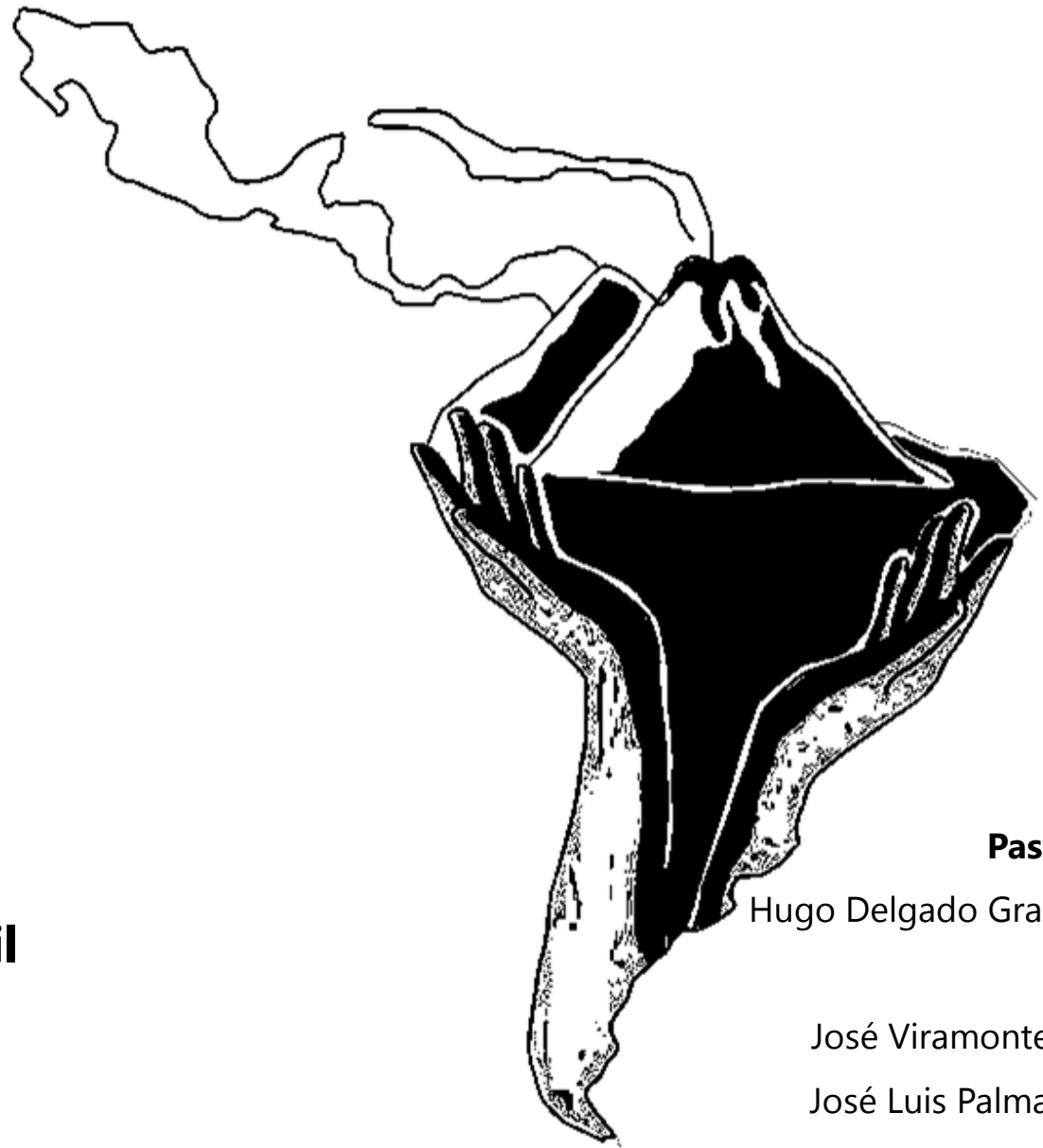
**Vic.** Pablo Forte

**SG.** Jorge Romero

- Rosario Vázquez- **R. Norteamérica**
- Carla Chún- **R. Centroamérica y Caribe**
- Julián Ceballos- **R. Sudamérica Norte**
- Daniel Bertín- **R. Sudamérica Sur**
- Camila Zúñiga, Yemerith Alpízar- **R. Estudiantil**

**Pres. Ex.** Mariano Augusto

**Tes.** Lizzette Rodríguez



## Past Presidents:

Hugo Delgado Granados (2010-2012)

José Viramonte (2013-2014)

José Luis Palma (2015-2016)

Lizzette A. Rodríguez (2017-2018)

