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Education

- 2007- Postdoctoral training at IFEVA/CONICET- Faculty of Agronomy. University of Buenos Aires.
- 2004- PhD in Ecology. Faculty of Agronomy. University of Buenos Aires, Argentina.
- 1995- BSc in Biology. Faculty of Exact and Natural Sciences. University of Buenos Aires, Argentina

Positions Held

- 2018- Director of the Master's Program in Natural Resources, Graduate School, Faculty of Agronomy, University of Buenos Aires.
- 2007- Principal Research Scientist. Argentine Research Council (CONICET).
- 2005- Associate Professor of Ecology and Biodiversity. Department of Ecology. Faculty of Agronomy, University of Buenos Aires.

Awards and honors

- 2024. ILTER 3rd Open Science Meeting. Invited Plenary Speaker. Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences.
- 2023- Visiting Scholar, Swiss Federal Institute for Forest, Snow, and Landscape Research, WSL, Birmesdorf, Switzerland.
- 2021- Journal of Vegetation Science Editors' Awards for the Paper: Light limitation and plant quality modulate plant biomass responses to grazing and fertilization in a mesic grassland.
- 2017- Visiting Scholar. University of Minnesota, Minneapolis, USA.
- 2014. 2016; 2018- Visiting Scholar. School of Life Science. Arizona State University. USA.
- 2010- Visiting Scholar, Environmental Science, Policy, and Management. University of California Berkeley. USA.

Leadership positions

- 2022- President of the Ecological Society of Argentina.
- 2020- Arizona State University, School of Life Science. Adjunct Faculty member.
- 2018- Member Global Drylands Center, Arizona State University. Center Affiliates.
- 2015- The Drought Network. Member of the Steering Committee. RCN: Drought-Net.
- 2017- BIODESERT (global network on Desertification), Principal investigator of 3 experimental sites in Patagonia Argentina.
- 2012- The Nutrient Network (global network on nutrients and herbivores), Pi of the experimental site "Las Chilcas", Flooding Pampa, Argentina.
- 2024- SPUN Science Associate. International group of mycorrhizal and soil scientists and local experts who are unearthing the mysteries of underground ecosystems.

Service to the discipline

- 2025- Associate Editor *Ecología Austral*,
- 2023- Senior Editor *Cambridge Prisms: Drylands*,
- 2023- Associate Editor *Global Change Biology*,
- 2020-2024 Associate Editor *BioScience*,
- 2018-2024 Associate Editor *Functional Ecology*,
- 2018-2021 Associate Editor *Journal of Arid Environments*,
- 2016-2020 Associate Editor *Plant Ecology*,

- 2019-23 and 2025- Steering Committee Institute for Agricultural Plant Physiology and Ecology. Argentina (IFEVA-CONICET).
- 2021-2025 Steering committee Graduate School, University of Buenos Aires.

Publications (Total: 81 publications; H Index 36, Total citations 7697 as 12/25)

