



EUGENIA MARÍA GARBARINI



23-03-1991



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Argentinean



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EDUCATION

- **2016-2021:** PhD Student. PhD in Atmospheric Sciences at University of Buenos Aires. Scholarship in National Council of Scientific and Technological Research (CONICET). Thesis Title: *Oceans and circulation patterns as a first approach to an statistical forecast of seasonal rainfall in Argentina*. Thesis Director: Marcela Hebe González. Thesis Co-Director: Matilde Rusticucci.
- **2009-2016:** Licentiate in Atmospheric Sciences (Master Level), Faculty of Exact and Natural Sciences, University of Buenos Aires (UBA). Grade Point Average: 8,25 /10 Thesis Title: *Some indicators for statistical prediction of seasonal rainfall in Argentina*. Thesis Director: Marcela Hebe González. Thesis Assistant: Alfredo Rolla.

EXPERIENCE IN RESEARCH PROJECTS

- **2017-2019:** *Statistical forecast of meteorological seasonal indices to foresee risk conditions in the Comahue Region* – UBACyT 20020160100009BA (Res Nº 6903/17). Institution financing the project: University of Buenos Aires. Position: Postgraduate researcher.
- **2013-2016:** *Adaptation to hydrological stress in Comahue Region. Interaction among social, ecological and climatic dynamics* – Interdisciplinary Project between Faculty of Exact and Natural Sciences and Faculty of Philosophy – University of Buenos Aires. Institution financing the project: University of Buenos Aires. Position: Student researcher. Director: Marcela H González
- **2010-2013:** *Rainfall changes in Chaco Plains: causes, consequences, impacts and social vulnerability* – Interdisciplinary Project between Faculty of Exact and Natural Sciences and Faculty of Philosophy – University of Buenos Aires. Institution financing the project: University of Buenos Aires. Position: Student researcher. Director: Marcela H González

WORK EXPERIENCE

- **2016:** Professor's Assistant at Faculty of Exact and Natural Sciences, University of Buenos Aires. Semester: 1st and 2nd. Subject: Climatology

COMPUTATIONAL SKILLS

- Windows and Linux knowledge. Programming in R. Fundamental knowledge in SPSS Statistics, Surfer 13, Statistica, CDO, Grads, CPT – Climate Predictability Tool.

LANGUAGES

- English: 2016: TOEFL iBT Test November 5th. Score: 116/120
- German: 2018: B1.1 level in University of Buenos Aires. Grade 8/10



WORKSHOPS AND COURSES

- **Advanced School and Workshop on American Monsoons: progress and future plans** organized by the International Centre for Theoretical Physics (ICTP) and the South American Institute for Fundamental Research (SAIFR). 19th to 24th August 2019, São Paulo, Brazil.
- **SCRiM's 6th annual Summer School on Sustainable Climate Risk Management** organized by The Pennsylvania State University. 30th July to 3rd August 2018
- **Course in Climate Geopolitics: International Relations in a Warming World.** Invited professor: François Gemenne. Organized by the French-Argentinean Institute for the Study of Climate and its Impacts (UMI-IFAEI CNRS-CONICET-UBA), the French- Argentine Centre for Advanced Studies (CFA-UBA), the Centre for Oceanic and Atmospheric Research (CIMA/CONICET-UBA) and the Faculty of Exact and Natural Sciences of the University of Buenos Aires (FCEN-UBA). 24th-28th October, 2016 Buenos Aires, Argentina.
- **Workshop on long term predictions for the Regional Climate Centre for Southern South America** (CRC-SAS). National Meteorological Service, Buenos Aires, Argentina, 19th to 22nd October 2015.

SELECTED PUBLICATIONS

- Garbarini E. M., González M. H., Rolla A. L. 2018. ***"The influence of Atlantic High on seasonal rainfall in Argentina"*** – *International Journal of Climatology*. DOI: 10.1002/joc.6098.
- Garbarini E. M., González M. H., Rolla A. L. 2018. ***"Connection between sea surface temperature patterns and low level geopotential height in the South Atlantic Ocean"*** – *Atmósfera*. (In press)
- González, M.H., Romero, P. and Garbarini, E. 2017. ***'Droughts and floods in northern Argentinean Patagonia, the Andes: Geography, Diversity and Socio cultural Impacts'*** Editor Casey D. Allen, NOVA Science Publications, Nueva York, USA, 5-28. 219p. ISBN 978-1-53611-094-4.
- Garbarini E.M., Skansi M., Gonzalez M.H., Rolla A.L., 2016. ***'ENSO Influence over Precipitation in Argentina'*** in *Advances in Environmental Research*. Chapter 7. Volume 52. NOVA Publisher, NY, USA. ISBN: 978-1-53610-058-7
- González M.H., Garbarini E. M., Rolla, A. L. 2016. ***'Meteorological Indices for rainfall prediction'*** in *Handbook of Drought and Water Scarcity*. Volume 1, Chapter 29, Taylor & Francis Publishing (CRC Group) Editor: Saeid Eslamian. ISBN: 9781498731089 1498731082. Abingdon, Oxfordshire, UK.
- González, M.H, Garbarini, E.M, Romero P.E. 2015. ***Rainfall patterns and the relation to atmospheric circulation in northern Patagonia, Argentina***. *Advances in Environmental Research*, 41, Book ID: 7998. Chapter ID: 33407, NOVA Publisher, NY, USA.