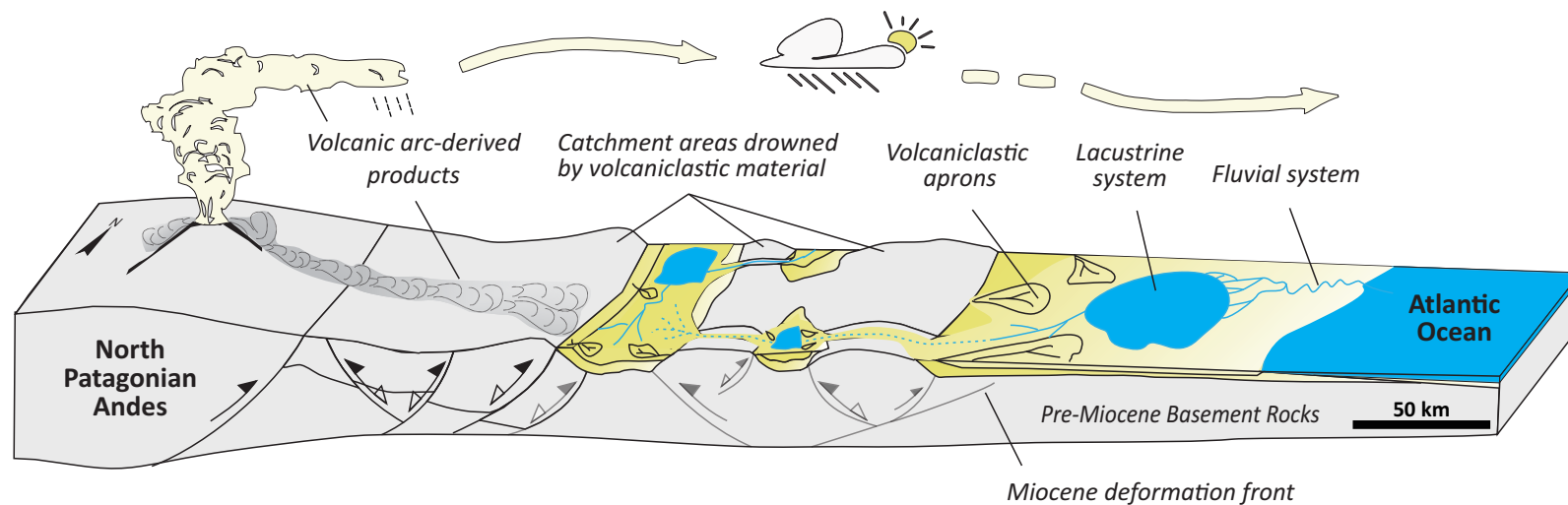


2nd Circular: itinerary and registration

The Miocene unusual volcanic-arc activity at the foot of the Andes, Patagonia, Argentina: how does volcanism affect sediment routing systems?



Field trip team

Prof. Dr. Leandro D'Elia (CONICET-UNLP), Dr. Manuel López (CONICET-UNLP), Dr. Andrés Bilmes (CONICET-UNSJB)

Invited professor: Prof. Dr. Károly Németh (SGS-EPSS)



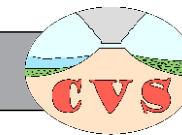
19-23 October, 2026

S.C. de Bariloche, Argentina



UNIVERSIDAD NACIONAL DE LA PLATA

The CVS goes to Patagonia



The field trip workshop is the second excursion organized by the **IAVCEI Commission on Volcanogenic Sediments (CVS)**. It consists of a five-day trip focused on volcanology and sedimentology.

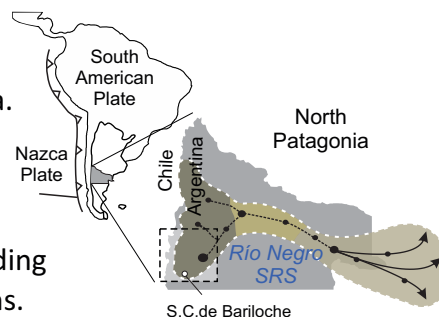
Location: San Carlos de Bariloche and its surrounding Patagonia region, Argentina.

