GeoSUR 2027

International Symposium on

Geology and Geophysics of the Southern Hemisphere

"The Southern Hemisphere at the Frontline of Earth System Change"

9-11 March 2027

Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires
Pabellón Cero + Infinito - Acceso Pabellón 1, C1428
Cdad. Autónoma de Buenos Aires

ICeBA
INSTITUTO DE GEOCIENCIAS BASICAS, APLICADAS Y AMBIENTALES DE BUENOS AIRES

OGS
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale

1506
UNIVERSITÀ DEGLI STUDI DI URBINO CARLO BO

Grupo de Prospección Geológica y Geofísica Marina y Terrestre del Mundo
Instituto de Geociencias Básicas, Aplicadas y Ambientales de Buenos Aires

Ambasciata d'Italia
Buenos Aires

.UBA EXACTAS

SECOND CIRCULAR – WHAT´S NEW

KEY DATES

Activity	Date
Second Circular, Registrations Opens & Abstract Submission Opens	16 October, 2026
Students and Researchers Grants Application Deadline	30 November, 2026
Remote Participation Request	30 November, 2026
Third Circular Release	1 December, 2026
Abstract Submission Deadline	6 December, 2026
Early Registration Deadline	6 December, 2026
Final Program Announcement	1 February, 2027

ABSTRACTS SUBMISSION

Authors should submit an extended abstract, written in English, by December 6, 2026. Each Author may submit a maximum of two abstracts, and each one must be uploaded separately. An abstract template with all formatting guidelines already applied can be downloaded here. Extended abstracts must be uploaded through the online submission form.

REGISTRATION

Registration opens on 16 October 2026 and is completed in two steps. First, Authors need to pay the registration fee using the payment form. Once the payment has been made, Authors will be asked to complete their registration using the registration form. Fee categories are Latin American participants, Students, and Regular. The early registration deadline is 6 December 2026.

Remote presenters must request approval before paying. Requests must be submitted by 30 November 2026.

CONTACT US

at geosur2027@gmail.com for students and researchers grants, remote participation requests, and exhibitor stands.

The following pages provide further details on each of these topics.

The Local Organizing Committee is pleased to share the Second Circular of GeoSur 2027, an international forum dedicated to advancing interdisciplinary understanding of the Earth system through the integration of geology, geophysics, climate science, tectonics, and environmental research. The symposium will take place from 9 to 11 March 2027 at the Cero + Infinito Building, Ciudad Universitaria, Buenos Aires, Argentina. The symposium will take place in a hybrid format that combines in-person and remote participation, with a limited number of remote slots.

GeoSur 2027 will bring together researchers, professionals, industry representatives, policy-makers, and students from across the Southern Hemisphere and beyond to discuss emerging scientific challenges and technological innovations related to:

- Climate change and Earth system evolution
- Plate tectonics and active geodynamics
- Natural hazards and environmental resilience
- Geophysical imaging and monitoring technologies
- Sustainable resource management and energy transition
- Ocean–continent interactions
- Polar and Southern Ocean processes

This circular update the information provided in the First Circular and includes details on abstract submission, registration and deadlines.

PROGRAM AND THEMATIC SESSIONS

The three-day symposium will include oral and poster presentations, as well as two or three invited keynote talks given by experts in specific subjects (to be announced in upcoming circulars). Oral presentations may also be delivered remotely if the presenting author is unable to attend in person. The program may include parallel sessions if a significant number of abstracts will be submitted. However, the organizers reserve the right to reassign oral presentations to poster sessions.

The list of thematic sessions and their corresponding chairs will be distributed in upcoming circulars. Talks will last 15 minutes each, followed by 5 minutes for discussion. Invited talks will last 30-35 minutes. Poster sessions will be organized over two days and will cover the same general topics as the concurrent oral sessions. Poster presentations will take place in a dedicated session.

Remote participation is available only for authors presenting oral talks who are unable to attend in person, and the number of remote slots is limited. Poster presentations must be delivered in person. To request a remote slot, please email geosur2027@gmail.com with the subject line "GeoSur 2027 - Remote presentation" by by November 30, 2026. Once the Author's request is confirmed by the organizers, payment and registration instructions will be provided.