* Underlined first authors are students or postdocs directed or co-directed

- **Yahdjian L.**, Campana S., Tognetti P., Alberti J., Graff P., Molina C., Borer E., Seabloom E., Prober S., Mac Dougall A., Risch A.C., Power S.NutNet CONSORTIUM. 2025. Insights on global rangeland ecosystem services shaped by grazing and fertilization. *Frontiers in Ecology and the Environment* DOI:10.1002/fee.70022 (in press).
- Biancari L., Oñatibia G., Le Bagousse-Pinguet Y., Gross N., **Yahdjian L.**, Aguiar M.,& Maestre F. 2025. Plant diversity enhances ecosystem resistance to increasing grazing pressure in global drylands. *Nature Ecology & Evolution* (in press; Member of the core group of authors).
- Rahmanian S., Eisenhauer N., Huang Y., Hejda M., Pyšek P., Feilhauer H., Delgado-Baquerizo M., Gross N., Le Bagousse-Pinguet Y., Saiz H., Berdugo M., Gozalo B., Ochoa V, ,,,,**Yahdjian L**Biodesert CONSORTIUM & Maestre F. 2025. Abiotic and biotic controls of non-native perennial plant success in drylands. *Nature Ecology & Evolution* (in press).
- Worthy S.J., Luong J.C., Wainwright B-E., Aguiñaga J., Auge H., Barcu A.C., Batbaatar A. **Yahdjian L**DroughtNet CONSORTIUM & Funk. 2025. Growth form and lifespan of herbaceous species mediate the role of traits in short-term drought response. *Nature Ecology & Evolution* (in press).
- Ravetta M.*, Bondaruk V., Oñatibia G.R., Loydi A., Pascual J., Peri P., Peter G., Oliva G., Ferrante D., Bruschetti C., Daleo P., Agüero W., **Yahdjian L**. 2025. Drought and plant invasions along an aridity gradient. *Journal of Vegetation Science* e70084. <https://doi.org/10.1111/jvs.70084>
- Ohlert T., Smith M.D., Collins S.L., Knapp A., Dukes J, Munson S, Anderson M., Avolio M., ... **Yahdjian L.**, DroughtNet CONSORTIUM, & Zuo X. 2025. Drought intensity and duration interact to magnify losses in primary productivity. *Science* 390,284-289(2025). <https://doi.org/10.1126/science.ads8144> (Member of the core group of authors).
- Bondaruk V.*, Xu C., Wilfahrt P., **Yahdjian L.**, Yu Q., Alberti J., ... NPKD CONSORTIUM, & Hautier Y. 2025. Aridity modulates grassland biomass responses to combined drought and nutrient addition. *Nature Ecology & Evolution*. <https://doi.org/10.1038/s41559-025-02705-8>.
- Fay P.A[#]., Gherardi L.A. [#], **Yahdjian L.** [#], Adler P., Bakker J.D., Bharath S., Borer E.T., Harpole S.W., Hersch-Green E., Huxman T.E., MacDougall A.S., Risch A.C., Seabloom E.W., NutNet consortium. 2025. Interactions among nutrients govern the global grassland biomass - precipitation relationship. *Proceedings of the National Academy of Sciences* 122 (15) e2410748122 <https://doi.org/10.1073/pnas.2410748122>. #Corresponding authors.
- Smit I. C., le Roux P. C., Soliveres S., Gross N., Le Bagousse-Pinguet Y., Saiz H., ... **Yahdjian L.**, BIODESERT CONSORTIUM, & Maestre F. 2025. Plant trait matching occurs in facilitative interactions across global drylands. *Global Ecology and Biogeography* 34 (11)e70158. <https://doi.org/10.1111/geb.70158>
- Carroll O., Borer E., Seabloom E., **Yahdjian L**, NutNet CONSORTIUM, & MacDougall A.S. 2025. Frequent failure o. f nutrients to increase plant biomass supports the need for precision fertilization in agriculture. *Scientific Reports* 15:14564. <https://doi.org/10.1038/s41598-025-99071-z>.
- Wang L., Zhao J., Zhu Y., Li Z., Shi Z., Yang X., **Yahdjian L**. 2025. Plant invasion risk assessment in Argentina's arid and semi-arid rangelands. *Journal of Environmental Management* 377, 124648 <https://doi.org/10.1016/j.jenvman.2025.124648>.
- Spohn M. Bagchi S, Bakker J, Borer E, Carbutt, Jane A. Catford, Christopher R. Dickman, ... **Yahdjian L.**, ..., & Seabloom E. 2025. Interactive and unimodal relationships between plant biomass, abiotic factors, and plant diversity in global grasslands. *Communications Biology* 8, 97.

