

CV: Matías Ezequiel Olmo

National ID number 39.624.880 | Birth date: 10/04/1996

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Studies

PHD ON ATMOSPHERIC SCIENCES | 2018 - IN COURSE | FACULTY OF EXACT AND NATURAL SCIENCES, UNIVERSITY OF BUENOS AIRES

Thesis topic: "Future changes in synoptic circulation patterns and associated extreme precipitation in Southeastern South America"

Director: Dr. María Laura Bettolli

LICENCIATURE ON ATMOSPHERIC SCIENCES | 2014 - 2019 | FACULTY OF EXACT AND NATURAL SCIENCES, UNIVERSITY OF BUENOS AIRES

.Average mark: 8,69/10

.Thesis: "*Statistical characterization of daily precipitation extreme events in Southeastern South America in different datasets*".

Grade: 10/10 (ten).

Director: Dr. María Laura Bettolli

Granted Fellowships

BECA INTERNA DOCTORAL CONICET (PhD)(2019-2024)

Thesis topic: "Future changes in synoptic circulation patterns and associated extreme precipitation in Southeastern South America" Director: Dr. María Laura Bettolli

Department of Atmospheric and Ocean Sciences, Faculty of Exact and Natural Sciences, UBA.

BECA ESTIMULO UBA (09/2018-03/2019)

Research topic: "*Statistical characterization of daily precipitation extreme events in Southeastern South America in different datasets*" Director: Dr. María Laura Bettolli

Department of Atmospheric and Ocean Sciences, Faculty of Exact and Natural Sciences, UBA.

Languages

ENGLISH

- First Certificate in English, University of Cambridge, 2014 (grade B).
- Certificate in Advanced English, University of Cambridge, 2018 (in progress).

ITALIAN

- Levels 1 y 2, Laboratorio de Idiomas, Facultad de Filosofía y Letras (UBA), 2012.

Computational and programming skills

- Microsoft Office, Linux, Statistica, Matlab, R, Python, CDO, NCO.

Scientific publications

Submitted works

.Olmo M., Bettolli ML., Rusticucci M., 2020. Atmospheric circulation influence on temperature and precipitation individual and compound daily extreme events: spatial variability and trends over southern South America, Weather and Climate Extremes (submitted)

Works published in scientific meetings

.Bettolli M.L., Solman S., da Rocha R. P., Gutiérrez J.M., Llopart M., Fernandez J., Lavin-Gullon A., Coppola E, Chou S., Doyle M., Feijoo M., Huth R., Barreiro M., **Olmo** M., (...). ICRC CORDEX. The CORDEX-FPS in Southeastern South America: a comparative study of statistical and dynamical downscaling models in simulating daily extreme precipitation events,, Beijing, China, 10/2019.

.Solman S., Bettolli M.L., Doyle M., Blázquez J., Feijoo M., **Olmo** M., Diaz G., Balmaceda R., Poggi M. M., ICRC CORDEX. How well do RCMs and ESDs reproduce the occurrence of extreme precipitation events over Southeastern South America? A case study approach, Beijing, China, 10/2019.

.**Olmo**, M., Bettolli M. L., 2019, Daily extreme temperature and precipitation compound events in different datasets in Southeastern South America, Workshop on Correlated Extreme Events, Columbia University, New York, Estados Unidos.

.**Olmo** M., Bettolli M. L., 2018, Daily extreme precipitation events in different datasets in Southeastern South America, EGU General Assembly, Vienna, Austria.

.**Olmo** M., Bettolli M. L., 2018, Ciclo anual del percentil 90 de la precipitación diaria en el sudeste de Sudamérica en diferentes bases de datos, CONGREMET XIII, Rosario, Argentina.

Participation in scientific events

XIII CONGRESO NACIONAL DE METEOROLOGÍA: “EVENTOS EXTREMOS DE TIEMPO Y CLIMA: INTEGRACIÓN DE CONOCIMIENTOS PARA LA GESTIÓN DE RIESGO”
ROSARIO, SANTA FE, ARGENTINA. FROM 16 TO 19 OCTOBER 2018.
ASSISTANT AND POSTER PRESENTER.

WORKSHOP ON CORRELATED EXTREME EVENTS
COLUMBIA UNIVERSITY, NEW YORK, USA. FROM 28 TO 31 MAY 2019.
ASSISTANT AND POSTER PRESENTER.

EUROPEAN RESEARCH COURSE ON ATMOSPHERES 2020
GRENOBLE, FRANCE. FROM 12/01/2020 TO 10/02/2020.
ASSISTANT AND POSTER PRESENTER.

Organization of scientific events

LINUX PARTUXZA II (2018, CIMA/CONICET-DCAO/UBA, BUENOS AIRES, ARGENTINA)
LINUX installing meeting. Committee member.

Scientific Dissemination (FCEN-UBA)

El Niño y Cambio Climático | Semana de las Ciencias de la Tierra | 05/2016

Actividad Eléctrica | Semana de las Ciencias de la Tierra | 05/2017

Cambio Climático | Noche de los Museos | 11/2017

Identificando Nubes | Feria del Libro 2018| 04/2018

El Niño y Cambio Climático | Semana de las Ciencias de la Tierra | 05/2018

¿Qué hace un meteorólogo? | Colegio Nuestra Señora de la Misericordia | 04/2019