



Chilean Scientific Community Workshop

An NSF-sponsored workshop on subduction zone geohazards
May 9-11, 2022 | Termas El Corazón, Chile

Conference Room: Azúl Room
Breakout Rooms: San Francisco, San José, Juncal

MONDAY MAY 9

12:00-14:30 | Early Career Symposium (Brunch, Azúl Room)

Discussion Leaders: Anaïs Férot, Diana Roman, Carolina Muñoz-Saez

The Early Career Symposium is open to all, particularly to students and postdocs. The event is designed to provide time for the participants to meet their fellow attendees in a low pressure environment and learn about the organizations involved and meeting objectives.

12:00-12:30 | Welcome, Introductory Remarks, overview of meeting objectives, and presentation of activity *Constructing and practicing your elevator speech*

12:30-12:45 | Preparation

12:45-14:15 | Activity

14:15-14:30 | Wrap-up

14:30-15:00 | Coffee and registration (lobby Azúl Room)

15:00-16:30 | Welcome

15:00-15:05 | Welcome and overview of meeting objectives

15:05-15:25 | Introductory Remarks from Chilean and US Funding Agencies

- Alejandro Cecioni, Subdirector Nacional Servicio Nacional de Geología y Minería (SERNAGEOMIN)



- Ricardo Toro, Director Oficina Nacional de Emergencia del Ministerio del Interior y Seguridad Pública (ONEMI)
- Sharapiya Kakimova, Agencia Nacional de Investigación y Desarrollo (ANID)
- Jennifer Wade (video), US National Science Foundation (NSF)

15:25-16:00 | Emily Brodsky, SZ4D: Overview Presentation

16:00-16:30 | Questions & Discussion

16:30-17:00 | Coffee Break

17:00-19:30 | Instrumentation and Science along the Chilean Subduction Zone

- Chilean Monitoring Agencies

17:00-17:20 | Sergio Barrientos: Centro Sismológico Nacional (CSN)

17:20-17:40 | Alvaro Amigo: Servicio Nacional de Geología y Minería (SERNAGEOMIN), Red Nacional de Vigilancia Volcánica (RNVV)

- Chilean Research Groups

17:40-18:00 | Andrés Tassara, Universidad de Concepción: Review of scientific development, current initiatives and future perspectives on Chilean subduction zone science

- Argentine Government Agencies & Research Groups

18:00-18:10 | Gustavo Federico Ortiz: Instituto Nacional de Prevención Sísmica (INPRES)

18:10-18:20 | Pablo Forte: Universidad de Buenos Aires - Servicio Geológico Minero Argentino

18:20-18:30 | Stella Moreiras: Instituto Argentino de Nivología, Glaciología y Ciencias Ambientales

18:30-19:00 | Questions & Discussion

20:00 | Dinner (Mirador Room)



Tuesday May 10

7:00-8:30 | Breakfast (Galería Room)

8:30-13:00 | Breakout session 1 - Discussion Leader

THEME: What are the most important questions for gaining understanding of subduction zone hazards in Chile?

8:30-9:00 | Breakout instructions. Participants will be divided in four groups and sent to respective breakout rooms: 1) Faulting and Earthquake Cycle A, 2) Faulting and Earthquake Cycle B, 3) Magmatic Drivers of Eruption and 4) Landscapes & Seascapes. | George Hilley and Diana Roman

9:00-10:00 | Breakout Meetings

Breakout 1A - Room Azúl

Breakout 1B - Room San Francisco

Breakout 1C - Room San José

Breakout 1D - Room Juncal

10:00-10:30 | Coffee Break

10:30-11:30 | Breakout Meetings

Breakout 1E - Room Azúl

Breakout 1F - Room San Francisco

Breakout 1G - Room San José

Breakout 1H - Room Juncal

11:30-13:00 | Plenary Discussion - Breakout reports session 1

13:00-14:30 | Group photo & lunch (Mirador Room)

14:30-15:00 | Lightning Talks related to Poster Session (1 min each - sign up)



15:00-18:00 | Breakout session 2 - Discussion Leader

THEME: *Activities and Arrays. What instrumentation and activities will answer the questions?*

15:00-15:30 | Breakout instructions. Participants will be divided randomly in 4 groups and sent to respective breakout rooms.

15:30-16:30 | Breakout Meetings

Breakout 2A - Room Azúl

Breakout 2B - Room San Francisco

Breakout 2C - Room San José

Breakout 2D - Room Juncal

16:30-17:00 | Coffee Break

17:00-18:00 | Plenary Discussion - Breakout reports Session 2

18:00-19:30 | Poster session and cash bar

19:30 | Reception (Galería Room)

Wednesday May 11

7:00-8:30 | Breakfast (Galería Room)

8:30-11:45 | Breakout session 3 Discussion Leader

THEME: *How these questions and activities could be better developed along different segments of the Chilean margin?*

8:30-8:40 | Breakout instructions. Participants will be divided randomly in 4 groups and sent to respective breakout rooms: North (18-26°S), North-central (26-33°S), Central (33-38°S) and South (38-46°S).

8:40-9:40 | Breakout Meetings



Breakout 3A - Room Azúl A

Breakout 3B - Room Azúl B

Breakout 3C - Room San Francisco

Breakout 3D - Room Juncal

9:40-10:00 | Coffee break

10:00-11:00 | Plenary discussion - Breakout reports session 3

11:00-12:30 | Thunder Talks: Ideas for projects, instrumentation and activities that will answer the scientific questions (3-5 min each - sign up)

12:30-14:00 | Lunch (Mirador Room)

14:00-15:30 | Final Plenary Session and path forward - Discussion
Leader

14:00-14:45 | Plenary panel discussion formulating recommendations

14:45-15:30 | Meeting wrap-up

15:30 | Meeting Adjourned