

Marie Pratzer

✉ marie.pratzer@hu-berlin.de

🌐 <https://hu.berlin/marie-pratzer>

Education

-
- Since 2022** **Ph.D., Humboldt-University Berlin** Geography Institute
PhD project: *Land, people and conservation - Understanding complexity related to land use for effective and equitable conservation in tropical dry forests*
- Since 2022** **Graduate Program, IRI THESys** Transformations of Human-Environment Systems
- 2018 - 2021** **M.Sc., Humboldt-University Berlin** Global Change Geography,
Final grade: 1.3
M.Sc. thesis: *Understanding the relationship of agricultural intensification and deforestation in the world's tropical dry forests*, grade: 1.0, awarded by THESys award
- 2014 - 2018** **B.Sc., University of Munich (LMU)** Geography, minor: Political science
Final grade: 1.3
B.Sc. thesis: *Global analysis of potential global warming adaptation measures in wheat farming*, grade: 1.0
- 2017 - 2018** **Erasmus, University of Amsterdam** International Development Studies
- 2013** Abitur, Dante-Gymnasium Munich, grade: 1.1

Positions

-
- Since 2022** **Humboldt University Berlin Biogeography & Conservation**, ERC research project SystemShift, *Doctoral researcher*
- 2019 - 2021** **Humboldt University Berlin Biogeography & Conservation**, research project PARCS (Protected area effectiveness in the Caucasus during socioeconomic and political shocks), *Student assistant*
- 2018** **Vista GmbH - Remote Sensing and Modelling for Hydrology, Agriculture and Environment**, *Temporary Employee*
- 2016 - 2018** **cogito (Institute for Autonomy Research)**, research project prentimo (Preventative Organization of mobile work), *Student assistant*
- 2017** **University of Munich Physical Geography and Remote Sensing**, research project EnMAP (Environmental Mapping and Analysis Program), *Student assistant*
- 2015 - 2016** **University of Munich Human-Environment Relations**, research project INOLA (Innovative Land- and Energy Management), *Student assistant*
- 2014** Gender Equality Office city of Munich, *Intern*

Peer-reviewed publications

[\[Google Scholar\]](#) [\[ORCID\]](#)

Peer-reviewed articles

Pratzer, M., Maillard, O., Baldi, G., Baumann, M., Burton, J., Fernandez, P., Levers, C., Meyfroidt, P., Tasquer, M., Vallejos, M. & Kuemmerle, T. (2025). Considering land-use complexity and overlap is critical for sustainability planning, *One Earth*, p. 101247.

Ghoddousi, A., **Pratzer, M.**, Lewinska, K.E., Eggers, J., Bleyhl, B., Ambarli, H., Arakelyan, M., Askerov, E., Butsic, V., Ghazaryan, A., Lortkipanidze, B., Radeloff, V.C., Kuemmerle, T. (2024). Effectiveness of protected areas in the Caucasus Mountains in preventing rangeland degradation, *Conservation Biology*, n/a(n/a), p. e14415.

Pratzer, M., Meyfroidt, P., Antongionvani, M., Aragon, R., Baldi, G., Czaplicki Cabezas, S., de la Vega-Leinert, C., Dhyani, S., Diepart, J.-C., Fernandez, P., Garnett, S.T., ... & Kuemmerle, T. (2024). An actor-centered, scalable land system typology for addressing biodiversity loss in the world's tropical dry woodlands. *Global Environmental Change*, 86, p. 102849.

Jänicke, C., Wesemeyer, M., Chiarella, C., Lakes, T., Levers, C., Meyfroidt, P., Müller, D., **Pratzer, M.** & Rufin, P. (2024). Can we estimate farm size from field size? An empirical investigation of the field size to farm size relationship. *Agricultural Systems*, 220, p. 104088.

Pratzer, M., Fernández-Llamazares, Á., Meyfroidt, P., Krueger, T., Baumann, M., Garnett, S. T., & Kuemmerle, T. (2023). Agricultural intensification, Indigenous stewardship and land sparing in tropical dry forests. *Nature Sustainability*, 1–12.

Qin, S., **Pratzer, M.**, Meyfroidt, P., & Kuemmerle, T. (2023). Changing Determinants of International Conservation Funding Committed to Major Deforestation Regions in South America. *Biological Conservation* 288: 110362.

De Marzo, T., **Pratzer, M.**, Baumann, M., Gasparri, N. I., Pötzschner, F., & Kuemmerle, T. (2023). Linking disturbance history to current forest structure to assess the impact of disturbances in tropical dry forests. *Forest Ecology and Management*, 539, 120989.

Pratzer, M., Nill, L., Kuemmerle, T., Zurell, D., & Fandos, G. (2022). Large carnivore range expansion in Iberia in relation to different scenarios of permeability of human-dominated landscapes. *Diversity and Distributions*, ddi.13645.

