

WG description

The Working Group on “Andean Geomorphology” was accepted in the IAG/AIG Council Meeting held on 12.09.2022 in Coimbra, Portugal. This working group was created to discuss and exchange knowledge on different topics on Geomorphology of the Andes. Geomorphologic process which occurs in the Central and Southern Andean slopes is being investigated by several groups of Argentina and Chile. The advance of the research is being dispersedly presented and discussed in Earth-Sciences and Geography national meetings. The possibility to discuss new knowledge in a proper meeting not only will improve the specific research but also will promote new projects and collaborations among different groups and countries integrating the Latin-American.

The principal aims of our activity will be:

- a. To recognize, describe, explain and compare geomorphic processes, and its controlling factors, occurring in both sides of the Andean Cordillera, South America, both in the past and the present,
- b. To produce geomorphological cartography and scientific information to be applied to research, education, and land-use planning,
- c. To join young and experienced mountain geomorphologists from different Latin American countries,
- d. To develop academic activities such as webinars, seminars, field-meetings, post-graduate courses and publications in special issues of recognized journals,
- e. To develop public activities such as training courses and science-dissemination activities and publications to be devoted to educators and learners and to governments and decision makers.

Past activities

During the last 12 months, we carried out the following activities:

We finalized the editing of the special issue titled “*Geomorphology of the Andes of Argentina and Chile*” in the *Journal of South American Earth Sciences*. The Guest Editors of this issue were Dr. Juan Federico Ponce (WG Chair), Dr. José Araos (WG Secretary), and Dr. Laura Perucca (WG member). This special issue provides a comprehensive compilation of recent research covering a range of topics related to the geomorphology of the Andes of Argentina and Chile.

From February 22 to March 1, 2026, the second edition of the postgraduate field course “*Glacial and Periglacial Landscapes of the Fuegian Andes: Genesis, Evolution, and Dynamics*” was held in Ushuaia, Argentina. The course was organized by the Centro Austral de Investigaciones Científicas (CADIC-CONICET) and supported by the Working Group on Andean Geomorphology of the International Association of Geomorphologists (500 euros). A total of 17 PhD students, postdoctoral researchers, and early-career scientists from Chile and Argentina participated in the course. The instructors were Dr. Juan Federico Ponce (WG Chair) and Dr. Andrea Coronato (CADIC-CONICET).

Future activities

This marked the final year of the Working Group.