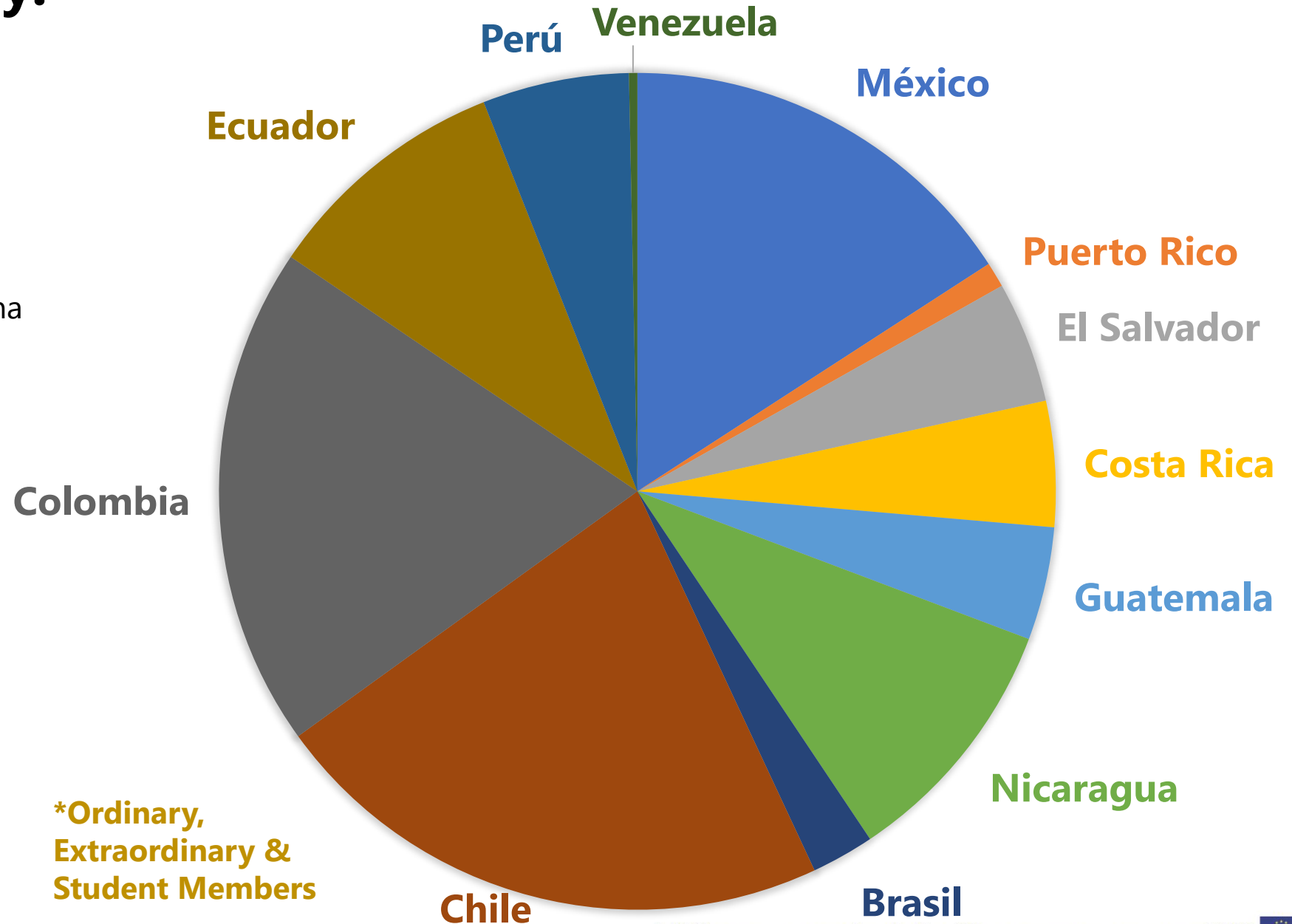
Mariano Augusto (2019-2020)

# Members by country:

>1300 members

## Honorary Members:

- Michael J. Carr
- Thomas J. Casadevall
- Servando de la Cruz Reyna
- Ramón Ortiz Ramis
- William I. Rose
- Michael F. Sheridan
- Robert I. Tilling
- Minard L. Hall
- Setsuya Nakada
- John Pallister
- Franco Tassi
- Randy White
- Salvatore Inguaggiato
- Jean- Claude Thouret
- Dr. Steffen Kutterolf
- Marta Calvache
- Patricia Mothes



# **Initiatives and events organized, co-organized, or sponsored**

# Encuentros/Meetings of Latin American Volcano Observatories (2015 & 2018)

## Arequipa, Perú



50-70 participants: 8-11  
countries, 18-23 institutions

- Recent crisis
- Challenges
- Emergency protocols
- Communication and education strategies
- ...