<https://doi.org/10.1038/s42003-025-07518-w>

- Piñeiro-Guerra J.M*, Lewczuk N., Della Chiesa T., Araujo P.I., Acreche M., Alvarez C., Alvarez C.R., Chalco Vera J., Costantini A., De Tellería J., Petrasek M., Piccinetti C., Picone L., Portela S.I., Posse G., Seijo M., Videla C., **Yahdjian L.**, Piñeiro G. 2025. Spatial variability of nitrous oxide emissions from croplands and unmanaged natural ecosystems across a large environmental gradient. *Journal of Environmental Quality* 1-16. <https://doi.org/10.1002/jeq2.20663>.
- Campana S*, Tognetti P., Alberti J., Graff P., Molina C., Silvano M. C., **Yahdjian L.** 2024. The temporal and spatial stability of plant diversity are disconnected from biomass stability in response to human activities in a South American temperate grassland. *Science of the Total Environment* 10.1016/j.scitotenv.2024.177031.
- Velasco Ayuso S*, Oñatibia G. R., **Yahdjian L.** 2024. Soil multifunctionality increases after grazing abandonment in semiarid rangelands. *Applied Soil Ecology*, Volume 201, 2024, 105522, <https://doi.org/10.1016/j.apsoil.2024.105522>.
- Biancari L., Aguiar M.R., Eldridge D.J., Oñatibia G.R., Le Bagousse-Pinguet Y., Saiz H., Gross N.,.....Biodesert consortium, **Yahdjian L.**, Zaady E., Maestre F. 2024. Drivers of woody dominance across global drylands, *Science Advances* 10, eadn6007 (2024). <https://10.1126/sciadv.adn6007> .
- Diaz-Martinez P., Maestre F. ...Biodesert Consortium..., **Yahdjian L.**, Xiaobing Zhou. 2024. Vulnerability of mineral-protected soil organic carbon to climate in global drylands. *Nature Climate Change* 14(9); 976-982. <https://doi.org/10.1038/s41558-024-02087-y>.
- MacDougall A.S, Esch E., Chen Q., Carroll O., Bonner C., Ohlert T., Siewart M., Sulik J., Schweiger A., Borer E..... **Yahdjian L.**....., NutNet consortium. 2024. Widening global variability in grassland biomass since the 1980s. *Nature Ecology & Evolution* <https://doi.org/10.1038/s41559-024-02500-x>.
- Gross N. Maestre F. ...Biodesert Consortium..., **Yahdjian L.**, Le Bagousse-Pinguet Y. 2024. Unforeseen plant phenotypic diversity in a dry and grazed world. *Nature* <https://doi.org/10.1038/s41586-024-07731-3>.
- Eldridge D., Dorrough J., Delgado-Baquerizo M., Sala O.E., Gross N.,Le Bagousse-Pinguet Y., Mallen-Cooper M., Saiz H. ,..... Biodesert Consortium, **Yahdjian L.**, Maestre F. 2024, Hotspots of biogeochemical activity linked to aridity and plant traits across global drylands. *Nature Plants* <https://Article.doi.org/10.1038/s41477-024-01670-7>.
- Sarneel J, Hefting M.M., Sandén T., van den Hoogen J., Routh D. ... **Yahdjian L.** ...TeaComposition consortium. 2024. Reading tea leaves worldwide: decoupled drivers of initial litter decomposition mass-loss rate and stabilization. *Ecology Letters* 2024;27:e14 415. <https://doi.org/10.1111/ele.14415>.
- Piazza M.V., Pinto P., Bazzoni B., Berenstecher P., Casas C., López Zieher X., Mallerman J., Méndez M., Omacini M., Piñeiro G., Semmartin M., Vivanco L., **Yahdjian L.** 2024. From plant litter to soil organic matter: a game to understand carbon dynamics. *Frontiers in Ecology and the Environment*, e2724, doi:10.1002/fee.2724.
- Smith M.D., Wilkins K., Holdrege M.C., Wilfahrt P., Collins S.L., Knapp A., Sala O.E., Dukes J, Phillips R., **Yahdjian L.**, DroughtNet CONSORTIUM, & Sun W, 2024. Extreme drought impacts have been underestimated in grasslands and shrublands globally. *Proceedings of the National Academy of Sciences*, 121(4), e2309881120. <https://doi.org/10.1073/pnas.2309881120> (Member of the core group of authors).
- Carboni L.J.* , **Yahdjian L.** Oñatibia G. 2023. Effects of livestock grazing intensification on plant communities of Patagonian drylands increase with increasing aridity. *Applied Vegetation Science* 26:4, e12754. <https://doi.org/10.1111/avsc.12754> (This paper is among the top 10 most-cited papers published by the journal in 2023).

