

III FIELD COURSE ON GEOMORPHOLOGY AND QUATERNARY GEOLOGY OF SOUTHERN PATAGONIA – BRIEF REPORT

The “III Field Course on Geomorphology and Quaternary Geology of Southern Patagonia”, destined to brasilian professors and supported by AACYG (Argentine Association of Quaternary and Geomorphology) and IAG, was held between March 11 -17 at Río Gallegos and El Calafate cities, Santa Cruz Province, Argentina.

It was organized by Dr. Jorge Rabassa from CADIC-CONICET (Ushuaia) and his collaborators: Dr. Andrea Coronato (CADIC-CONICET), Dr. Elizabeth Mazzoni, Dr. Bettina Ercolano and Professor Pedro Tiberi, the three of them from UNPA-UARG (Universidad Nacional de la Patagonia Austral, at Río Gallegos). The 23 participants came from eleven universities of Brazil, one from Córdoba University (Argentina) and one from the Physics Institute, University of Bern, Space Research & Planetary Sciences Division. The last, Dr. Patricio Becerra, took part of this course in advance to the field activities to be carried out during the 7th edition of the International Conference on Mars Polar Science and Exploration Congress, which will be held at Ushuaia and Santa Cruz province on January 2020.

More than 2,000 km were travelled during the course, from the Magellan Straits up to El Chalten city, at the foot of the Andes. Glacial landforms and deposits of Middle and Late Pleistocene age and Miocene, Pleistocene and Holocene volcanic landforms were described, analysed and interpreted into de chronostratigraphic regional frame as part of the landscape evolution.



The entire group at the foot of the Andes. At the bottom, the impressive granitic nunataks, Chalten and Torre mounts (aprox. 3000 m asl), emerge from the Southern Patagonian ice caps.

Dr. Andrea Coronato (CADIC-CONICET)

Field Course on Geomorphology and Quaternary Geology of Southern Patagonia - organizer-
IAG-EC member as Latin American co-opter; AACyG member.

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