Curriculum vitae

Jaime Moyano

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Cargos

Investigador asistente, INIBIOMA (Universidad Nacional del Comahue – CONICET) (desde 2022)

Editor Asociado – Plant Ecology (desde 2021)
Editor Temático – Ecological Monographs (desde 2024)
Editor Asociado – Biological Invasions (desde 2025)

Publicaciones

Moyano J, García-Díaz P, Langdon B, Palmer S, Caplat P, Lambin X, Pauchard A, Nuñez MA (2025). Remove saplings early: cost effective strategies to contain tree invasions and prevent their impacts. *Journal of Applied Ecology*, *n/a*(n/a). https://doi.org/10.1111/1365-2664.14870

Erazo M, García-Díaz P, Langdon B, Mustin K, Cava M, Damasceno G, Huerta MF, Linardaki E, **Moyano J**, Montti L, Powell PA, Bodey TW, Burslem DFRP, Fasola L, Fidelis A, Lambin X, Marinaro S, Pauchard A, Phimister E, Raffo E, Rodríguez-Jorquera I, Roesler I, Tomasevic JA, Pizarro JC (2024). Stakeholder mapping for strengthening the researcher-practitioner-community nexus in invasive non-native species management in South America. *Neobiota*, 93, 293–319. https://doi.org/10.3897/neobiota.93.121386

Gundale MJ, Lindberg L, Fajardo A, Nuñez MA, Nilsson MC, Kardol P, **Moyano J** & Nuske SJ (2024). Functional traits differ across an invasive tree species' native, introduced, and invasive populations. Biological Invasions, 26(7), 2295–2311. https://doi.org/10.1007/s10530-024-03316-3

Haubrock P, Soto I, Ahmed DA, Ansari AR, Tarkan AS, Kurtul I, Macêdo RL, Lázaro-Lobo A, Toutain M, Parker B, Błońska D, Guareschi S, Cano-Barbacil C, Dominguez Almela V, Andreou D, **Moyano J**, Akalın S, Kaya C, Bayçelebi E, Yoğurtçuoğlu B, Briski E, Aksu S, Emiroğlu O, Mammola S, De Santis V, Kourantidou M, Pincheira-Donoso D, Britton JB, Kouba A, Dolan EJ, Kirichenko NI, García-Berthou E, Renault D, Fernandez RD, Yapıcı S, Giannetto D, Nuñez MA, Hudgins EJ, Pergl J, Milardi M, Musolin DL & Cuthbert RN (2024). Biological invasions are a population-level rather than a species-level phenomenon. Global Change Biology, 30(5), e17312. https://doi.org/10.1111/gcb.17312

Moyano J, Dimarco RD, Paritsis J, Peterson T, Peltzer DA, Crawford KM, McCary MA, Davis KT, Pauchard A & Nuñez MA (2024). Unintended consequences of planting native and non-native trees in treeless ecosystems to mitigate climate change. Journal of Ecology, *112*(11), 2480–2491. https://doi.org/10.1111/1365-2745.14300

Moyano J (2023). Origins of successful invasions. *Nature Ecology and Evolution*. 7: 1583–1584.

Moyano J, Simberloff D, Relva MA, Nuñez MA (2023). Increasing tree invasion on Isla Victoria: 10 years after the original "gringos en el bosque" study. *Biological Invasions*. doi: 10.1007/s10530-023-03103-6

Moyano J, Zamora-Nasca LB, Caplat P, García-Díaz P, Langdon B, Lambin X, Montti L, Pauchard A, Nuñez MA (2023). Predicting the impact of invasive trees from different measures of abundance. Journal of Environmental Management. doi: 10.1016/j.jenvman.2022.116480

Policelli N, Hoeksema JD, **Moyano J**, Vilgalys R, Vivelo S, Bhatnagar JM (2023). Global pine tree invasions are linked to invasive root symbionts. *New Phytologist*. doi: 10.1111/nph.18527

Moyano J, Essl F, Heleno R, Vargas P, Nuñez MA, Rodriguez-Cabal, MA (2022). Diaspore traits specialized to animal adhesion and sea current dispersal are positively associated with the naturalization of European plants across the world. *Ecography*. doi: 10.1111/ecog.06423

Chiuffo MC, **Moyano J**, Policelli N, Torres A, Vitali A, Nuñez MA, Rodriguez-Cabal MA (2022). Importance of invasion mechanisms varies with abiotic context and plant invader growth form. *Journal of Ecology,* 110, 1957–1969.