## Curso Virtual y Presencial de Vulcanología

- Graduate School – Earth Sciences, UNAM
- ~10 editions
- International experts



# International Course of Volcanology of the Central Andes, Salta, Argentina

## Support to educational activities

- 25 editions - >600 students
- Organized by the Instituto GEONORTE  
Universidad Nacional de Salta &  
Unidad de Recursos Geológicos y  
Geotérmicos, INENCO (CONICET-  
UNSA)
- Sponsored by ALVO, IAVCEI &  
UNESCO
- Annually: ~25 participants, partial  
grants to graduate students



# 1er Encuentro/Meeting Jóvenes Volcanólogos Latinoamericanos (JVLA)



- High participation and representation from the region
- Need for interaction and development of cooperation networks
- Lack of opportunities for formation



# Programa de Pasantías/Internships in Latin American Volcano Observatories

- Formation of human resources
- Cooperation between Universities and Observatories
- Cooperation with JVLA
- Development of tools of collaboration, education, and evaluation

2018 Ecuador → Chile

2019 Chile → Costa Rica  
Chile → México

2018  
Ecuador → Chile

37 candidates (7 countries) → 3 selected → Interviews

**Patricia Rengel, undergraduate student**  
**Universidad de Yachay Tech, Ecuador**

8 weeks – Observatorio Volcanológico de los Andes del Sur (OVDAS)

SERNAGEOMIN – Santiago

OVDAS – Temuco

Field work: Guallatiri, Taapaca, Parinacota, Llaima volcanoes

2019  
Chile → Costa Rica  
Chile → México

71 candidates (11 countries)

23 México → 3 selected → Interviews

48 Costa Rica → 3 selected → Interviews

**Camila Zúñiga, Geology student - Universidad de Chile**

6 weeks OVSICORI – Heredia

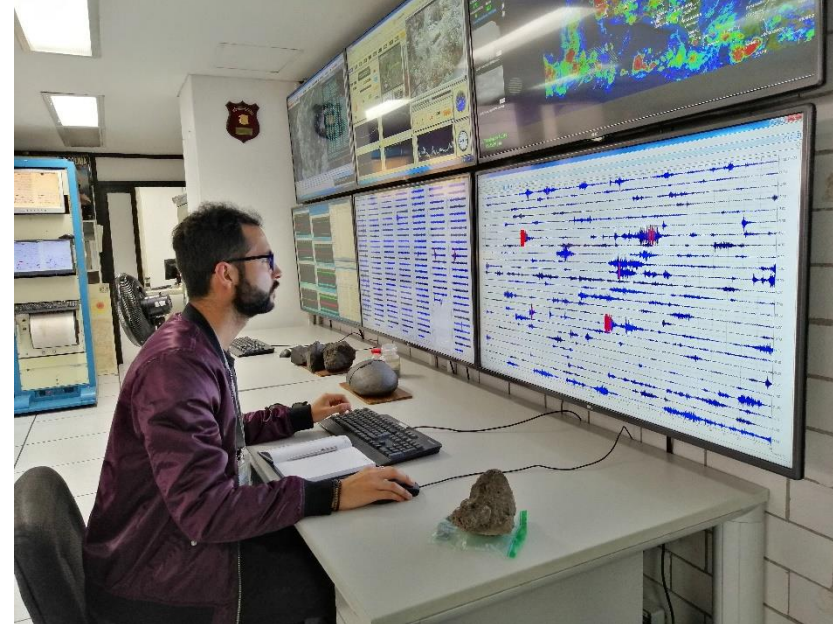
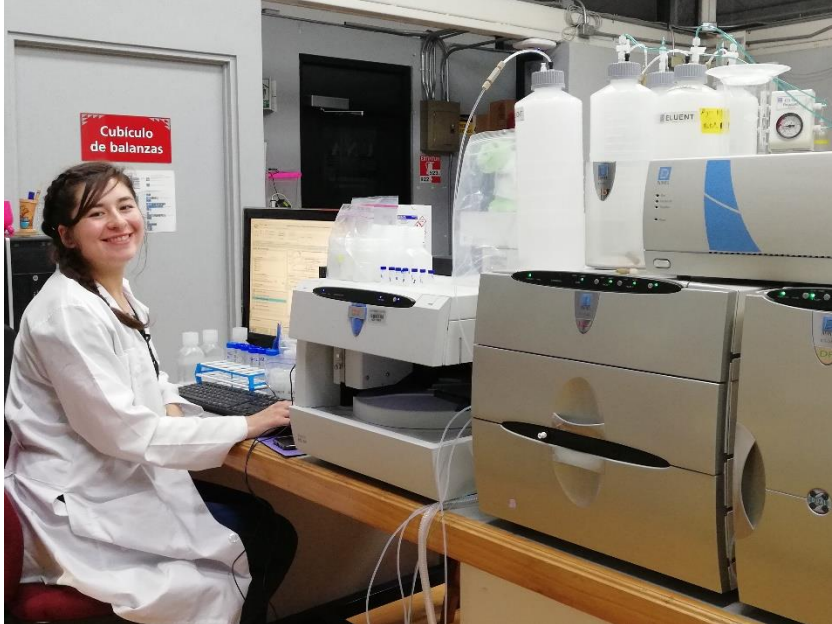
Field work: Poás, Turrialba