In review

Kuemmerle, T., Baumann, M., Czaplicki, S., Maillard, O., Mueller, R., Pacheco, P., Pynegar, E., Romero-Muñoz, A., Antelo, R., Arroyo Padilla, L., Bartsch, J., de la Vega-Leinert, A.C., Díaz-Reviriego, I., Embert, D., Jansen, M., Mollinedo Veneros, E., Pozo, P., **Pratzer, M.**, Quintanilla, M., Reichle, S., Siles-Lazzo, T.M., & Vides Almonacid, R. (n.d.). Halting the perfect deforestation storm in the Bolivian Chiquitano Forest (*in review*).

Kalam, T., Pratzer, M., Suryawanshi, K., Liu, X., & Kuemmerle, T. (n.d.). Socio-ecological determinants of contemporary megafauna distributions in Indian tropical dry woodlands (*in review*).

Tomba, A., N., Kuemmerle, T., Sangermano, F., Huais, P.Y., Landi, M., Cordier, M., **Pratzer, M.**, Tamburini, D., Giraudo, A., Fajardo, J., Baldi, G. & Nori, J. (n.d.). Economic Priorities Shape Protected Area Placement: The Role of Land Competition in Argentina (*in review*).

Buchadas, A., Kuemmerle, T., Baumann, M., Lu, J., Kronenburg García, A., Mastrángelo, M., Le Polain de Waroux, Y., **Pratzer, M.**, Scheidel, A. & Meyfroidt, P. (n.d.). Unpacking the role of failed land investment projects in driving tropical deforestation (*in review*). <http://dx.doi.org/10.2139/ssrn.4771369>

Awards and Honors

2024	Best PhD poster award at Global Land Programme's 5th Open Science Meeting in Oaxaca, Mexico
2021	THESys award for outstanding thesis in the field of human-environmental research
2019 - 2021	Scholarship award by German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes)
2019 - 2020	Scholarship award by Humboldt foundation „Sustainability and global justice“
2018	Award of belonging to the top 10% of graduates University of Munich
2013	Award for outstanding achievements in the physics Abitur examination by the German Physical Society
2013	Promotional award for contribution to the exhibition “Munich 2050” by Bürgerstiftung München

Grants

2025	THESys Travel Grant (900€)
2024	THESys Travel Grant (2,000€)
2023	Women support scholarship (350€)
2023	THESys Travel Grant (500€)

Selected Presentations

2025	Data Justice in Earth Observation and Conservation, <i>Humboldt University Berlin</i> (workshop)
------	--

- Understanding land systems amid conservation imperatives and land use competition. *UC Louvain* (invited talk)
- 2024** Reconciling top-down global conservation targets with regional action. *GLP Open Science Meeting, Oaxaca* (presentation)
- Mapping overlapping land uses. *GLP Open Science Meeting, Oaxaca* (poster)
- Mapping the overlooked. *Data Justice Symposium, Barcelona* (presentation)
- 2023** Land-use archetypes for conservation. *Archetypes conference 2023, Lund* (presentation)
- 2023** The political ecology of environmental models: Examining epistemic power in land system representations, *University of Bergen, Political Ecology Workshop* (presentation)
- 2022** Agricultural intensification, land sparing and Indigenous land stewardship. *ECCB 2022, Prague* (poster)

Working groups

- 2025** NASA – The PAN tropical investigation of bioGeochemistry and Ecological Adaptation (PANGAEA): Scoping a NASA-Sponsored Field Campaign [Contributor to Social-Ecological Systems Working Group]

Teaching & Supervision

- Guest lectures** Humboldt University Berlin: *Global land use dynamics* (2023)
- Humboldt University Berlin: *Conservation in the Anthropocene* (2022, 2024, 2025)
- Supervision** M.Sc. thesis of Niklas Brachmann, *Social-ecological similarity in tropical dry forests* (2024)

Press coverage and science communication

Interview for newspaper article, *Mediapart - Éclats de sciences*: Les peuples autochtones, gardiens inégaux des forêts tropicales, 9 March 2024.

Report article, *Kritischer Agrarbericht*: Effizienzsteigerungen in der Landwirtschaft schützen Wälder nicht – indigene Völker schon, 2024.

Interview for newspaper article, *taz*: Bewirtschaften, aber schützen, 4 May 2023.

Interview for science magazine, *Science Notes Magazin*: Saftige Profite aus trockenen Wäldern, 2023, Nr. 11.

Civic engagement

- Since 2021** **Community organizing** for *political housing initiative* ("Deutsche Wohnen & Co enteignen"), Berlin
- 2019 - 2020** **Environmental/political education work** at *environmental NGO* ("BUNDJugend"), Berlin
- 2015 - 2018** **Elected representative** of the *student body* at the Faculty of Geosciences, University of Munich
- 2017 - 2018** **Buildup** of *Initiative of community supported agriculture* ("Fresh Bag"), Amsterdam
- 2013 - 2017** **Learning partnership** at a *School for refugee minors* ("SchlaU-Schule"), Munich