- Ciavattini M.*, Tognetti P.M., Campana S., **Yahdjian L.** 2023. Livestock grazing promotes legume abundance under increased nutrient loads: Mechanistic evidence from a temperate grassland. *Applied Vegetation Science* 26:4, e12751. <https://doi.org/10.1111/avsc.12751>.
- Spohn M. Bagchi S., Biederman L.A., Borer E.T., Bråthen K.A., NutNet CONSORTIUM..& **Yahdjian L.** 2023. The positive effect of plant diversity on soil organic carbon depends on climate. *Nature Communications* 14, 6624 (2023). <https://doi.org/10.1038/s41467-023-42340-0>.
- **Yahdjian L.**, Carboni L.J., Velasco Ayuso S., Oñatibia G.R. 2023. Intensification of livestock farming in times of climate change: The challenges of domestic grazing in the drylands of the Argentine Patagonia. *Metode Science Studies Journal*, 13: 25–31. ISSN 2174-3487. eISSN: 2174-9221. <https://doi.org/10.7203/metode.13.21553>. **Tambien disponible en español:** Intensificación de la ganadería en tiempos de cambio climático: Desafíos del pastoreo doméstico en las zonas áridas de la Patagonia Argentina. Monográfico para “Zonas áridas: oportunidades, retos y amenazas”. <https://doi.org/10.7203/metode.13.2155>.
- Garbowski M., Boughton E., Ebeling A., Fay P., Hautier Y., Holz H., Jentsch A., Jurburg S., Ladouceur E., Martina J., Ohlert T., Raynaud X., Roscher C., Sonnier G., Tognetti P., **Yahdjian L.**, Wilfart P. Harpole W.S. 2023. Nutrient enrichment alters seasonal beta-diversity in global grasslands. *Journal of Ecology*. <http://doi.org/10.1111/1365-2745.14182>.
- Toledo S., Bondaruk V.F., **Yahdjian L.**, Oñatibia G.R., Loydi A., Alberti J., Bruschetti M., Pascual J., Peter G., Agüero W.D, Namur P.R., Blanco L., Peri P.L. 2023. Environmental factors regulate soil microbial attributes and their response to drought in rangeland ecosystems. *Science of the Total Environment*, 892,164406. <https://doi.org/10.1016/j.scitotenv.2023.164406>.
- Maestre F.T., Le Bagousse-Pinguet Y., Delgado-Baquerizo M., Eldridge D.J., Saiz H., Berdugo M., Gozalo B., Ochoa V., Guirado E., **Yahdjian L.**, ...BIODESERT CONSORTIUM & Gross N. 2022. Livestock grazing and ecosystem service delivery in global drylands. *Science* 378 (6622): 915-920. <https://doi.org/10.1126/science.abq4062> .
- Toledo S., Gargaglione V., **Yahdjian L.**, Peri P. 2023. Differential responses of soil microorganisms to precipitation changes in austral semiarid grasslands. *Pedobiologia - Journal of Soil Ecology*, 150873. Vol 97-98, 2023, Pages 1-10. <https://doi.org/10.1016/j.pedobi.2023.150873>.
- Risch A., Zimmermann S., Schuetz M., Borer E., Broadbent A., Caldeira M. Davies K., Eisenhauer N., Eskelinen A., Fay P., Hagedorn F., Knops J., Lembrechts J., MacDougall A., McCulley B., Melbourne B., Moore J., Power S., Seabloom E., Silveira M., Virtanen R., **Yahdjian L.**, Ochoa Hueso R. 2023. Drivers of the microbial metabolic quotient across global grasslands. *Global Ecology and Biogeography* 32, 904–91. <https://doi.org/10.1111/geb.13664>.
- Petrasek M.R.*, Piñeiro G., Bonvecchi V.E., **Yahdjian L.** 2023. Are service crops an alternative for mitigating N₂O emissions in soybean crops in the Argentinian pampas? *J Environ Qual* 52:258–269. doi.org/10.1002/jeq2.20445.
- Frey B., Moser B., Tytgat B., Zimmermann S., Alberti J., Biederman L., Borer E.T., Brodbent A., Caldeira M.C., Davies Kendi F., Eisenhauer N., Eskelinen A., Fay P., Hagedorn F., Hautier Y., MacDougall A.S., McCulley R.L., Moore J.L., Nepel M., Power S.A., Seabloom E.W., Vasquez E., Virtanen R., **Yahdjian L.**, Risch A.C. 2023. Long-term N-addition alters the community structure of functionally important N-cycling soil microorganisms across global grasslands. *Soil Biology & Biochemistry* 176, 108887 <https://doi.org/10.1016/j.soilbio.2022.108887>.
- Maestre F.T., Le Bagousse-Pinguet Y., Delgado-Baquerizo M., Eldridge D.J., Saiz H., Berdugo M., Gozalo B., Ochoa V., Guirado E., García-Gómez M., Valencia E., Gaitán J.J, Asensio S., Mendoza B.J., Plaza C., Díaz-Martínez P., Rey A., Hu H., He J., Wang J.T., Lehmann A.,BIODESERT CONSORTIUM... **Yahdjian L.**, Zaady E., Zhang Y., Zhou X., Singh B.K., Gross N. 2022. Grazing and ecosystem service delivery in global drylands. *Science* 378 (6622): 915-920. DOI: 10.1126/science.abq4062.