**Alfredo Esquivel, doctoral student - Universidad Católica del Norte, Chile**

8 weeks: CENAPRED – CDMX, Instituto Geofísica – Morelia, C-GEO – Juriquilla

Field work: Popocatepetl







# Memorandum of Understanding with IAVCEI

## ✓ ***Associated bodies***

- ✓ MOU signed in 2018 – first of its kind
  - ✓ Objectives: to improve/motivate (fomentar) more active participation of the Latin American community in IAVCEI
  - ✓ Formalize the support procedures for different events organized by ALVO

Welcome to the website of CERG-C!

Registration for the 2020 session now CLOSED



SPECIALISATION CERTIFICATE  
**ASSESSMENT AND MANAGEMENT OF  
GEOLOGICAL AND CLIMATE-RELATED RISK**  
**33<sup>rd</sup> edition**

**April 14 - June 12, 2020**  
**University of Geneva, Switzerland**



Hazard assessment & risk management related to:

- Earthquakes
- Landslides
- Volcanic Eruptions
- Floods
- Climate change

Admission requirements:  
Graduate degree in various fields of Earth Sciences  
(i.e. Geology, Geography and Geotechnics), Civil  
Engineering, Land planning or other fields with  
relevant professional experience.

The course is given in English and includes  
9 weeks of lectures, laboratory exercises, field work  
and an individual research project (stay for  
research in Geneva possible, June 13 - July 3)



Stromboli volcano (Italy), July 2019



Earthquake Luzon (Philippines), May 2019



Flood (Mozambique), April 2019



Application deadline : **SEPTEMBER 15, 2019**

For further information, contact:

CERG-C - Department of Earth Sciences - 13, rue des Maraichers - 1205 Geneva, Switzerland  
E-mail: [cerg@unige.ch](mailto:cerg@unige.ch), Phone: + 41 22 379 66 02, Fax: + 41 22 379 36 01  
Website: <http://www.unige.ch/hazards>, FB: CERGC.UNIGE

# Alianza CERG-C - ALVO

- Development of evaluation and education tools.
- Formation of human resources in the topic of risk.
- Development of Projects ALVO – CERG in Latin America
- Possibilities of cooperation

**2019**

Amiel Nieto Torres, México

Leticia Freitas Guimaraes, Brasil

**2020**

Fernanda Flores, Ecuador





**March 22-26, 2020**



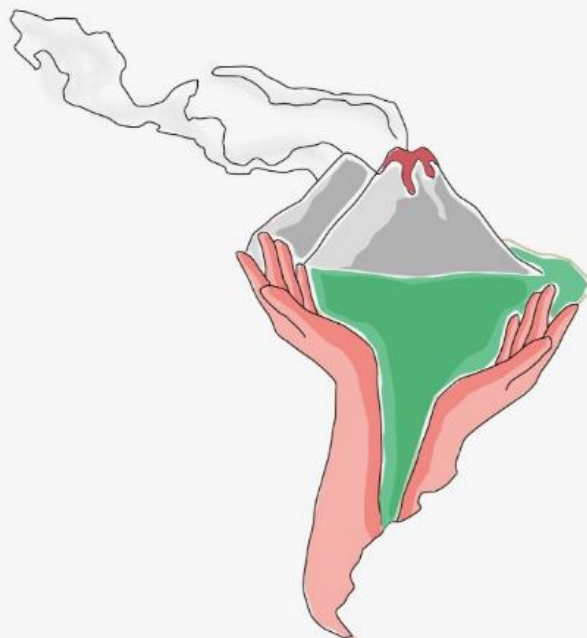
# Aparta la Fecha

## Evento virtual:

"El 1er Congreso ALVO y la volcanología en el actual contexto Latinoamericano"

Conéctate con ALVO para reflexionar y aprender.

**Martes 26 de noviembre, 16 horas UTC**



Pronto mayor información.

