

## PEDRO FLOMBAUM

Department of Ecology Genetics and Evolution,  
University of Buenos Aires ([UBA](#))

Franco-Argentine Institute for Climate and Impacts  
Studies ([IFAECI](#)) CNRS-IRD-UBA-CONICET

Research Center for Ocean and Atmospheric Sciences  
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### Academic training

PhD, Ecology and Evolutionary Biology, 2008, Brown University (USA)  
BSc, Biology, 1997, UBA (Argentina)

### Current academic position and governance

2025- Associate Professor, UBA  
2024- Director, IFAECI  
2023- Director, CIMA  
2022- Independent Researcher, CONICET

### Lab members (current)

Federico Ibarbalz (researcher) Marine plankton diversity responses to climate change  
Sergio Velasco Ayuse (researcher) Soil microbial crust and climate change  
Simón Rubinstein (biology student, UBA) Ocean biodiversity  
Sebastián Giacomino (PhD student, National University of Córdoba) Isotope landscapes

### Relevant publications (total)

Flombaum P., et al. 2013. Present and future global distributions of the marine Cyanobacteria *Prochlorococcus* and *Synechococcus*. *PNAS* 110 (24) 9824-9829

Flombaum P. and O. E. Sala, 2008. Higher effect of plant species diversity on productivity in natural than artificial ecosystems. *PNAS* 105 (16) 6087-6090

Flombaum P., et al. W.L. Wang, F. Primeau, and A.C. Martiny. 2020. Global picophytoplankton niche partitioning predicts overall positive response to ocean warming. *Nature Geoscience* 13:116-120

Flombaum, P, M.L. Yahdjian, and O.E. Sala. 2017. Global-Change drivers of ecosystem functioning modulated by natural variability and saturating responses. *Global Change Biology*. 23:503-511

Tovar C, Carril A, Gutiérrez A, Ahrends, A, Fita, L, Zaninelli P, Flombaum P et al . 2022. Understanding climate change impacts on plant distributions over the Andes: challenges and opportunities. *Journal of Biogeography* 49(8):1420-1442