- **Bondaruk V.F.***, Oñatibia G.R., Fernández R., Agüero W., Blanco L., Bruschetti C.M., Kröpfl A., Loydi A., Pascual J., Peri P., Peter G., Quiroga R. E., **Yahdjian L.** 2022. Forage provision is more affected by droughts in arid and semi-arid than in mesic rangelands. *Journal of Applied Ecology*, 59 (9) 2404-2418. <https://doi.org/10.1111/1365-2664.14243>.
- **Bondaruk V.F.***, Oñatibia G.R., Wilcox K.R., **Yahdjian L.** 2022. Standardized indices to estimate sensitivity to drought across ecosystems. *Applied Vegetation Science*, 25, e12674. <https://doi.org/10.1111/avsc.12674>
- Price J., Sitters J. Ohlert T., Brown C.S., Tognetti P., Seabloom E.W., Borer E.T., Prober S., MacDougall A.S., **Yahdjian L.**, Bakker E., ...& Wardle G.M.. 2022. Evolutionary history of grazing and resources determine herbivore exclusion effects on plant diversity. *Nature, Ecology and Evolution* 6(9), 1290-1298. <https://doi.org/10.1038/s41559-022-01809-9>. (Member of the core group of authors).
- Smith M., Koerner S., Avolio M., Komatsu K., Eby S., Forrestel E., Collins S., Wilcox K., Ahumada R., Morgan J., Oliva G., Oñatibia G., Overbeck G., Peter G., Quiroga E., Sankaran M., Wu J., **Yahdjian L.**, Yu Q. 2022. Richness, not evenness, varies across water availability gradients in grassy biomes on five continents. *Oecologia*, 199(3), 649-659. <https://doi.org/10.1007/s00442-022-05208-6>.
- **Della Chiesa T.***, Piñeiro G., Del Grosso S., Parton W., Araujo P., **Yahdjian L.** 2022. Higher than expected N₂O emissions from soybean crops in Argentina: estimates from DayCent-simulations and field measurements. *Science of the Total environment* 835 (2022) 155408. <https://doi.org/10.1016/j.scitotenv.2022.155408>.
- **Campana M.S.***, Tognetti P., **Yahdjian L.** 2022. Livestock exclusion reduces the temporal stability of grassland productivity regardless of eutrophication. *Science of the Total Environment* 817 (2022) 152707, <https://doi.org/10.1016/j.scitotenv.2021.152707>.
- **Della Chiesa T.***, Del Grosso S.J., Hartman M.D., Parton W.J., Echarte L., **Yahdjian L.**, Piñeiro G. 2022. A novel mechanism to simulate inter-cropping and relay-cropping using the DayCent model. *Ecological Modelling* 465:109869. <https://doi.org/10.1016/j.ecolmodel.2021.109869>.
- **Yahdjian L.**, Sala O.E., Piñeiro-Guerra J.M., Knapp A.K., Collins S., Phillips R., Smith M. 2021. Why coordinated distributed experiments should go global. *BioScience* 71 (9), 918–927. doi:10.1093/biosci/biab033.
- **Campana M.S.***, **Yahdjian L.** 2021. Plant quality and primary productivity modulate plant biomass responses to the joint effects of grazing and fertilization in a mesic grassland. *Applied Vegetation Science*. 24(2), e12588 doi:10.1111/avsc.12588. (Premio JVS/AVS Editors' Awards for 2021; <https://vegsciblog.org/2022/01/06/jvs-avs-editors-awards-for-2021/>).
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- Piñeiro-Guerra J.*, **Yahdjian L.**, Della Chiesa T., Piñeiro G. 2019. Nitrous oxide emissions decrease with plant diversity but increase with grassland primary productivity. *Oecologia* 190:497-507. doi.org/10.1007/ s00442-019-04424-x. (Research highlight: Findlay A. 2019. Grassland gas. *Nature Climate Change* 9: 577).
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- Braun K., Collantes M.B., **Yahdjian L.**, Escartin C., Anchorena J. 2019. Interactive effects of the environment on litter decomposition of exotic invasive herb *Hieracium pilosella* (Asteraceae) in Southern Patagonia, Argentina. *Plant Ecology*. DOI 10.1007/s11258-019-00922-3.