Dates: October 19—23, 2026.

Number of participants: maximum 20

Level of fitness: Medium to high, depending on the excursions and weather conditions.

Required equipment: Hiking boots, long pants, coat, rain jacket, lamp and helmet (if available)—Sun block and hat.



Field trip leaders

The course will be led by Prof. Dr. Leandro D'Elia and Dr. Manuel López from the *Centro de Investigaciones Geológicas (CONICET-UNLP)*, La Plata; and Dr. Andrés Bilmes from the *Instituto Patagónico de Geología y Paleontología (CONICET)* and *Universidad Nacional de la Patagonia San Juan Bosco (UNPSJB)*, Puerto Madryn.

Invited Professor: Prof. Dr. Károly Németh from the Saudi Arabia Geological Survey (SGS) and the Institute of Earth Physics and Space Sciences of Hungary (EPSS).

Aims

The Miocene is one of the main orogenic cycles along the Andes. During this period, the Patagonian Andes and foreland region were influenced by arc volcanism, tectonic activity, and climatic and sea-level changes. The magmatic system shifted from steady-state to transient arc-

volcanic activity, characterized by calc-alkaline rhyolitic explosive volcanism. High volumes of pyroclastic materials were delivered affecting the sediment routing systems (SRS) that connected the Andes with the Atlantic Ocean. As a result, in the North Patagonian region, the Río Negro SRS was established; where volcanic products affected the catchment areas, obscured the erosional engine of the sediment factory and determined volcano-sedimentary supply and the accommodation space ratio that characterize the stacking patterns of the depocenters.

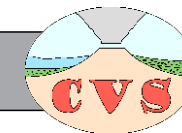


Miocene PDC deposits in ash-rich alluvial deposits of an intermountain depocenter. Detailed photo from a resedimented lapilli fallout deposit interbedded.

The field trip aims to provide an overview of the Miocene high-magmatic productivity event of the North Patagonian Batholith and its volcano-sedimentary record preserved in proximal areas. We will analyze and discuss the generation, transport, and depositional processes of PDC, fallout and secondary volcanoclastic deposits. Facies, architectural units and the volcanic and environmental significance of stratigraphic discontinuities will be integrated with facies models to evaluate independent factors that define environmental signals in the geological record. Field observations will be contextualized through presentations and debates addressing the impact of volcanism on the entire SRS. The trip is designed to provide a holistic view of working with volcano-sedimentary records, ranging from event-scale explosive products to large-scale reconstructions of volcanic arcs and foreland systems.

CVS Webpage: <https://cvs.iavceivolcano.org/>

Itinerary and registration



Itinerary

The field trip starts and ends in San Carlos de Bariloche on October 19 and 23, 2026. During the trip, we will be based at Estancia Paso Flores.

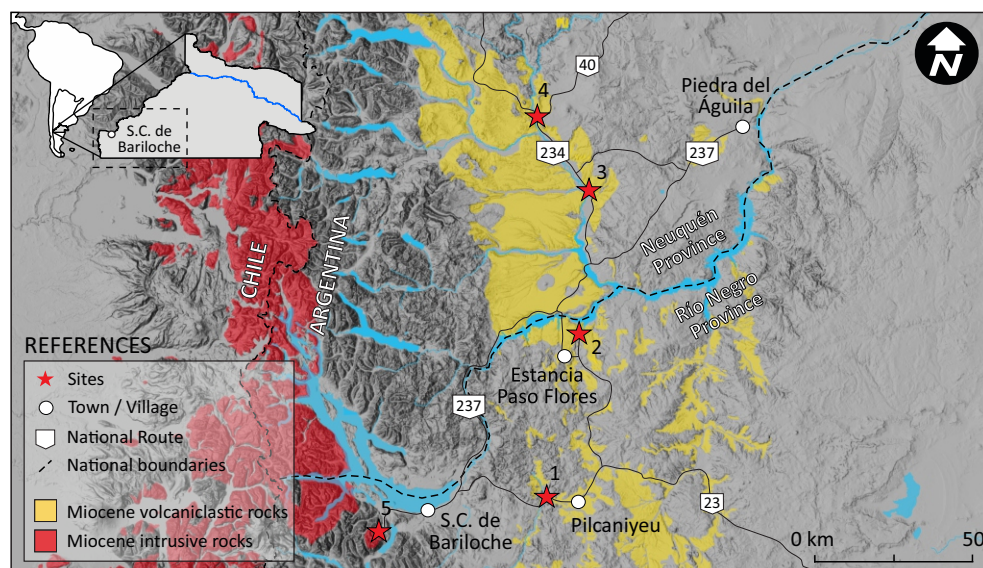
Day 1—Bariloche: Meeting point at the hotel in the early afternoon. Introductory meeting, contextualization of the field area, and dinner.