Theme A - Climate Change and Earth System Processes

- Sedimentary archives
- Ice-core and marine paleoclimate proxies
- Climate variability through geological time
- Coupled climate–tectonic models
- Atmospheric and oceanic circulation
- Southern Hemisphere climate variability
- Extreme climate events
- Antarctic ice-sheet dynamics
- Glacial geomorphology
- Sea-level reconstructions
- Polar geophysics and remote sensing

Theme B - Tectonics, Geodynamics, and Lithosphere Evolution

- Continental growth and fragmentation
- Orogenic systems
- Gondwana tectonics
- Lithospheric architecture
- Fault systems and deformation
- Earthquake processes
- Crustal stress fields
- Seismic risk assessment
- Arc volcanism
- Mantle plumes and hotspots
- Geochemical evolution

- Volcanic hazards
- Rift systems
- Foreland and passive-margin basins
- Stratigraphic architecture
- Source-to-sink systems
- South Atlantic opening
- Pacific margin evolution
- Antarctic tectonics

Theme C - Applied Geophysics and Emerging Technologies

- Passive and active seismic methods
- Tomography and inversion
- Deep Earth structure
- Airborne geophysics
- Integrated geophysical modeling
- Satellite geodesy
- AI and machine learning applications
- Big geoscience data
- Tsunami hazard assessment
- Multi-risk frameworks
- Geothermal systems
- Critical minerals
- Carbon capture and storage
- Environmental geophysics

Theme D - Society and Sustainability in the Future Earth

- Disaster preparedness
- Adaptation planning
- Environmental governance
- Science-policy integration
- Community-based resilience

- Cultural landscapes
- Ethical geoscience practice
- Geoscience communication
- Student training initiatives
- Public engagement
- Open science and data sharing
- Equity and inclusion
- Leadership development in Earth Sciences
- Networking initiatives

A detailed call for proposals and information on the submission portal will be provided in the Third Circular.

ABSTRACTS

Authors should submit an extended abstract, written in English, by December 6, 2026. Scientific contributions in a .docx format, should be a maximum of two A4 pages (text area: 16 cm wide × 23 cm high), using 10 pt Times New Roman font and 1.5 line spacing. Please do not format the text in columns or place it within a frame. Extended abstracts may include text, figures, and/or formulas. References may be included. A template and more detailed instructions for preparing extended abstracts are available on the GeoSur 2027 website. Each Author may submit a maximum of two abstracts, and each one must be uploaded separately.

Template: An abstract template with all formatting guidelines already applied can be downloaded here. Further instructions are available on the GeoSur 2027 website.

Submission: Extended abstracts must be uploaded through the online submission form. Please name the file as Lastname_Firstname_Abstract (e.g., Perez_Maria_Abstract.docx).

Extended abstracts will be made available to participants at the time of the symposium.

FIELD TRIP

A three-day post-symposium field trip will be organized in the iconic area of the Parque Nacional Los Glaciares where the Southern Patagonian Icefield is located. The stratigraphy, tectonics and Quaternary evolution of the Lago Argentino region of the Southern Andes in El Calafate – Santa Cruz area, and dynamics of the Patagonia lake-terminating glaciers, will be presented and discussed by local experts.

The field trip requires a minimum of 15 participants and is limited to a maximum of 40. The field trip will begin and end at El Calafate International Airport. The cost is USD 1,000 and will include hotel accommodation and transportation by bus.

Field trip pre-registration: Field trip pre-registration will be held together with the symposium registration, to determine the number of participants. The field trip will take place only if a minimum of 15 participants is reached. Pre-registration is non-binding and does not guarantee a place. Field trip registration and payment details will be announced in upcoming circulars. Places will then be allocated on a first-come, first-served basis, and registration will remain open until the maximum of 40 participants is reached.

Perito Moreno Glacier, Los Glaciares National Park, near El Calafate, Santa Cruz Province, Argentina. Photo taken during a field trip.

GALA DINNER

A gala dinner will be held on 10 March, 2027. More information will be provided in the Third Circular.

CONFERENCE LANGUAGES

The official languages for both oral and poster sessions are English and Spanish. Simultaneous interpretation will not be available, but translators will be available if required.

HOTEL ACCOMMODATION

Buenos Aires offers a wide range of hotels to suit different budgets and preferences. We recommend staying in neighborhoods close to the symposium venue (Pabellón Cero + Infinito, Ciudad Universitaria), such as Núñez, Belgrano, Saavedra, Colegiales, and Palermo.

REGISTRATION FEES

Registration for the symposium is completed in two steps. First, Authors need to pay the registration fee using the payment form. Once the payment has been made, Authors will be asked to complete their registration using the registration form.

Registration fees are classified into three categories:

Latin American participants: researchers, professionals, and members of the general community from Latin America.
Students: undergraduate and graduate students. A student certificate must be uploaded during registration.
Regular: all other participants.

Participants residing in Argentina (Students and other Latin American participants) may pay in Argentine pesos at the official BNA seller exchange rate.

Remote presenters must request approval before paying (see PROGRAM AND THEMATIC SESSIONS).

