

ANNUAL REPORT ON GEOTRACES ACTIVITIES IN ARGENTINA

May 1st, 2021 to April 30th, 2022

GEOTRACES workshops and meetings organized

The first international edition of **Blowing South: Southern Hemisphere Dust Symposium** was held– On line event: November 8-10, 2021.

This symposium focused on bringing together international scientists working on the observation and modeling of the current and paleodust cycle in the southern hemisphere, across temporal and spatial scales, including feedbacks with climate and impact on society.

The participants discussed the latest advances in their work and will share their main scientific questions. This provided an opportunity to discuss recent and ongoing work on these critical issues and to expand on pre-existing collaborations that in certain research areas and in certain regions are still quite limited.

Website: <http://dust2021.cima.fcen.uba.ar/>

Coordinators:

Nicolás J. Cosentino. Instituto de Geografía (PUC Chile), Núcleo Milenio Paleoclima. Santiago, Chile.

Augusto Crespi Abril. Instituto Patagónico del Mar (IPaM, UNPSJB), Centro para el Estudio de Sistemas Marinos (CESIMAR, CCT CONICET CENPAT). Puerto Madryn, Argentina.

François De Vleeschouwer. Instituto Franco-Argentino para el Estudio del Clima y sus Impactos (IRL3351 IFAECI/CNRS-CONICET-UBA-IRD). Buenos Aires, Argentina

Antonela Iturri. Instituto de Ciencias de la Tierra y Ambientales de La Pampa (INCITAP, CONICET-UNLPam), Universidad Nacional de La Pampa. Santa Rosa, Argentina.

Flavio E. Papparazzo. Instituto Patagónico del Mar (IPaM, UNPSJB), Centro para el Estudio de Sistemas Marinos (CESIMAR, CCT CONICET CENPAT). Puerto Madryn, Argentina.

Other GEOTRACES activities

- Together with Dr. Melisa Daiana Fernandez Severini (IADO-CONICET, Bahía Blanca, Argentina), we are beginning to plan a series of trace metal measurements in the Argentine Sea. Some campaigns have been canceled due to COVID-19. However, we hope that by 2023 some measurements can be made.
- At CENPAT (Technological Scientific Center of which our institute is a part), we submitted a project application to CONICET for the purchase of an IRMS coupled to an Elemental Analyzer. Hopefully next year we will have good news!!