Day 2—Site 1: Early morning departure from Bariloche. Excursion to observe valley-pond PDC and fallout deposits and alluvial volcanoclastic units.

Day 3—Site 2: Excursion to observe valley-pond PDC and fallout deposits, and alluvial to fluvial volcanoclastic to epiclastic units.

Day 4—sites 3–4: Excursion to observe intrabasinal PDC units and alluvio-lacustrine volcanoclastic and epiclastic deposits.

Day 5—Site 5: Excursion to observe arc intrusive bodies. Panoramic views and closing discussion. Arrival in Bariloche in the afternoon.



Field trip itinerary across northwest Patagonia showing Site locations.

Registration

The registration fee is:

- **USD 910** — Argentine payments (USD850 + administrative costs). Payment must be made in Peso Argentino via bank transfer.
- **USD 965** — International payments (USD850 + administrative costs). Payment must be made in USD via PayPal.

Registration and payment should be completed by filling out the following form: <https://forms.gle/x5R2JUjSSvPPFP228>

The fee includes all transportation and accommodation with full board during the field trip. Any additional expenses are the responsibility of the participants and should be brought in advance, as no stores will be available during part of the trip.

Registration deadline: June 20, 2026

Travel Grants

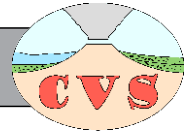
Travel Grants to waive the assistance of PhD Students and Early Career Researchers are available. Applications must be submitted by completing the form above and following the instructions therein.

Travel Grant application deadline: June 20, 2026

- **IAVCEI and IUGG** — Applicants should submit motivation letter and a short CV (5-page max.) to the organizers when completing the form.
- **IAS Travel Grant** — IAS Student Members should submit their applications through the IAS website.

For inquiries, please contact: mlopez@cig.museo.unlp.edu.ar

Sponsors and supporters



Sponsors

The field trip is **sponsored** by:

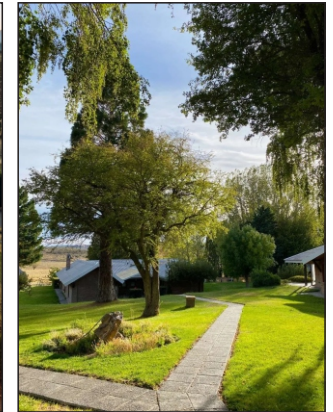
- International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)
- International Association of Sedimentologists (IAS)
- International Union of Geodesy and Geophysics (IUGG)



Supporters

The field trip is **supported** by:

- Commission of Volcanogenic Sediments – International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)
- Asociación Argentina de Sedimentología (AAS)
- Comisión de Volcanología y Geotermia, Asociación Geológica Argentina (AGA)
- Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)
- Universidad Nacional de La Plata (UNLP)



Photos of the Estancia Paso Flores (<https://estanciapasoflores.com/>)



PDC and fallout pyroclastic deposits intercalated within alluvial to fluvial volcaniclastic deposits