García-Díaz P, Montti L, Powell PA, Phimister E, Pizarro JC, Fasola L, Langdon B, Pauchard A, Raffo E, Bastías J, Damasceno G, Fidelis A, Huerta MF, Linardaki E, **Moyano J**, Núñez MA, Ortiz MI, Rodríguez-Jorquera I, Roesler I, Tomasevic JA, Burslem DFRP, Cava M, and Lambin X (2022). Identifying Priorities, Targets, and Actions for the Long-term Social and Ecological Management of Invasive Non-Native Species. *Environmental Management,* 69, 140–153.

Moyano J, Rodriguez-Cabal MA, Nuñez MA (2020). Invasive trees rely more on mycorrhizas, countering the ideal weed hypothesis. *Ecology*, 101, e03330.

García-Díaz P, Cassey P, Norbury G, Lambin X, Montti L, Pizarro JC, Powell PA, Burslem DFRP, Cava M, Damasceno G, Fasola L, Fidelis A, Huerta-Téllez M, Langdon B, Linardaki E, **Moyano J**, Núñez MA, Pauchard A, Phimister E, Raffo E, Roesler I, Rodríguez-Jorquera I & Tomasevic JA (2021). Management policies for invasive alien species: Addressing the impacts rather than the species. *Bioscience*, 71, 174-185.

Nuske SJ, Fajardo A, Nuñez MA, Pauchard A, Wardle DA, Nilsson MC, Kardol P, Smith JE, Peltzer DA, **Moyano J**, Gundale MJ (2021). Soil biotic and abiotic effects on seedling growth exhibit context-dependent interactions: evidence from a multi-country experiment on *Pinus contorta* invasion. *New Phytologist.* doi: 10.1111/nph.17449

Perez LI, Gundel PE, García Parisi PA, Moyano J, Fiorenza JE, Omacini M, Nuñez MA (2021). Can seed-borne endophytes promote grass invasion by reducing host dependence on mycorrhizas? *Fungal Ecology,* 52, 101077.

Moyano J, Rodriguez-Cabal MA, Nuñez MA (2020). Highly invasive tree species are more dependent on mutualisms. *Ecology*, 101, e02997.

Moyano J, Dickie IA, Rodriguez-Cabal MA, Nuñez MA (2020). Patterns of global plant naturalization suggest that facultative mycorrhizal plants are more likely to succeed outside their native Eurasian ranges. *Ecography,* 43, 648-659.

Lambin X, Burslem DFRP, Caplat P, Cornullier T, Damasceno G, Fasola L, Fidelis A, Garcia Diaz P, Langdon B, Linardaki E, **Moyano J**, Montti LF, Nuñez MA, Palmer SCF, Pauchard A, Phimister E, Pizarro JC, Powell PA, Raffo E, Rodríguez-Jorquera IA, Roesler K, Tomasevic JA, Travis JMJ, Vergugo C (2020). CONTAIN: Optimizing the long-term management of invasive species using adaptive management. *Neobiota*, 59, 119-138.

Moyano J, Chiuffo MC, Nuñez MA, Rodriguez-Cabal MA (2019). Seed predation does not explain pine invasion success. *Oecologia*, 189, 981-991.

Moyano J, Chiuffo MC, Policelli N, Nuñez MA, Rodriguez-Cabal MA (2019). The interplay between propagule pressure, seed predation and ectomycorrhizal fungi in plant invasion. *NeoBiota*, 42, 45-58.

Chiuffo MC, **Moyano J**, Rodriguez-Cabal MA, Nuñez MA (2018). Seed predation of non-native species along a precipitation gradient. *Plant Ecology*, 219, 1307-1314.

Chiuffo MC, Policelli N, **Moyano J**, Torres A, Rodriguez-Cabal MA, Nuñez MA (2018). Still no evidence that pathogen accumulation can revert the impact of invasive plant species. *Biological Invasions*, 20, 9-10.