Recuerda que hacerte miembro de ALVO es muy fácil. Escribe a: [alvo.comunicaciones@gmail.com](mailto:alvo.comunicaciones@gmail.com)

# **Virtual Event: El 1er Congreso ALVO y la volcanología en el actual contexto Latinoamericano (*The First ALVO Congress and volcanology in the current Latin American context*)**

- November 26, 2019 - hosted by Universidad Nacional Autónoma de México (UNAM)
- ~110 participants (Latin America, USA, Europe)
- *Main focus:* discuss aspects of disaster risk reduction in the context of Latin America
- *Motivation:* cases like Fuego 2018 in Guatemala, in which the conflict of the “guerrillas” caused the relocating of the population without knowing the hazards; 1982 - Chichón volcano - bad management led to territorial conflicts.

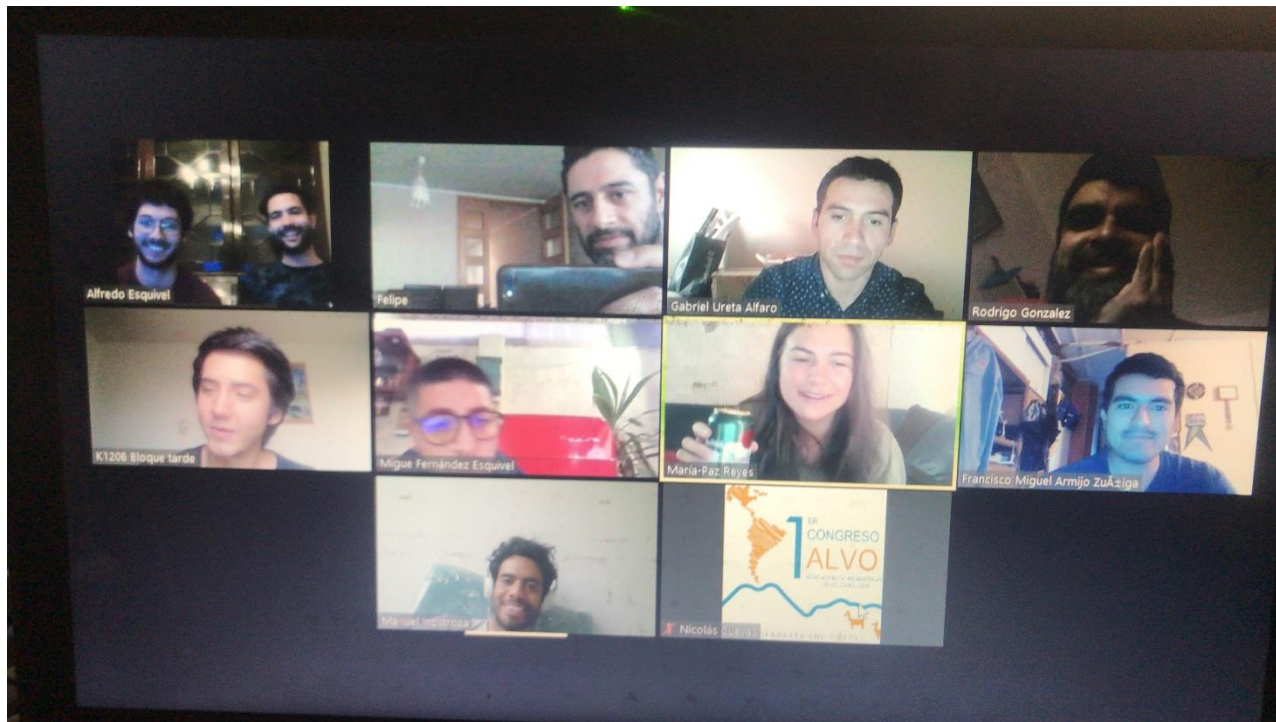
# **Virtual Event:** El 1er Congreso ALVO y la volcanología en el actual contexto Latinoamericano (*The First ALVO Congress and volcanology in the current Latin American context*)

- The event demonstrated the interest in continuing dialogue and of generating more opportunities to reflect on these topics as part of ALVO's agenda.
- ALVO is serving as a platform to motivate and create strategies of collaboration among volcanologists of Latin America and social researchers and colleagues dedicated to risk management.

