

CURRICULUM VITAE - ROCÍO MELINA GARCIA

Researcher specializing in forest policy and governance, sustainable forest management, and land use dynamics in socio-ecological systems.

Interests: Environmental Governance and Policy | Sustainability Assessment | Land Use Dynamics | Socio Ecological Systems | Science-Policy Interface | Interdisciplinary Research

CONTACT INFORMATION

Date and Place of Birth: 13th January 1993. Argentina.

Address: Rosdorfer Weg 19a, 37073, Göttingen, Germany.

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EDUCATION

Ph.D.: Agricultural and Forest Sciences 2025

National University of La Plata - Remote. Financed by CONICET Fellowship

Thesis: Land Use Dynamic and Evaluation of Future Scenarios in a Protected Area of Patagonia

Thesis Grade: 10/10

Forest Engineer 2018

National University of La Plata - La Plata, Argentina

Thesis: Sustainable Forest Management Assessment of Araucaria angustifolia Forests in Misiones

Thesis Grade: 10/10

WORK EXPERIENCE

Postdoctoral Researcher 2026 - 2026

Department of Forest Policy and Land Use Governance, University of Göttingen- Göttingen, Germany

Contributing to actors' analysis and transdisciplinary research on land use governance and protected areas conservation at the science-policy interface.

Teaching Assistant - Forest Policy and Legislation Course 2026 - 2026

Master Programme in Forest Management, National University of La Plata – Remote

Research Fellow 2019 - 2025

CONICET (National Scientific and Technical Research Council)

IRNAD (Research Institute in Natural Resources, Agroecology and Rural Development) - El Bolsón, Argentina.

Consultancy Team Member – Climate Change Adaptation Management Plan 2023 - 2023

UNDP- National University of La Plata – Pulmarí, Argentina

Tutor Assistant 2018 - 2018

Youth Science Foundation – Buenos Aires, Argentina

LEADERSHIP EXPERIENCE AND VOLUNTEER ROLES

Deputy Coordinator of IUFRO Task Force “Gender Equality in Forestry” 2025 - 2026

Coordinator of IUFRO Research Group “Integrated Mountain Forest Governance” 2025 - 2026

Associate Editor of Forest Policy and Economics. Publisher Elsevier 2024 - 2026

Co-lead and Co-founder of the Mountain Youth Hub (MYH) 2023 – 2026
supported by Mountain Partnership of **FAO (UN)**

PUBLICATIONS

Journal articles

- **Garcia, R. M., Amoroso M., Goya, J. & Burns S.L.** (2026). How land use scenarios shape sustainability? An indicator-based analysis to identify leverage points. *Journal: Ecological Indicators* 188, 115042 Link: <https://doi.org/10.1016/j.ecolind.2026.115042>
- **Garcia, R. M., & Rasmussen, M. B.** (2024). Settling environmental citizenship: The presentation of self in conservation encounters. *Journal: The Journal of Latin American and Caribbean Anthropology* 29(1), 17-26 Link: <https://doi.org/10.1111/jlca.12692>
- **Garcia, R. M., & Burns, S. L.** (2022). Bureaucratic politics in protected areas: The voided power projection efforts of conservation vis-a-vis forest bureaucracies in Patagonia, Argentina. *Journal: Forest Policy and Economics*, 134, 102630. Link: <https://doi.org/10.1016/j.forpol.2021.10263>
- **Garcia, R. M., Goya, J. & Burns, S. L.** (2020). Evaluation of the sustainability of forest management of *Araucaria angustifolia* in NE Misiones. *Revista Forestal Yvyrareta*, 28, 36-41. Link: http://www.yvyrareta.com.ar/images/descargas/N28/Articulo_Garcia%20R_2020.pdf

Book chapters

- **Garcia, R. M. & J. Goya.** (2024). The development of principles, criteria and indicators applied to sustainable forest management. Publisher: Universidad Nacional de La Plata. 28, 36-41. Link: <http://sedici.unlp.edu.ar/handle/10915/192341>