Singh SP, Inderjit, Singh JS, Majumdar S, **Moyano J**, Nuñez MA, Richardson DM (2018). Insights on the persistence of pines (*Pinus* species) in the Late Cretaceous and their increasing dominance in the Anthropocene. *Ecology and Evolution*, 8, 10345-10359.

Policelli N, Chiuffo MC, **Moyano J**, Torres A, Rodriguez-Cabal MA, Nuñez MA (2018). Pathogen accumulation cannot undo the impact of invasive species. *Biological Invasions*, 20, 1-4.

Nuñez MA, Chiuffo MC, Torres A, Paul T, Dimarco RD, Raal P, Policelli N, **Moyano J**, García RA, van Wilgen BW, Pauchard A, Richardson DM (2017). Ecology and management of invasive Pinaceae around the world: progress and challenges. *Biological Invasions*, 19, 3099-3120.

Mazía N, **Moyano J**, Perez L, Aguiar S, Garibaldi LA, Schlichter T (2016). The sign and magnitude of tree–grass interaction along a global environmental gradient. *Global Ecology and Biogeography*, 25, 1510-1519.

Congresos

Moyano J, Langdon B, Palmer S, Caplat P, García-Díaz P, Lambin X, Pauchard A, Nuñez MA. Strategies to reduce invasive trees spread and impact. Ecology and Management of Alien Plant Invasions, Pucón, Chile. 2023

Moyano J, Langdon B, Palmer S, Caplat P, García-Díaz P, Lambin X, Pauchard A, Nuñez MA. Estrategias para reducir la invasión de pinos en pastizales patagónicos. Reunión Argentina de Ecología (RAE), Bariloche, Río Negro. 2023

Moyano J, Rodriguez-Cabal MA, Nuñez MA. Invasive pines rely more on mycorrhizas. Festival of Ecology, British Ecological Society (BES). 2020

Nuske S, Kardol P, Wardle D, Nilsson M, Smith J, Pauchard A, Peltzer D, **Moyano J**, Nuñez MA, Gundale M. Advancing understanding of invasion ecology with Pines. XXV IUFRO Congress. Curitiba, Brazil. 2019

Moyano J, Rodriguez-Cabal MA, Nuñez MA. Highly invasive species are more dependent on mutualisms: evidence from tree invasions and mycorrhizal fungi. British Ecological Society (BES) annual meeting. Birmingham, England. 2018

Moyano J, Chiuffo M, Nuñez MA, Rodriguez-Cabal MA. Balance entre presión de propágulos y resistencia biótica determinan avance de invasión. Reunión anual Sociedad Ecología de Chile. Puerto Varas, Chile. 2017

Chiuffo M, **Moyano J**, Rodriguez-Cabal MA, Nuñez MA. Patrones de depredación de semillas: La resistencia biótica varía en un gradiente abiótico. Reunión anual Sociedad Ecología de Chile. Puerto Varas, Chile. 2017

Núñez MA, **Moyano J**, Torres A. La ecología de las invasiones y el manejo de las malezas: diferencias y similitudes. Reunión Asociación civil Argentina de Ciencia de las Malezas. Rosario, Santa Fe. 2016

Mazía N, **Moyano J**, Perez LI, Aguiar S, Garibaldi LA, Schlichter T. La magnitud de las interacciones entre pastos y árboles a lo largo de un gradiente ambiental global. Reunión Argentina de Ecología, Iguazú, Misiones. 2016

Becas

Beca postdoctoral Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) (2021-2023)

Beca finalización doctorado Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) (2019-2020)

Beca doctoral Fondo para la Investigación Científica y Tecnológica (FONCYT PICT 2014 No 0662) (2016-2018)

Subsidios

CONTAIN Small Grant. Cost benefit analyses and rapid assessment of pine demography to guide management actions. (2022-2023). 18000 £. Principal investigator.

Rufford Small Grant. What traits favor non-native Pine invasions in Patagonia? Tools for preventing future conservation problems. Project 23089-1 (2017-2018). 4940 £. Principal investigator.