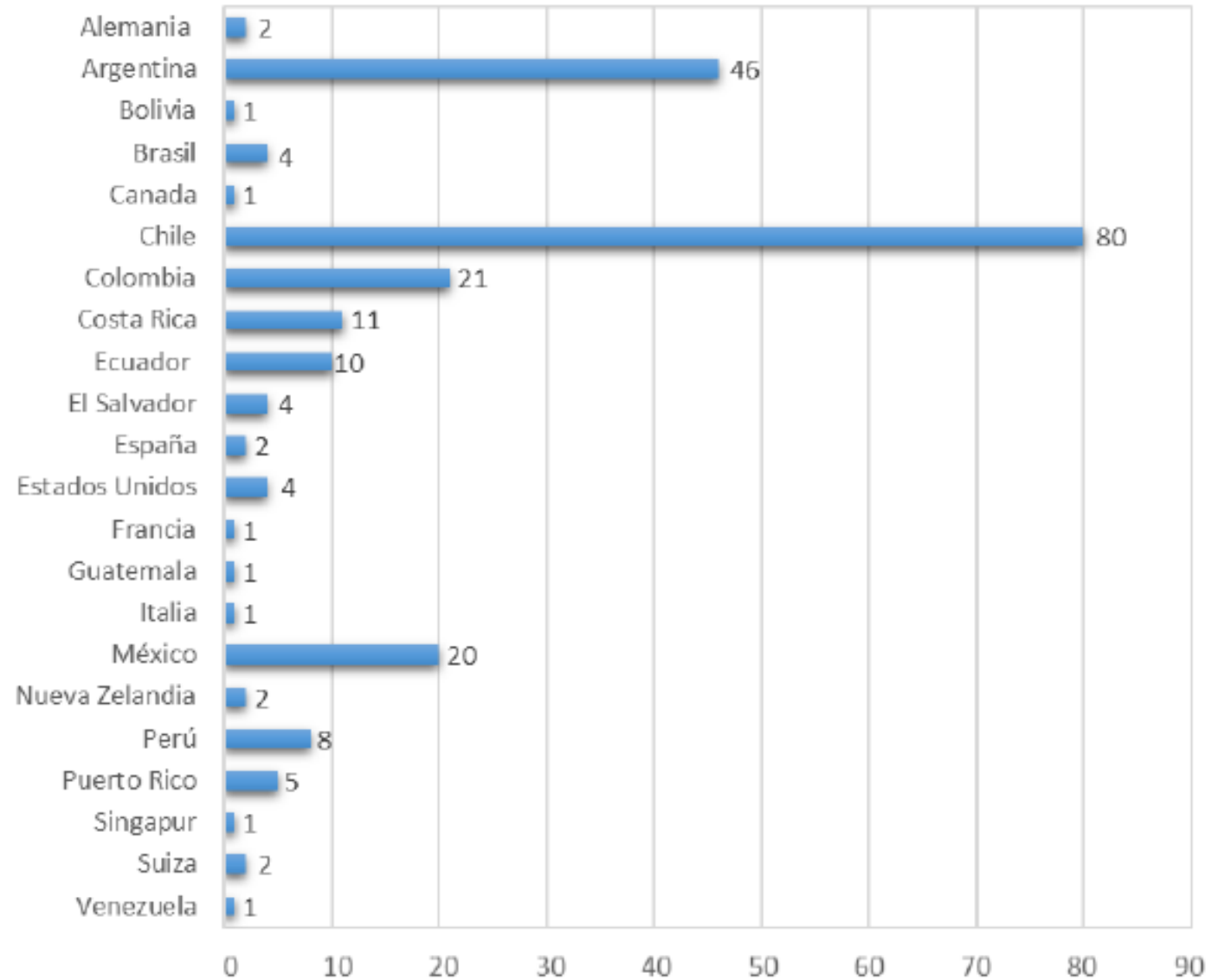


# First ALVO Congress

- First international conference held completely in virtual modality (changed in 10 days)
- 5 thematic sessions, divided in 30 scientific sections, with over 200 presentations (poster, oral, and plenary talks), as well as a photograph exhibit and a forum (Foro ALVO)
- Working group: 21 people, in charge of hosting the 7 virtual rooms
- Each day hosted up to 200 participants simultaneously among the virtual rooms; the peak in audience was for the 2 plenary talks, with an audience of ~145 participants.
- The success of the events is an example of the strong ties of Latin American collaboration and interest in the development of volcanology.



# Participant statistics



Data  
provided by:



# Since the First ALVO Congress...

- ALVO demonstrated its capacity to adapt to the changes and situations that arose.
  - Virtual activities in recent years:
    - 2019: 1 event
    - 2020: 7 events, 1390 participants
    - 2021: 13 events, 1689 participants
    - Another 11 virtual events were supported or hosted by ALVO.
    - Varied in duration from a few hours to events lasting a week.

