



## LISTA DE PUBLICACIONES

### 2023

1. *Relationship between rainfall and streamflow in the La Plata Basin: annual cycles, interdecadal and multidecadal variability.* Gulizia, C., and I. Camilloni. *Atmósfera* 36 (2), 183-205. <https://doi.org/10.20937/ATM.53013>.

### 2022

1. *Changes in mean and extreme climate in southern South America under global warming of 1.5°C, 2°C and 3°C.* Gulizia, C., G. Raggio, I. Camilloni, and R. Saurral. *Theor. and Appl. Climatol.* 150, 787-803. <https://doi.org/10.1007/s00704-022-04199-x>.
2. *La Plata Basin Hydroclimate Response to Solar Radiation Modification with Stratospheric Aerosol Injection.* I. Camilloni, N. Montroull, C. Gulizia and R. Saurral. *Front. Clim.*, 4:763983. <https://10.3389/fclim.2022.763983>.
3. *Variabilidad espacio-temporal de la isla de calor superficial en tres ciudades argentinas.* Lozada Montanari, M., e I. Camilloni. *Meteorologica*, 47. <https://doi.org/10.24215/1850468Xe012>.
4. *Riesgos y desafíos del cambio climático para el desarrollo sostenible. La clave del medio grado.* En: *Hacia un futuro sostenible: Oportunidades de acción en la emergencia climática.* Camilloni, I. Grupo Sol, 15-30.
5. *Solar Radiation Modification: A Risk-Risk Analysis.* Felgenhauer, T., G. Bala, M. Borsuk, M. Brune, I. Camilloni, J. B. Wiener, and J. Xu. Carnegie Climate Governance Initiative (C2G), March, New York, NY: [www.c2g2.net](http://www.c2g2.net).
6. *The climate data inheritance trap: are early-career climate scientists drowning in data?* Jain, S., J. Mindlin, G. Koren, C. Gulizia, C. Steadman, Y. Rao, G. S. Langendijk, M. Osman, M. A. Abid, and V. Rabanal. *AGU Advances*, 3(4), e2022AV000676. <https://doi.org/10.1029/2022AV000676>.
7. *Characterization of simulated extreme El Niño events and projected impacts on South American climate extremes by a set of CMIP5 Global Climate Models.* Gulizia, C., and M. Pirotte. *Int. J. Climatol.*, 42(1): 48-62. <https://doi.org/10.1002/joc.7231>.

### 2021

1. *A data set for intercomparing the transient behavior of dynamical model-based subseasonal to decadal climate predictions.* Saurral, R., W. Merryfield, M. Tolstykh, W. Lee, F. Doblas-Reyes, J. García-Serrano, F. Massonnet, G. Meehl, and H. Teng. *J. Adv. Mod. Earth Sys.*, 13, e2021MS002570. <https://doi.org/10.1029/2021MS002570>.
2. *The total solar eclipse of 14 December, 2020 in southern South America and its effects on atmospheric variables.* Piscitelli, F., and R. Saurral. *Quar. J. Roy. Met. Soc.*, 147, 2547-2561. <https://doi.org/10.1002/qj.4040>.
3. *Relative humidity predicts day-to-day variations in COVID-19 cases in the city of Buenos Aires.* Pineda Rojas, A., S. Cordo, R. Saurral, J. Jiménez, L. Marr, and E. Kropff. *Environ. Sci. Tech.*, 55, 11176-11182. <https://doi.org/10.1021/acs.est.1c02711>.

4. *Probable intensificación de las condiciones de déficit hídrico sobre la región del Comahue ante diversos escenarios de Cambio Climático.* Raggio, G., y R. Saurral. *Meteorologica*, 46, 48-71. <https://doi.org/10.24215/1850468Xe004>.
5. *Assessment of South America summer rainfall climatology and trends in a set of Large Ensembles.* Díaz, L., R. Saurral, and C. Vera. *Int. J. Climatol.*, 41, E59-E77. <https://doi.org/10.1002/joc.6643>.