Newton Latin American Biodiversity Programme (NERC). Optimising the long-term management of invasive species affecting biodiversity and the rural economy using adaptive management. Project NE/S011641/1 (2019-2023). 1077979 £. Grupo colaborador.

Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT). Desarrollo de un bioinoculante forestal: mayor productividad y menor daño ambiental para futuras plantaciones. Proyecto FONCyT (PICT start up 2018-0329). 1166550 $. Grupo colaborador.

Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT). Role of interacting belowground mechanisms in Douglas-fir invasion of native Nothofagus forests. Proyecto FONCyT (PICT 2016-1412). 810000$. Grupo colaborador.

Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) ¿Modifican los mamíferos introducidos la invasión de árboles exóticos? Un análisis de mecanismos basado en experimentos naturales. Proyecto FONCyT (PICT 2014-0662). 610050 $. Grupo colaborador.

Formación de Recursos Humanos

Dirección de tesis de grado
Codirector de Danila Sanchez
Licenciatura en Ciencias Ambientales
Universidad de Buenos Aires

Evaluación de trabajos científicos

Evaluación de artículos

AoB Plants (1)
Applied Vegetation Science (1)
Austral Ecology (2)
Biological Invasions (38)

BioScience (1)
Boletin de la Sociedad Argentina de Botanica (2)
Dendrobiology (1)
Ecology (1)
Ecological Applications (3)
Ecology and Evolution (1)
Ecology Letters (1)
Ecological Monographs (2)
Forest Ecology and Management (4)
Forests (1)
Functional Ecology (3)
Global Ecology and Biogeography (1)
Journal of Applied Ecology (7)
Journal of Biogeography (1)
Journal of Ecology (2)
Journal of Environmental Management (3)
Nature Communications (3)
Nature Ecology and Evolution (3)
New Phytologist (5)
Oecologia (1)
Oikos (1)
Plant and Soil (4)
Plant Ecology (6)
Scientific reports (2)

Evaluación de proyectos

Proyectos FONCyT PICT (1)
Solicitud ingreso CIC CONICET (2)
Proyectos doctorado (Universidad Nacional del Comahue) (1)

Docencia

Curso de posgrado "Ecología de Invasiones Biológicas",
Programa de doctorado,
Universidad Nacional del Comahue (2024)

Cátedra de Dasonomía, Facultad de Agronomía
Universidad de Buenos Aires
Ayudante de cátedra (2012-2015)
Cursos "Producción Forestal" y "Agroecosistemas"

Experiencia profesional

Asociación Argentina de Consorcios regionales de Experimentación Agrícola (AACREA)
Investigación y Desarrollo (2012-2015)

Curriculum Vitae de
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Educación
Ph.D. en Ecology and Evolutionary Biology, abril 2008. The University of Tennessee, EEUU.
Licenciado en Ciencias Biológicas, octubre 2002. Universidad Nacional del Comahue en Bariloche, Argentina.

Posiciones Académicas
2021- Presente. Associate Professor, Department of Biology and Biochemistry, division of Ecology and Evolution, University of Houston, TX.

8/2015-presente, Profesor. Universidad Nacional del Comahue
2021-present Investigador Principal de CONICET. INIBIOMA Bariloche

1/2015-2021 Investigador Independiente de CONICET. INIBIOMA Bariloche
8/2013-8/2015, asistente de Docencia(ASD) Universidad Nacional del Comahue
8/2012-2014 Investigador adjunto de CONICET. INIBIOMA Bariloche
5/2010-8/2012, Investigador asociado Post-doctoral - Dr. Daniel Simberloff, Dep. of Ecology and Evolutionary Biology, The University of Tennessee, Knoxville
5/2008-4/2010, Investigador asociado Post-doctoral - Dra. Betsy Von Holle, Dep. of Biology, University of Central Florida, Orlando; Dr. Daniel Simberloff, Dep. of Ecology and Evolutionary Biology, The University of Tennessee, Knoxville
8/2003-4/2008, Asistente de docencia, Dep. of Ecology and Evolutionary Biology, The University of Tennessee – Knoxville

Publicaciones científicas, utimos 5 años (* = con estudiante o becario bajo mi supervisión, en total 158 publicaciones)

*Torres, A., Morán-López T., Nuñez M. A., Rodríguez-Cabal M. A. 2023, in press. Inverse priority effects: the order and timing of invasive species removal influence community reassembly. **Journal of Applied Ecology**.