**CAMPUS PUCÓN**

**40 años 1981-2021**  
UNIVERSIDAD DE LA FRONTERA

# Conversatorio "Aspectos Culturales y Psicosociales del Riesgo Volcánico"

Transmisión online por **YouTube LIVE** **28 DE SEPTIEMBRE DE 2021**  
Horario de transmisión: 11:00 hrs de Chile / 09:00 hrs de Colombia y México

**Dra. Elizabeth Ojeda Rosero**  
Psicóloga  
Especialista en Gerencia Social  
Magister en Etnoliteratura  
Doctora en Psicología  
Universidad de Nariño, Colombia

**Dr. Raymundo Padilla Lozoya**  
Licenciado en Letras y Periodismo,  
Maestro en Historia  
Doctor en Antropología  
Universidad de Colima, México

Logos: Universidad de la Frontera, Universidad de Nariño, Universidad de Colima, ALVO

**DIC. 8 2021** **COMIENZA 20H UTC**

**TRANSMISIÓN EN VIVO POR**  
f OficialALVO  
YouTube OficialALVO

# INVESTIGACIÓN VOLCÁNICA EN NORTEAMÉRICA "MÉXICO"

**Dr. Amiel Nieto Torres**  
Instituto de Geofísica, UNAM  
Cuantificando el riesgo volcánico en México.

**Dr. Jaime Alberto Cavazos Álvarez**  
Centro de Geociencias, Universidad Nacional Autónoma de México (UNAM)  
Historia de la mayor erupción de la Faja Volcánica Trans-Mexicana