## 2020

1. *Inundaciones y sequías.* En: *Adaptación frente a los riesgos del cambio climático en los países iberoamericanos – Informe RIOCCADAPT.* I. Camilloni, V. Barros, S. Moreiras, G. Poveda, M. Taboada y J. Tomasella. [Moreno, J.M., C. Laguna-Defior, V. Barros, E. Calvo Buendía, J.A. Marengo y U. Oswald Spring (eds.)]. McGraw-Hill, Madrid, España, 391-417. 2020.
2. *Resumen para los responsables de políticas. En: Adaptación frente a los riesgos del cambio climático en los países iberoamericanos – Informe RIOCCADAPT.* Moreno J.M., C. Laguna-Defior, P. Aldunce, V. Barros, B. Bilbao, M. Bustamante, E. Calvo Buendía, I. Camilloni, O.D. Cardona Arboleda, J. Cortés, G.C. Delgado, J.A. Marengo, C. Mena, J. Mendo, A.R. Moreno, Ú. Oswald Spring, G. Poveda, F.R. Scarano, M.A. Taboada y S. Vicuña. [Moreno, J.M., C. Laguna-Defior, V. Barros, E. Calvo Buendía, J.A. Marengo y Ú. Oswald Spring (eds.)]. McGraw-Hill, Madrid, España. 2020.
3. *Contra el cambio climático. Ciencia y solidaridad en la postpandemia.* En: *Conversaciones. Encuentros por la postpandemia.* I. Camilloni. Fundación Medifé, Buenos Aires. 68-73. 2020.
4. *High PM10 concentrations in the City of Buenos Aires and their relationship with meteorological conditions.* Pineda Rojas, A., R. Borge, R. Saurral, B. Matarazzo, J. Cordero, and E. Kropff. *Atmos. Env.*, 241, 117773. <https://doi.org/10.1016/j.atmosenv.2020.117773>.
5. *How could a difference of 0.5°C in global warming modify the mean and extreme climate conditions around Antarctica?* Saurral, R., G. Raggio, and C. Gulizia. *Int. J. Climatol.*, 40, 6067-6079. <https://doi.org/10.1002/joc.6566>.
6. *Decadal predictability and prediction skill of sea surface temperatures in the South Pacific region.* Saurral, R., J. García-Serrano, F. Doblas-Reyes, L. Díaz, and C. Vera. *Clim. Dyn.*, 54, 3945-3958. <https://doi.org/10.1007/s00382-020-05208-3>.
7. *Towards a more integrated role for early career researchers in the IPCC process.* Gulizia, C., G.S. Langendijk, J.-T. Huang-Lachmann, P. de Amorim Borges, R. Flach, C. Githaiga, and M. Rahimi. *Climatic Change* 159, 75–85. <https://doi.org/10.1007/s10584-019-02604-5>.

## 2019

1. *The human imperative of stabilizing global climate change at 1.5°C.* O. Hoegh-Guldberg, D. Jacob, M. Taylor, T. Guillén Bolaños, M. Bindi, S. Brown, I. Camilloni, A. Diedhiou, R. Djalante, K. Ebi, F. Engelbrecht, J. Guiot, Y. Hijikida, S. Mehrotra, C. W. Hope, A.J. Payne, H.-O. Pörtner, S.I. Seneviratne, A. Thomas, R. Warren, G. Zhou. *Science* 365, 6459. DOI: 10.1126/science.aaw6974-. 2019.
2. *Variations in ozone and greenhouse gases as drivers of Southern Hemisphere climate in a medium-complexity global climate model.* Saurral, R., F. Kucharski, and G. Raggio. *Cli. Dyn.*, 53, 6645-6663. <https://doi.org/10.1007/s00382-019-04950-7>.
3. *Influence of anthropogenically-forced global warming and natural climate variability in the rainfall changes observed over the South American Altiplano.* Vera, C., L. Díaz, and R. Saurral. *Fron. Env. Sci.*, 7:87. <https://doi.org/10.3389/fenvs.2019.00087>.
4. *Revisitando la irrupción de aire frío extrema de junio de 1967 en el centro de Argentina, cincuenta años después.* Saurral, R., y J. Ruiz. *Meteorologica*, 44, 35-55.
5. *Three Ways Forward to Improve Regional Information for Extreme Events: An Early Career Perspective.* Langendijk, G.S., C. Aubry-Wake, M. Osman, C. Gulizia, F. Attig-Bahar, E. Behrens, A. Bertoncini, N. Hart, V. S. Indasi, S. Innocenti, E. van der Linden, N. Mamnun, K. Rasouli, K. Reed, N. Ridder, J. Rivera, R. Ruscica, B. Ukazu, J. Walawender, D. Walker, B. J. Woodhams, and Y. A. Yilmaz. *Front. Env. Sci.* 7:6. <https://doi.org/10.3389/fenvs.2019.00006>.