*Eckert, I., De Bellis, T., Muñoz, G., Kembel, S.W., Lessard, J.-P. and **Nuñez, M.A**. (2023, in press), A single range-expanding species reshapes alpine ecosystems and their belowground diversity. **Oikos** e10114. https://doi.org/10.1111/oik.10114

*Torres, A., Morán-López T., Rodríguez-Cabal M. A., Núñez. 2023. Timing of invasive species removal influences nonnative biotic resistance and trajectories of community reassembly. **Journal of Ecology**, doi: https://doi.org/10.1111/1365-2745.14168

*Moyano, J., Simberloff, D., Relva, M.A. and **Nuñez, M.A** . Increasing tree invasion on Isla Victoria: 10 years after the original "gringos en el bosque" study. **Biol Invasions 25**, 3025–3031 (2023). https://doi.org/10.1007/s10530-023-03103-6

*Fernandez, R.D., Haubrock, P.J., Cuthbert, R.N., Heringer, G., Kourantidou, M., Hudgins, E.J., Angulo, E., Diagne, C.A., Courchamp, F. and **Nuñez, M.A**., 2023. Underexplored and growing economic costs of invasive alien trees. **Scientific Reports**, *13*(1), p.8945.

Zenni, R.D., Barlow, J., Pettorelli, N., Stephens, P., Rader, R., Siqueira, T., Gordon, R., Pinfield, T. and **Nuñez, M.A.** 2023. Multi-lingual literature searches are needed to unveil global knowledge. **J Appl Ecol**, 60: 380-383. https://doi.org/10.1111/1365-2664.14370

*Moyano, J., L. B. Zamora-Nasca, P. Caplat, P. García-Díaz, B. Langdon, X. Lambin, L. Montti, A. Pauchard, **and M. A. Nuñez.** 2023. Predicting the impact of invasive trees from different measures of abundance. **Journal of Environmental Management** 325:116480.

Mundo, I. A., Zamorano-Elgueta, C., Salgado Salomón, M. E., Vélez, M. L., Speziale, K., Shepherd, J. D., Skewes, O., Relva, M. A., Puchi, P., Pauchard, A. ., Nuñez, M. A., Sanguinetti, J., Marchelli, P., Lambertucci, S. A., Ladio, A., Ibarra, J. T., González, M. E., Gallo, L., Hadad, M. A., Donoso Calderón, S. R., & Ditgen, R. S. (2023). Relevant scientific information for management and conservation of the Pewen biocultural ecosystem in Chile and Argentina. **Revista Bosque,** *44*(1), 179–190

Fuentes-Lillo, E., J. J. Lembrechts, A. Barros, V. Aschero, R. O. Bustamante, L. A. Cavieres, J. Clavel, I. Herrera, A. Jiménez, P. Tecco, P. E. Hulme, M. A. Núñez, R. Rozzi, R. A. García, D. Simberloff, I. Nijs, and A.

Pauchard. 2023, in press. Going up the Andes: patterns and drivers of non-native plant invasions across latitudinal and elevational gradients. **Biodiversity and Conservation**.

Monteiro M, Capinha C, Ferreira MT, Nuñez MA and Reino L .2023. Negative and positive impacts of alien macrofungi: a global scale database. **NeoBiota** 85: 23-42.

García, R.A.; Fuentes-Lillo, E.; Cavieres, L.; Cóbar-Carranza, A.J.; Davis, K.T.; Naour, M.; **Núñez, M.A.;** Maxwell, B.D.; Lembrechts, J.J.; Pauchard, A. (2023). Pinus contorta Alters Microenvironmental Conditions and Reduces Plant Diversity in Patagonian Ecosystems. Diversity 2023, 15, 320.

Mujic, A.B., Policelli, N., **Nuñez, M.A.** and Wilson. G. Co-invasive ectomycorrhizal fungi alter native soil fungal communities. Plant Soil 484, 547–567 (2023).