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Current and recent grants

- 2023-2026. Swiss National Foundation. With or without livestock - how to sustain and preserve biodiversity, ecosystem functioning and services of grasslands, IZSTZ0_216535. Team member. Pi: Anita Risch.
- 2025 Scientific Meetings Grants to organize the XXXI Argentine Ecology Meeting, I Trinational Meeting of Argentina, Chile, and Uruguay - EX-2024-53878585- -APNDP#CONICET. Pi.
- 2023-2026. Patterns and mechanisms of change in the functioning of the planet's grasslands mediated by human use and biological invasions. PICT 2022-09-00265. Co-Pi.
- 2021-2025. Bilateral Cooperation Program CONICET NSFC (China) 2019. Pi Argentina: Laura Yahdjian. Pi China: Yang Xiaohui. Sino-Argentinian steppe degradation study: state assessment and rehabilitation strategies.
- 2023-2025. Coexistence mechanisms of herbaceous and woody plants in arid steppes. The role of the

- interaction network, ecological legacies, climate change and pastoralism. UBACyT 20020220200124BA. Team member. Pi: Aguiar Martín.
- 2022-2024. PIP. Taxonomic and functional diversity determine functional stability of Pampas grasslands. PIP 11220210100681CO. Pi.
 - 2022-2024. PICT Aplicados 2021 Categoría III – Bonding, validation and promotion of service crops as process technology for green agriculture with low environmental impact. Proposal No 0091. Team member. Pi: Gervasio Piñeiro.
 - 2021-2023. Functioning of Argentine grasslands in the face of global change: a regional experimental approach. PICT 2019-02324. Pi.
 - 2019-2023. SouthSkin: Biological Soil Crusts, the Living Skin of Soils that Alleviates the Effects of Desertification in Drylands: Present and Future Climatic and Land Use Conditions. Team member. Pi Sergio Velasco Ayuso. CNRS Changement Climatique.