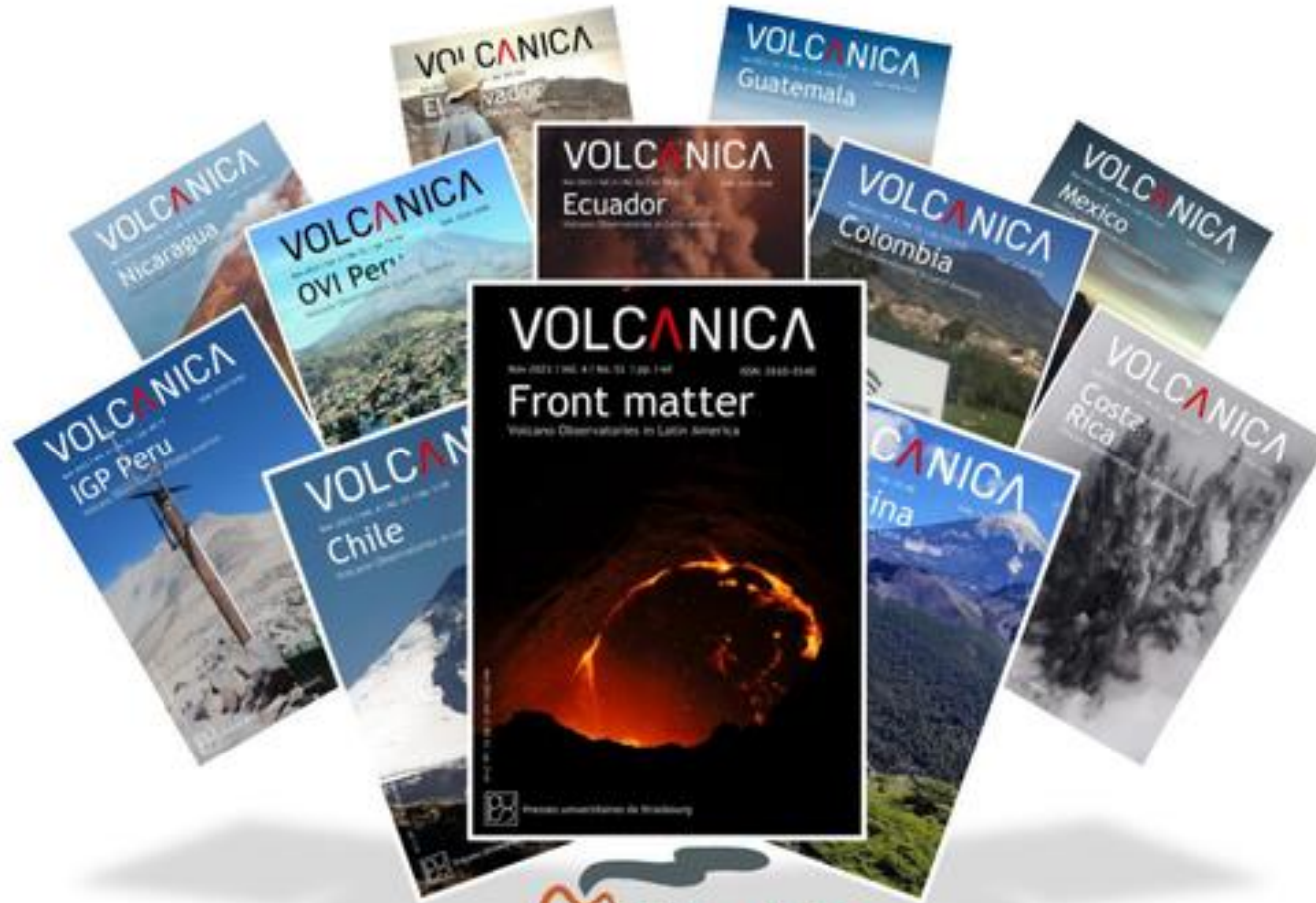
Síguenos OficialALVO

Organiza **ALVO**  
Asociación Iberoamericana de Volcanología

*Imagen recuperada de DM.com*

# COLAB. ALVO-VOLCANICA

## OBSERVATORIOS VOLCANOLÓGICOS



**November  
2021**

# Society and Volcanology (SOVOL)



The **Latin American Association of Volcanology (ALVO)** and the **Journal of Latin American Studies on Disaster Risk Reduction (REDER)**, invite you to participate in this Special Issue Society and Volcanology.

## Topics

- Social construction of risk
- Social vulnerability
- Risk perception
- Risk communication
- Media in risk communication
- Risk management
- Citizen science
- Communication of uncertainty associated to natural hazards
- Sociocultural aspects of risk and territory
- Risk and capacity building
- Community psychosocial processes in risk management
- Community-based disaster risk management
- Environmental and territorial perception
- Risk and health
- Participatory methodologies in risk management and participative approaches in risk management
- Aesthetic experiences and /o arts in disaster risk management.

## Requirements

- Papers based in Latin America are encouraged, but other regions are not excluded.
- Proposals must represent **original and unpublished works**
- **Abstracts** must have a **maximum length of 700 words**. They can be presented in English or Spanish.
- The **manuscript** must **follow the requirements** established by **REDER**.
- The final manuscript must be submitted with an abstract and keywords in Spanish and English. The main text can be in Spanish or English.

## Key dates

- **Abstract submission deadline:** April 15, 2022
  - **Abstract acceptance notice:** May 30, 2022
  - **Full paper submission deadline:** August 30, 2022
  - Deadline on which the **authors will receive the manuscript review:** December 30, 2022
  - Maximum date in which the **work will be accepted** with all the corrections and editorial comments made: May 15, 2023
  - **Special Issue publication:** July 1, 2023
- Once the final work is accepted, it can be preliminarily published in the Ahead-of-Print format until its final publication.

### Who can submit?

We welcome contributions from sociologists, anthropologists, geographers, social workers, geologists, volcanologists, practitioners, psychologists, health workers, risk managers, stakeholder, decision makers among other disciplines who are **focused on volcanic risk reduction and socio-environmental relationships**. Contributions from NGOs, volcanological observatories, Civil Protection and community organizations or other non-academic fields are especially welcome.



### Submit your abstract

Abstract submission deadline: April 15, 2022

#### Google Form

<https://forms.gle/mwkzBT8TXXTB8nHo8>

✉ Questions or comments to [volumen.alvo@gmail.com](mailto:volumen.alvo@gmail.com)

## Special Issue Editors

- Lizeth Caballero García, Facultad de Ciencias, Universidad Nacional Autónoma de México (UNAM), México.
- Mariana Patricia Jácome Paz, Instituto de Geofísica, Universidad Nacional Autónoma de México (UNAM), México
- Deysi Ofelmina Jerez Ramírez, Universidad de Ciencias y Artes del Estado de Chiapas (UNICACH), México.
- William Oswaldo Gaviria, Observatorio Psicosocial para la Gestión del Riesgo de Desastres, Universidad de Manizales, Colombia.
- Andrés Marín Ricke, Centro de Estudios del Desarrollo Regional y Políticas Públicas (CEDER). Universidad de los Lagos, Chile.

# Cities on Volcanoes 12

- February 2024
- ALVO in charge of the Program



**+2<sup>nd</sup> ALVO Congress**

**+3<sup>rd</sup> Meeting of Latin American Volcano Observatories**

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# Challenges through time

- I. Get more active participation from all the ALVO membership
- II. Strengthen the Committees (*Education, Research, Diffusion*)
- III. Strengthen our exposure in social networks
- IV. Improve the image of ALVO in regions of low membership
- V. Obtain financial support for activities and different initiatives

**¡Gracias! Thank you!**



**For communication with ALVO:**

***Secretary General – Dr. Jorge Romero***

**[alvo.comunicaciones@gmail.com](mailto:alvo.comunicaciones@gmail.com)**