*Moyano, J., Essl, F., Heleno, R., Vargas, P., **Nuñez, M.A**. and Rodriguez-Cabal, M.A. 2022. Diaspore traits specialized to animal adhesion and sea current dispersal are positively associated with the naturalization of European plants across the world. Ecography, 2022: e06423.

*Iglesias, A.L., **Nuñez, M.A.** & Paritsis, J. The potential effect of climate change on the establishment of invasive pines in Patagonia. Plant Ecol 223, 1207–1218 (2022).

Mahdjoub, H., B. Maas, **M. A. Nuñez,** and R. Khelifa. 2022. Recommendations for making editorial boards diverse and inclusive. Trends in Ecology & Evolution 37:1021-1024.

Chiuffo, M. C., Moyano, J., Policelli, N., Torres, A., Vitali, A., **Nuñez, M. A.,** & Rodriguez-Cabal, M. A. (2022). Importance of invasion mechanisms varies with abiotic context and plant invader growth form. Journal of Ecology, 110, 1957– 1969.

*Policelli, N, T Horton, T Kitzberger & **MA Nuñez**. 2022. "Invasive ectomycorrhizal fungi can disperse in the absence of their known vectors." Fungal Ecology **55**: 101124.

Nuñez, MA, Chiuffo, M, Seebens, H, Kuebbing, S, McCary, MA, Lieurance, D, Zhang, B, Simberloff, D, & Meyerson, LA. 2022. Two decades of data reveal that Biological Invasions needs to increase participation beyond North America, Europe, and Australasia. Biological Invasions, 24(2), 333-340. https://doi.org/10.1007/s10530-021-02666-6

*Torres, A, Rodriguez-Cabal, MA, & **Nuñez, MA**. 2022. Do not come late to the party: initial success of nonnative species is contingent on timing of arrival of co-occurring nonnatives. Biological Invasions, 24(2), 557-573. https://doi.org/10.1007/s10530-021-02660-y

Garcia-Diaz, P, Montti, L, Powell, PA, Phimister, E, Pizarro, JC, Fasola, L, Langdon, B, Pauchard, A, Raffo, E, Bastias, J, Damasceno, G, Fidelis, A, Huerta, MF, Linardaki, E, Moyano, J, **Nuñez, MA**, Ortiz, MI, Rodriguez-Jorquera, I, & Lambin, X. 2022. Identifying Priorities, Targets, and Actions for the Long-term Social and Ecological Management of Invasive Non-Native Species. Environmental Management, 69(1), 140-153. https://doi.org/10.1007/s00267-021-01541-3

Khelifa, R, Amano, T, & **Nuñez, MA**.2022. A solution for breaking the language barrier. Trends in Ecology & Evolution, 37(2), 109-112. https://doi.org/10.1016/j.tree.2021.11.003

Kourantidou, M, Haubrock, PJ, Cuthbert, RN, Bodey, TW, Lenzner, B, Gozlan, RE, **Nuñez, MA,** Salles, JM, Diagne, C, & Courchamp, F. 2022. Invasive alien species as simultaneous benefits and burdens: trends, stakeholder perceptions and management. Biological Invasions. https://doi.org/10.1007/s10530-021-02727-w

Kuebbing, SE, McCary, MA., Lieurance, D, **Nuñez, MA**, Chiuffo, MC, Zhang, B, Seebens, H, Simberloff, D, & Meyerson, LA. 2022. A self-study of editorial board diversity at Biological Invasions. Biological Invasions, 24(2), 321-332. https://doi.org/10.1007/s10530-021-02664-8

Lieurance, D, Kuebbing, S, McCary, MA, & **Nuñez, MA**.2022. Words matter: how to increase gender and LGBTQIA plus inclusivity at Biological Invasions. Biological Invasions, 24(2), 341-344. https://doi.org/10.1007/s10530-021-02665-7

Nuñez MA, Chiuffo M, Pauchard A. & Zenni R. 2021. Making ecology really global. **Trends in Ecology and Evolution** 36:766-769.

Perez LI, Gundel PE, Parisi PG, Moyano J, Fiorenza JE, Omacini M & **Nuñez MA**. 2021. Can seed-borne endophytes promote grass invasion by reducing host dependence on mycorrhizas? **Fungal Ecology**. 52: 101077.

Nuske SJ, Fajardo A, **Nuñez MA**, Pauchard A. Wardle DA, Nilsson MC, Kardol P, Smith JE, Peltzer DA, Moyano J & Gundale MJ 2021. Soil biotic and abiotic effects on seedling growth exhibit context dependent interactions: evidence from a multi-country experiment on Pinus contorta invasion. **New Phytologist 232: 303–317.**

*Moyano J, Rodriguez-Cabal MA & **Nuñez MA.** 2021. Invasive trees rely more on mycorrhizas, countering the ideal weed hypothesis. **Ecology** 102:03330

Duboscq-Carra V, Fernandez RD, Haubrock P, Dimarco RD, Angulo E, Ballesteros Mejia L, Diagne C, Courchamp F & **Nuñez MA.** *2021*. Economic impact of invasive alien species in Argentina: a first national synthesis. **NeoBiota** 67: 329-348.

Vila M, Dunn AM, Essl F, Gómez-Díaz E, Hulme PE, Jeschke JM, **Núñez MA**, Ostfeld RS, Pauchard A, Ricciardi A & Gallardo B. *Aceptado*. Viewing emerging human infectious epidemics through the lens of invasion biology. **BioScience**71: 722-740.

Nuñez MA, Davis KT, Dimarco RD, Peltzer DA, Paritsis J, Maxwell BD & Pauchard A. 2021. Should tree invasions be justified as a way to mitigate climate change in treeless ecosystems? **Frontiers in Ecology and the Environment** 19: 334-341

Pettorelli N, Barlow J, **Nuñez MA**, Rader R, Stephens PA, Pinfield T & Newton E (2021) How international journals can support ecology from the Global South. **Journal of Applied Ecology** 58: 4-8. doi:https://doi.org/10.1111/1365-2664.13815.

Nuñez, M.A. & T. Amano. 2021. Correspondence: Monolingual searches can limit and bias results in global literature reviews. **Nature Ecology & Evolution** 5:264-267.

*Policelli N, Horton T, Garcia R, Naour M, Pauchard A & **Nuñez MA.** 2020. Native and non-native trees can find compatible mycorrhizal partners in each other's dominated areas. **Plant and Soil** 454: 285-297.

Nuñez MA, Pauchard A & Ricciardi, A. *2020*. Invasion Science and the Global Spread of SARS-CoV-2. **Trends in Ecology & Evolution 35**:642-645.

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Milani, T., E. G. Jobbagy, **M. A. Nunez**, M. E. Ferrero, G. Baldi, and F. P. Teste. 2020. Stealth invasions on the rise: rapid long-distance establishment of exotic pines in mountain grasslands of Argentina. **Biological Invasions 22**:2989-3001.

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Subsidios y premios (últimos 5 años)

Foncyt, PICT. *¿Modifican los mamíferos introducidos la invasión de árboles exóticos? Un análisis de mecanismos basado en experimentos naturales en islas lacustres de la Patagonia Andina* (Investigador principal). 2015-2018

Academia Nacional de Ciencias Exactas, Físicas y Naturales. Premio Estímulo 2014 "Lorenzo R. Parodi" en Ciencias Biológicas. 2014

Ministerio de Agricultura, Ganadería y Pesca. BIO-SILVA. *Cada cosa en su lugar: técnicas de manejo, efecto sobre biodiversidad y procesos ecosistémicos de invasiones de coníferas exóticas asociadas a forestaciones* (Investigador Principal). 2013-2015

Foncyt, PICT. *La herbivoría por grandes mamíferos como determinante de la invasión de coníferas introducidas* (grupo responsable). 2013-2015

Ministerio de Agricultura, Ganadería y Pesca. PIA. *Desarrollo de protocolos para la prevención, monitoreo y control de las invasiones de coníferas introducidas en el N. O. Patagónico. Análisis de efectividad y costos* (Con el Dr. Mauro Sarasola). 2013-2015

Swedish Research council. Pauchard. *Plant invasions at high altitudes and latitudes: what drives them and how to manage them* (Con Drs. Ann Milbau y Anibal Pauchard). 2013-2016.