Communication & outreach

- President of the Scientific Committee that organize the 1st. Trinational Meeting of Ecology, and XXXI Argentine Ecology Meeting. Mendoza, Argentina. October 5-10, 2025.
- International Colloquium Perspectives of Ecology in Latin America. Plenary talk: History of Ecology in Argentina. Instituto de Biología, Universidad Nacional de México, Ciudad de México. June 23-25, 2025.
- NSFC-CONICET Workshop on Sustainable Development. Centro Cultural de la Ciencia (C3), Buenos Aires, Argentina. April 23-24, 2025.
- ILTER 3rd Open Science Meeting. Invited Plenary Speaker “Long-term ecological research in South American rangelands reveals the effects of global change on ecosystem functioning.” Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences, China. October 14-17, 2024.
- International Grassland Ecology Conference: Climate Change and Adaptation. “Insights on rangeland ecosystem services shaped by grazing and fertilization from a global experimental network.” School of Grassland Science, Beijing Forestry University, Beijing, China. October 12th, 2024.
- Lecture invitation for graduate students; “Forage provision is more affected by droughts in arid and semi-arid than in mesic rangelands”. College of Agro-grassland Science, Nanjing Agricultural University. Nanjing. China. October 9th, 2024.
- VIII Scientific Meeting on Plant Biology “From Molecules to Ecosystems”. Plant development and plant genetic resources, September 25-27, 2024. Plenary presentation: “Grasslands as a model ecosystem to study the effects of global change”. Universidad de Talca. Talca, Chile.
- Panelist in the TV programe “EcoAgenda de la DTV Diputados de la HCN”. September 22 th 2023.
- Workshop “Evaluating the effect of multi-year drought in terrestrial ecosystems” organized by Melinda Smith. 7 – 12th February 2023, Todos Santos, Baja California, México.
- Panelist in the activity “Climate Change: What we can do”. Centro Cultural de la Ciencia C3. 2022.
- “The Nutrient Network” E. Borer, E. Seabloom. September 21-25th 2020, July 5-9th 2021, and 18-22nd 2022. Virtual meeting; University of Minnesota, Minneapolis St Paul. Minnesota, USA.
- Panelist in the activity "Live from the Field: Nutrient Cycling in Grasslands" 2020. Available in The Virtual Field web portal (<https://thevirtualfield.org/video/nutrient-cycling-in-grasslands/>).
- Meetings lectures: total 144 presentations in International (48), Bi-National or Regional (27), and National Meetings (69).

Mentoring

- 2 Researcher (Sergio Velasco Ayuso, Pamela Graff).
- 5 Postdocs (Lucia Casali, Tomas Della Chiesa, Juan Manuel Piñeiro, Sergio Velasco Ayuso, M. Florencia Spirito).
- 12 Graduate Students: 10 PhD (Zoe Rodríguez Marvaldi, Maria Ravetta, Brian Zenteno, Marcos Petrsek (2023), Viviana Bondaruk (2023), Ximena López Zieher (2023), Sofía Campana (2020), Tomas Della Chiesa (2020), Patricia I. Araujo (2012), Virginia Massara (2011). 2 Master Degree

María del Rosario Lonardi (2024) Luciana Couso (2011).

- 11 Undergraduate students (María Ravetta (2022), Ma. Florencia Castagnani (2019), Lucas Carboni (2019), Mariana (2017), Ximena López Zieher (2014), Gimena Vilardo. (2011), M. Florencia Spirito (2009), Nicolás Sala (2009), Emiliano T. Rasevich (2008), Santiago Zervino (2007), Patricia I. Araujo (2006).

Teaching & pedagogy

- 2023 - Associate Professor. University of Buenos Aires (UBA), Faculty of Agronomy, Department of Ecology. Permanent position obtained through competitive examination and evaluation of qualifications. Professor of Ecology and Biodiversity.
- 2019 - 2022. Assistant Professor UBA, Faculty of Agronomy, Department of Ecology. Permanent position obtained through competitive examination and evaluation of qualifications.
- 2020 - Director and instructor of the postgraduate course: Biodiversity. October 4-18, 2020, October 8-23, 2022, and October 5-18, 2024. Graduate School of Agronomy (EPG-FAUBA).
- 2025- Participation in the Postgraduate Workshop: Global Experimental Networks, taught by Eric Seabloom at EPG-FAUBA, September 17-18, 2025.
- 2022-2024 Postgraduate Course: Role of Biodiversity in Agroecosystems. Specialization in Agroecology. EPG-FAUBA. August 18-20, 2022 and June 7-8, 2024.
- 2017-2023 Participation in the Postgraduate Course: Fundamentals and Recent Advances in Ecology, taught by Martin Aguiar. 2017, 2019, 2021, and 2023. EPG-FAUBA.
- 2013-2019 Adjunct Professor. University of Buenos Aires, Faculty of Agronomy, Department of Ecology.
- 2005-2019 Head of Practical Work. Regular position obtained through competitive examination and evaluation of qualifications. University of Buenos Aires, Faculty of Agronomy, Department of Ecology.