## 2018

1. *Hydrological impacts in La Plata basin under 1.5, 2 and 3 C global warming above the pre-industrial level.* N. Montroull, R.Saurral and I.Camilloni. *Int. J. of Climatology*, 38, 3355-3368. DOI: 10.1002/joc.5505. 2018.
2. *The new urban paradigm.* G. Lanfranchi, A.C. Herrero, S. Rueda Palenzuela, I. Camilloni and S. Bauer. *Economics Discussion Papers*, No 2018-70, Kiel Institute for the World Economy. <http://www.economics-ejournal.org/economics/discussionpapers/2018-70>. 2018.
3. *Argentina y el cambio climático.* I. Camilloni. *Ciencia e Investigación* 78, 5-10. 2018.
4. *Impacts of 1.5°C global warming on natural and human systems.* Hoegh-Guldberg, O., D. Jacob, M. Taylor, M. Bindi, S. Brown, I. Camilloni, A. Diedhiou, R. Djalante, K. Ebi, F. Engelbrecht, J. Guiot, Y. Hijikata, S. Mehrotra, A. Payne, S. I. Seneviratne, A. Thomas, R. Warren, and G. Zhou. In: *Global warming of 1.5°C. An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty* [V. Masson-Delmotte, P. Zhai, H. O. Pörtner, D. Roberts, J. Skea, P.R. Shukla, A. Pirani, W. Moufouma-Okia, C. Péan, R. Pidcock, S. Connors, J. B. R. Matthews, Y. Chen, X. Zhou, M. I. Gomis, E. Lonnoy, T. Maycock, M. Tignor, T. Waterfield (eds.)]. Cambridge University Press, Cambridge, UK and New York, NY, USA, pp 175-312, <https://doi.org/10.1017/9781009157940.005>.
5. *Observed modes of sea surface temperature variability in the South Pacific region.* Saurral, R., F. Doblas-Reyes, and J. García-Serrano. *Cli. Dyn.*, 50, 1129-1143. <https://doi.org/10.1007/s00382-0147-3666-1>.

## 2017

1. *Low frequency variability and trends in centennial precipitation stations in southern South America.* Saurral, R., I.Camilloni, and V. Barros. *Int. J. Climatol.*, 37, 1774-1793. <https://doi.org/10.1002/joc.4810>.
2. *La planificación del manejo de los recursos hídricos en el contexto del cambio climático. Una aplicación a la región del Comahue, Patagonia, Argentina.* Nadal G., O. Girardin, F. Losano, M. Marizza, P.Cello, L. Bucciarelli, L. Forni, I. Camilloni, G. Bravo, F. Lallana, y N. Di Sbroiavacca. *Aqua-LAC* 9, 59-72.
3. *Advancing climate forecasting.* Merryfield, W., F. Doblas-Reyes, L. Ferranti, J. Jeong, Y. Orsolini, R. Saurral, A. Scaife, M. Tolstykh, and M. Rixen. *EOS*, 98, <https://doi.org/10.1029/2017EO086891>.
4. *The Climate-system Historical Forecast Project: Providing open access to seasonal forecast ensembles from centers around the globe.* Tompkins, A., M. Ortíz de Zárate, R. Saurral, C. Vera, C. Saulo, W. Merryfield, M. Sigmund, W. Lee, J. Baehr, A. Braun, A. Butler, M. Déqué, F. Doblas-Reyes, M. Gordon, A. Scaife, Y. Imada, M. Ishii, T. Ose, B. Kirtman, A. Kuma, W. Müller, A. Pirani, T. Stockdale, M. Rixen, and T. Yasuda. *Bull. Amer. Meteor. Soc.*, 98, 2293-2301. <https://doi.org/10.1175/BAMS-D-16-0209.1>.
5. *A cautionary note on the computation of daily mean temperatures and their trends.* Saurral, R. *Int. J. Climatol.*, 37, 3743-3752. <https://doi.org/10.1002/joc.4941>.