Under Review

- **Garcia, R. M., Juambelz L., Lopez, M. & Burns S.L.** (under review). When do institutions align for conservation? A comparative study of land use governance in two conservation-oriented social ecological systems in Argentina. Book chapter for “Institutional Jellying Framework” edited by Jude Kimengsi.
- **Garcia, R. M., Amoroso M., Goya, J. Bistolfi, N. & Burns S.L.** (under review). Sustainability assessment: Global-local indicators for forest management in protected areas. *Journal: Environmental and Sustainability Indicators*
- **Amoroso M., Arpigliani. D., Garcia, R. M., Gonzales.T, & Paez. M.** (under review). The Recent Wildfires in the Andean Region of Parallel 42: Past, Present, and Future in a Dynamic and Complex Territory *Journal: Ecología Austral*

PRESENTATIONS IN SCIENTIFIC EVENTS

Garcia, R.M., Burns, S, Amoroso, M. & J.F. Goya (2025). Pathways to Sustainability: Identifying Leverage Points for Forest Governance in a Protected Area from Patagonia. Event: IUFRO Webinar Women in Forest Science. Remote. March 2026. Link: <https://www.youtube.com/watch?v=t8CMuCVth1A>

Garcia, R.M., Burns, S.L., Amoroso, M., & J.F. Goya (2024). Land use dynamics and future scenario projection in a protected area of Northern Patagonia. Event: IV Jornadas Internacionales y VI nacionales de Ambiente. Viedma, Argentina. November 2024. Link: <https://jornadasdeambiente.unrn.edu.ar/>

Garcia, R.M., & P. Yapura (2024). The subnational government power influence in the management of forest protected areas in Patagonia. Event: IUFRO World Congress. Stockholm, Sweden. June 2024. Link: <https://iufro2024.com/book-of-abstracts/>

Garcia, R.M., Burns, S.L., Amoroso, M., & J.F. Goya (2024). The impact of alternative land use scenarios in the sustainability of protected mountain forests. Event: IUFRO World Congress. Stockholm, Sweden. June 2024. Link: <https://iufro2024.com/book-of-abstracts/>

Garcia, R.M., & S. L., Burns (2023). How alternative future land-use scenarios would affect the actors power in a protected area. Event: Presentación oral en “Assessing actors’ power and their interests for sustainable land-use development and governance in the Global South” Workshop. Tharandt, Germany. September 2023

Garcia, R.M., Burns, S.L., Amoroso, M., & J.F. Goya (2023). Proposal of indicators for sustainable forest management in a protected area of the Andean Region. Forest National and Latin American Congress. Mendoza, Argentina. March 2023. Link: <https://congresoforestal2023.org.ar/papers/>

Garcia, R. M., & S. L. Burns (2022). The role of women in forest bureaucracies: a gender perspective analysis from the representatives of conservation and production interests in Argentina. All-IUFRO Conference: Forests

in a Volatile World. Vienna, Austria. September 2022. Link:

<https://www.iufro.org/fileadmin/material/publications/proceedings-archive/alliufro-conference-2022-abstracts.pdf>

Garcia, R. M., & M. Rasmussen (2022). Settling environmental citizenship: the presentation of settlers in negotiations on a protected area. VI Patagonian Forestry Conference. Río Negro, Argentina. April, 2022. (https://sipan.inta.gob.ar/jornadasforestalespatagonicas/actas/libro_de_actas.pdf)

Garcia, R. M., Juambeltz, L.; López Beneitez, M. & S. L. Burns (2022). Identification of the causes of tourism development in a forest protected area in Patagonia. VI Patagonian Forestry Conference. Río Negro, Argentina. April, 2022. (https://sipan.inta.gob.ar/jornadasforestalespatagonicas/actas/libro_de_actas.pdf)

Garcia, R. M., Lopez Beneitez, M., Juambeltz, L. & S. L. Burns (2021). Identifying the causes of tourism conflicts in Forest Lands of Patagonia. Third International Forest Policy Meeting. Freiburg, Alemania. March 2021. Link: https://ifpm3.info/wp-content/uploads/2021/03/Garcia_Roco_Melina.pdf

Garcia, R. M., Burns, S. L. & J. Goya (2019). Evaluation of sustainability in the forest management of *A. angustifolia* in the NE of Misiones. XVIII Environmental and Technical Forestry Conference. Misiones, Argentina. October 2019. Link: <https://www.jotefa.com/actas#portada>

Garcia, R. M., Burns, S. L. & J. Goya (2018). Actors' power in defining SFM: implementation of criteria and indicators at the local level. Second International Forest Policy Meeting. Wageningen, Netherlands. April 2018. Link: https://www.wur.nl/upload_mm/6/0/2/8e5ab0f5-c8f3-430b-969a-f1dd3e6d7cd0_20180409_Programme_2IFPM_withAbstracts.pdf