National Science Foundation, Population and Community Ecology Program. *Collaborative Research: Determinants of ectomycorrhizal fungal spread and its relation to Pinaceae invasion* (con D. Simberloff, U. of Tennessee, y T. R. Horton, SUNY-ESF). 2010-2013

Experiencia Profesional (últimos 5 años)

Editor Senior, Journal of Applied Ecology, 2016-presente

Editor Asociado, Ecología Austral (2014 – presente); Plant Ecology (2012-presente); Biological Invasions 2010-presente

Editor de Reviews, Plant Ecology, 2013-presente

Miembro Comisión de Doctorado, Universidad Nacional del Comahue (Tipo A, CONEAU), 2014-Presente

Director de Beca doctoral

2023-presente, Francisco Velasquez, University of Houston
2022-Presente, Tess Peterson, University of Houston
2021-presente. Rob West, University of Houston
2016-2021, Agostina Torres, CONICET-Inibioma
2016-2018, Jaime Moyano, PICT/CONICET-Inibioma
2015-2019, Nahuel Policelli, CONICET-Inibioma

Director de Beca post-doctoral

2016-2018, Mariana Chiuffo, CONICET-Inibioma
2013-2015, Sebastián Ballari, CONICET-Administración de Parques Nacionales

Tutor de tesis de doctorado,

2011-2015 Jeremy Hayward ,University of Syracuse, EEUU
2010-2013 Sara Kuebing, Universtiy of Tennessee, EEUU
2009-2013 Rafael Zenni, Universtiy of Tennessee, EEUU

Director tesis de magister 2014-2015 Miriam Sørensen, University of Copenhagen, Dinamarca

Co-director de tesis de Doctorado,

2017-2021, Tomas Milani, Universidad de San Luis, Argentina
2016-2020, Aimé Iglesias, Universidad Nacional del Comahue, Argentina
2013-2016, Lucía Zamora, Universidad Nacional del Comahue, Argentina
2011-2016, Valeria Martin-Albarracín, Universidad Nacional del Comahue, Argentina

Director de tesis de Licenciatura,

2016-Presente, Juan Cruz Costa, Universidad Nacional del Comahue, Argentina

Experiencia docente

Profesor Asociado, University of Houston, Dept. of Biology and Biochemistry

Profesor, Universidad Nacional del Comahue, CRUB, Área Ecología. 8/2015-presente.

Profesor invitado, "Trends in ecology of plant invasions", Malalcahuello, Chile. 6-11 abril 2014.

Asistente de docencia, J.T.P. de Ecología General, U. Nacional del Comahue, CRUB, Área Ecología. 2013-7/2015.

Profesor curso de posgrado, "Ecología de las invasiones biológicas" U. Nacional del Comahue, CRUB. 2013-Presente

Jurado Tesis Doctoral de Kirsty McGregor, University of Lincoln, Nueva Zelanda (2012); María Grisel Longo, UBA (2013); María Martha Mendez, U. Nac. del Comahue (2013); Mauro Carrasco. U. Nac. del Comahue (2013)**,** Andrés Guillermo Rolhauser, Universidad de Buenos Aires (2015).

Profesor suplente, Laboratorios y clases para la materia PCB 6046 Advanced Ecology, University of Central Florida. 2-4/2009.

Coordinador de asistente de docencia (JTP**)**, Biology 130, Div. of Biology, The University of Tennessee. 8/2007 – 5/2008.

Asistente de docencia, Biology 130, Division of Biology, The University of Tennessee. 1/2006-5/2007.

Instructor de curso de campo, "Invasion in Patagonia: tree invasion on Isla Victoria, Nahuel Huapi National Park, Argentina". Curso para estudiantes de PhD para la Section of Plant Ecology and Systematics, Lund University, Sweden (co- instructor con la Dra. Relva). 11/2005.

Asistente de docencia,

Conservation Biology 484, Dep. of Ecology and Evolutionary Biology, The University of Tennessee. 1-5/2004.
Ecology 250, Dep. of Ecology and Evolutionary Biology, The University of Tennessee. 8-12/2004.
Ecología General, U. Nacional del Comahue-Centro Regional Universitario Bariloche. 03/2000-12/2001