	Until 6 December 2026	After 6 December 2026
Regular	USD 200	USD 250
Latin American Participants	USD 100	USD 125
Student	USD 70	USD 90

AWARDS AND STUDENT SUPPORT

GeoSur 2027 will include the following recognitions and support programs:

- Best Student Presentation Awards
- Early Career Researcher Recognition
- Grants for students and researchers from developing countries

Grants will be awarded to advanced undergraduate students, graduate students, and researchers from developing countries. To apply, please send an email to

geosur2027@gmail.com with the subject line "GeoSur 2027 – Grants", attaching the following documents:

- Curriculum vitae (CV)
- Submitted abstract

Applicants are encouraged to apply by November 30, 2026, after which they will receive further information by email.

SPONSORSHIP AND EXHIBITION

Academic institutions, geological surveys, research agencies, and industry partners are invited to participate in the technical exhibition and sponsorship program.
Exhibition categories may include:

- Geophysical instrumentation
- Remote sensing technologies
- Environmental consulting
- Software and data analytics
- Energy and mining sectors
- Scientific publishing

Exhibition spaces will be available with standard A0 panel dimensions (841 × 1189 mm). Interested parties should contact the organizers at geosur2027@gmail.com with the subject line "GeoSur 2027 - Stands".

VENUE

The symposium will take place at the Cero + Infinito Building, Faculty of Exact and Natural Sciences (FCEN-UBA), Ciudad Universitaria, Intendente Güiraldes 2160, C1428EGA, Ciudad Autónoma de Buenos Aires, Argentina.

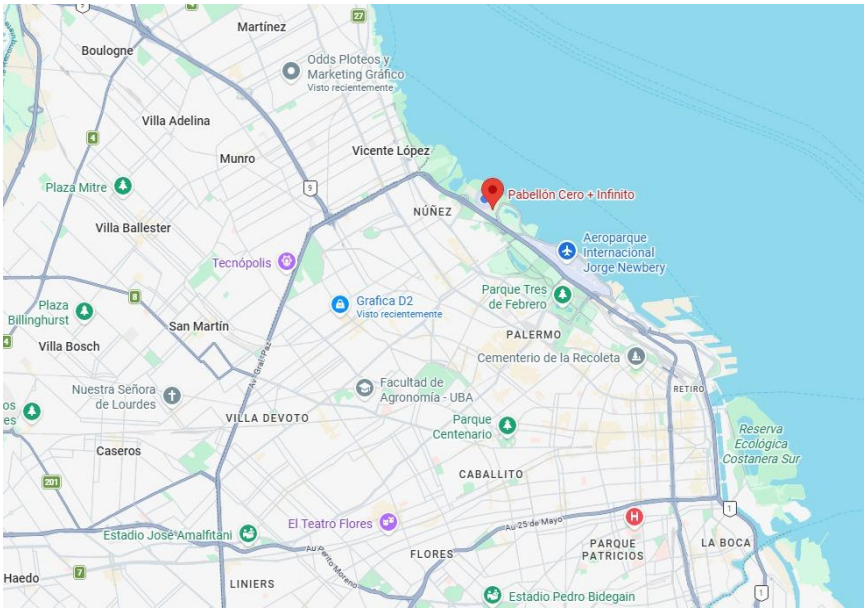
Cero + Infinito Building, Faculty of Exact and Natural Sciences, University of Buenos Aires (symposium venue).

The Cero + Infinito Building belongs to the Faculty of Exact and Natural Sciences (FCEN) of the University of Buenos Aires (UBA) and stands next to Pabellón 1, in the Belgrano neighborhood. Designed by renowned architect Rafael Viñoly, who donated the design, it was officially inaugurated on 12 October 2021. Its name refers to its two tree-lined inner gardens, which, seen from above, resemble the shapes of a zero and an infinity symbol. The building has a fully glazed perimeter that provides natural light to all its spaces, a green roof covering its entire surface, and a thermomechanical climate-control system that saves around 70% of energy.

With 8,500 m² of floor space, the building offers modern teaching facilities, including five amphitheater-style seminar rooms for 100 people each, as well as classrooms and computer labs.

Address: Cero + Infinito Building, Faculty of Exact and Natural Sciences (FCEN-UBA), Ciudad Universitaria, Intendente Güiraldes 2160, C1428EGA, Ciudad Autónoma de Buenos Aires, Argentina.

Location map: Google Maps link



Location of Cero + Infinito Building, Faculty of Exact and Natural Sciences, University of Buenos Aires.

ORGANIZERS

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LOCAL ORGANIZING COMMITTEE

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- **Juan F. Vilas, José Ísola, Federico Esteban, Donaldo Bran, Daniela Spoltore and Emilio Aliaga** - Instituto de Geociencias Básicas, Aplicadas y Ambientales de Buenos Aires. IGeBA, Departamento de Ciencias Geológicas, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina.

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Registration:

- Fundación Ciencias Exactas y Naturales. FUNDACEN.

Treasurer:

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