Garcia, R. M., Mijailoff, J. & S. L. Burns (2017). The effects of the environment conflicts for the installation of pulp mills on the Uruguay River in the development of the industrial forest sector of Argentinian Mesopotamia. XXXI Forestry Conference of Entre Ríos. Entre Ríos, Argentina. October 2017. Link: http://www.jornadasforestales.com.ar/jornadas/2017/Garcia-et-al_Conflicto-ambiental-por-plantas-de-celulosa.pdf

PANELIST IN EVENTS

Panelist in the “Seventh Global Meeting of the Mountain Partnership of the United Nations” (2026) Andorra. Role: presenter at the panel “Youth at the Table: Advocacy, Education, Early Careers”

Panelist in webinar “ForGEDI anniversary” (2025) Event Online for ForGEDI Anniversary IUFRO. Remote. Role: Contributor of ForGEDI MOOC.

Panelist in side event “Youth at the Forefront: Leveraging Science and Social Inclusion for Sustainable Development” (2025) Event: ECOSOC Youth Forum. New York, USA. Role: Representative of the Mountain Youth Hub (MYH)

Panelist in side event “Elevating mountain youth voices for sustainable mountain” (2024) Event: ECOSOC Youth Forum. New York, USA. Role: Representative of the Mountain Youth Hub (MYH)

Panelist in side event “Mountain forests masterclass: Insights from the field” (2024) Event COFO 27, Rome. Role: Representative of the Mountain Youth Hub (MYH)

TEACHING EXPERIENCE

Co-supervisor of two undergraduate theses in Forest Engineering (2025). Both successfully graduated. National University of La Plata.

Graduate assistant in Planification and management of Natural Resources (2022-2024). National University of Río Negro. El Bolsón, Argentina.

Contributor of the MOOC Gender equality, diversity and inclusion in forestry related sectors (ForGEDI) (2023-2024) developed by University of Padova, Swedish University of Agricultural Sciences (SLU), Université de Moncton and the International Union of Forest Research Organizations (IUFRO).

Graduate assistant in Forestry and Sustainable Forest Management (2019- 2021). National University of Río Negro. El Bolsón, Argentina

Tutor assistant in Forest Management (2018-2019). National University of LaPlata. La Plata, Argentina.

SELECTED INTERNSHIPS

(2021) **Social drivers in land use change of a protected area in Patagonia.** Department of Food and Resource Economics (IFRO). Copenhagen, Denmark.

(2019) **Conflicts about the use of natural resources and the power of actors in reserve areas.** Chair of Forest and Nature Conservation Policy, University of Göttingen. Göttingen, Germany.

(2018) **The international and national policies, their influence in the Argentinian Forest Sector.** Research Laboratory of Ecological and Environment Systems, National University of La Plata. La Plata, Argentina.

(2013) **Knowing the Forest World in the experimental field of Traveling.** INTA traveling. Esquel, Argentina.

GRANTS AND AWARDS

Mountain Future Award FAO (2024). Winner as representative of the Mountain Youth Hub in the category of Youth. International Mountain Day, Rome, Italy.

Grant for attending international course on sustainable mountain development IPROMO, FAO (2023). Period: one month. Mountain Partnership FAO, University of Turin, University of Tuscia. Italy.

Grant for a Short Scientific Visit IUFRO-EFI (2020) Program: Young Scientists Initiative. Period: three months. Department of Food and Resource Economics (IFRO). Copenhagen, Denmark.

Grant for Internship on Research Activities UNLP (2018) Program: Student Participation in Research and Extension Projects. Period: four months. Place: Laboratorio de Investigación de Sistemas Ecológicos y Ambientales. UNLP. La Plata, Argentina.

COMMUNICATION

Global Landscape Forum Social Media Embassador (2024)

LANGUAGE

- **English** (2018) TOEFL iBT. ETS 89 /120. (2010) FCE. University of Cambridge. B (78/100)
- **German** (2022) A1 – Basic Knowledge
- **Spanish** Mother Tongue

SKILLS AND COMPETENCES

Stakeholder Mapping and Analysis; Qualitative Social Science Methods (interviews, surveys, content analysis); Sustainability Indicators; Land Use Scenario Development; Socio-Ecological Systems; GIS; R software; Quantitative Comparative Analysis

Signature: