

| NEREA TURREIRA GARCÍA

Member of ENT since October 2026

Senior Consultant in EU Project Coordination, Policy Analysis and Participatory Processes



| EDUCATION

- _2018. PhD in Environmental Management. University of Copenhagen (UCPH)
- _2013. MSc in Forest and Nature Management. University of Copenhagen (UCPH)
- _2010. BSc in Environmental Sciences. University of the Basque Country (EHU)



| PREVIOUS EXPERIENCE

- _2022 – 2026. Assistant Professor in Socio-Ecology. University of Copenhagen (UCPH), Department of Food and Resource Economics, Section for Global Development. Denmark (4 years).
- _2026 – Present. Co-Leader of the Traditional Knowledge and Rural Resilience Working Group, COST Action (CA24170).
- _2025 – Present. Founder and Director of Mahari, a consultancy specialising in socio-ecology and participatory processes.
- _2025. Consultant at the International Union for Conservation of Nature (IUCN). United Kingdom/Tanzania (3 months).
- _2021 – 2022. Postdoctoral Researcher in Ethnobotany. University of Copenhagen (UCPH). Denmark (12 months).
- _2020 – Present. Board Member of Hearth, an independent not-for-profit research organisation.
- _2019 – 2021. Postdoctoral Researcher in Agricultural Systems. University of Copenhagen (UCPH). Denmark (24 months).
- _2019 – 2020. Visiting Researcher. CATIE (Tropical Agricultural Research and Higher Education Center). Costa Rica (6 months).
- _2014 – 2018. Predoctoral Researcher. University of Copenhagen (UCPH). Denmark. Obtained PhD degree (3.5 years).
- _2011 – 2013. Research Assistant. University of Copenhagen (UCPH). Denmark. Part-time position (18 months).
- _2011. Research Assistant. NIOO-KNAW, Wageningen. The Netherlands (6 months).
- _2010. Environmental Technician. Natural Resources Consultancy. Spain (2 months).



| MAIN AREAS OF EXPERTISE

- _Socio-ecology, ethnobiology and local and traditional knowledge systems
- _Sustainable forest management, natural resources and agroforestry systems

- _ Environmental governance and community-based natural resource management
- _ Sustainable rural development and territorial resilience
- _ Climate change adaptation and nature-based solutions
- _ Participatory research, knowledge co-creation and citizen science



MAIN PROJECTS

- _ HORIZON-CL6-2023-GOVERNANCE-01-12 / more4nature: Empowering citizens in collaborative environmental compliance assurance through monitoring, reporting and action. Horizon Europe. PI: Uta Wehn (IHE Delft). 01/01/2024 – 31/12/2027. €7,650,021.25. Role: Researcher. Policy analysis, stakeholder engagement facilitation and preparation of project deliverables.
- _ DFC/23-06-KU/APCCO: The Agroforestry Paradox: Climate Clever Coffee. DANIDA. PI: Aske Bosselmann (UCPH). 01/10/2023 – 01/10/2027. €1,340,950. Role: Work Package Leader. Coordination of an inter-institutional team composed of the University of Copenhagen (UCPH), Makerere University (Uganda) and the National Coffee Research Institute (NaCORI). Supervision of a double-degree PhD student and MSc students. Co-author of the proposal, project design and management of budget and deliverables. Topic: farmers' knowledge and adoption of agroforestry systems and climate change adaptation.
- _ H2020-EU.3.2-SOCIETAL CHALLENGES-01-01 / BREEDCAFS: BREEDing Coffee for AgroForestry Systems. Horizon 2020. PI: Benoît Bertrand (CIRAD). 01/06/2017 – 30/09/2021. €6,368,786.25. Role: Postdoctoral Researcher, selected through a competitive call. Research design, coordination of the data collection team, data analysis and preparation of deliverables. Topic: farmers' perceptions and management of plant varieties, socio-economic studies and climate change adaptation.
- _ Innovation Fund Denmark / Grand Solutions / 9067-00030B: SHEAINE. PI: Tore Kiilerich Ravn (AAK). 01/10/2019 – 01/10/2023. €3,427,584. Role: Postdoctoral Researcher, selected through a competitive call. Designed research methodology, led two first-author publications and contributed to several co-authored publications.
- _ Erasmus+ KA107-2020 / Higher Education Student and Staff Mobility. Inter-institutional agreement between the University of Copenhagen (Denmark) and CATIE (Costa Rica). European Commission. PI: Nerea Turreira-García (UCPH). €6,036. Role: Coordination of staff and student exchanges between both institutions during 2020 and 2023. Mobility beneficiary: Mattias Borg Rasmussen (UCPH).
- _ NCF-C7-047 / WeFoCos: Improved Business through Seasonal Forecasting for Coffee in Vietnam. Nordic Climate Facility. PI: Aske Bosselmann (UCPH). 01/03/2019 – 31/03/2021. €415,000. Role: Researcher. Co-author of the proposal, methodological design, data analysis and development of a shade-tree advisory module for a digital application.



MAIN PUBLICATIONS

- _ Turreira Garcia, N., Zambianchi, V., Gallois, S., and Buchadas, A., Batikas, G., & Martins Pacheco, R. (2026) Protocol for a Systematic Review of Methodologies Used to Study Traditional Knowledge Relevant to Rural Socio-Ecological Resilience. SSRN <http://dx.doi.org/10.2139/ssrn.7539847>

- Maitre-Ekern, E., Karasik, R., Barkved, L., Enge, C., Platjouw, F., Pfeiffer, E., Turreira Garcia, N., Danielsen, F., Burgess, N.D., Tawil P., & Wehn, U. (2026) Final report on policy obstacles and opportunities for the integration and uptake of citizen generated data and citizen & community-led actions in environmental compliance assurance. more4nature. Submitted to the European Union's Horizon Europe research and innovation programme
- Turreira-García, N. West African Shea Processors in a Changing Global Market: Effects of Market Integration on Traditional Knowledge Resilience. *Econ Bot* 79, 287–309 (2025). <https://doi.org/10.1007/s12231-025-09646-0>
- Turreira-García, N., Nielsen, N.J., Pattison, D.I. et al. Fermenting shea nuts using the traditional pit method yields better physicochemical properties with potential environmental benefits. *Sci Rep* 15, 9502 (2025). <https://doi.org/10.1038/s41598-025-93921-6>
- Nguyen K.T., Craparo A., Nguyen P.M., Turreira-García N., Talsma T., Deniau A., Bossolasco L., Le T.D. and Bosselmann A.S., 2023. ThIRST: Targeted IRrigation Support Tool for sustainable coffee production. *Frontiers in Sustainable Food Systems* 7:1267388. <http://doi.org/10.3389/fsufs.2023.1267388>
- Kahsay, G.A., Turreira-García, N., Ortiz-Gonzalo, D., Georget, F., Bosselmann, A.S. 2023. New coffee varieties as a climate adaptation strategy: Empirical evidence from Costa Rica, *World Development Sustainability* 2 (100046) <https://doi.org/10.1016/j.wds.2023.100046>
- Kahsay, G.A., Turreira-García, N., Bosselmann, A.S. 2022. Mobile Internet Use and Climate Adaptation: empirical evidence from Vietnamese coffee farmers. *Journal of Agricultural and Resource Economics*, 48 (3), pp. 429–447 <https://doi.org/10.22004/ag.econ.322849>
- Benyei, P, Skarlatidou, A, Argyriou, D, Hall, R, Theilade, I, Turreira García, N, Latreche, D, Albert, A, Berger, D, Cartró-Sabaté, M, Chang, J, Chiaravalloti, R, Cortesi, A, Danielsen, F, Haklay, M, Jacobi, E, Nigussie, A, Reyes-García, V, et al. 2023. Challenges, Strategies, and Impacts of Doing Citizen Science with Marginalised and Indigenous Communities: Reflections from Project Coordinators. *Citizen Science: Theory and Practice*, 8(1): 21, pp. 1–15. <https://doi.org/10.5334/cstp.514>
- Turreira-García, N. 2022. Farmers' perceptions and adoption of *Coffea arabica* F1 hybrids in Central America. *World Development Sustainability* 1 (100007) <https://doi.org/10.1016/j.wds.2022.100007>
- Koutouleas, A., Sarzynski, T., Bertrand, B., Turreira-García, N. et al. 2022. Shade effects on yield across different *Coffea arabica* cultivars — how much is too much? A meta-analysis. *Agronomy for Sustainable Development* 42, 55. <https://doi.org/10.1007/s13593-022-00788-2>
- Koutouleas A, Sarzynski T, Bordeaux M, Bosselmann AS, Campa C, Etienne H, Turreira-García N, Rigal C, Vaast P, Ramalho JC, Marraccini P and Ræbild A. 2022. Shaded-coffee: a nature-based strategy for coffee production under climate change? A review. *Frontiers in Sustainable Food Systems* 6(877476) <https://doi.org/10.3389/fsufs.2022.877476>
- Turreira-García, N., Brofeldt, S., Meilby, H., Nielsen, M.R., Girmansyah, D., Xuyen, D.T., Nguyen, L., Siregar, I.Z., & Theilade, I. 2020. Examining the consistency of folk identifications of trees to implement community-based biodiversity monitoring. *Human Ecology*. 48, pp. 173–187 <https://doi.org/10.1007/s10745-020-00142-8>

- Marie, L., Abdallah, C., Campa, C., Courtel, P., Bordeaux, M., Navarini, L., Lonzarich, V., Bosselmann, A.S., Turreira-García, N., Aplizar, E., Georget, F., Breitler, J-C., Etienne, H., Bertrand, B. 2020. G 3 E interactions on yield and quality in *Coffea arabica*: new F1 hybrids outperform American cultivars. *Euphytica*, 216:78, pp. 1-17 [https://doi.org/10.1007/s10681-020-02608-8\(0123456789\(\).-volV\(\) 0123458697\(\).-volV\)](https://doi.org/10.1007/s10681-020-02608-8(0123456789().-volV() 0123458697().-volV))
- Brofeldt, S., Argyriou, D., Turreira-García, N., Meilby, H., Danielsen, F., and Theilade, I. 2018. Community-based monitoring of tropical forests crimes and forest resources using Information and Communication Technology – experiences from Prey Lang, Cambodia. *Citizen Science: Theory and Practice*, 3(2): 4, pp. 1-14 <https://doi.org/10.5334/cstp.129>
- Turreira-García, N., Meilby, H., Brofeldt, S., Argyriou, D., & Theilade, I. 2018. Who wants to save the forest? Characterising community-led monitoring in Prey Lang, Cambodia. *Environmental Management* 61(6) <https://doi.org/10.1007/s00267-018-1039-0>
- Turreira-García, N., Lund, J. F., Dominguez, P., Carrillo-Anglés, E., Brummer, M., Dunn, P., & Reyes-García, V. 2018. What's in a name? Unpacking 'participatory' environmental monitoring. *Ecology and Society* 23(2) <https://www.ecologyandsociety.org/vol23/iss2/art24/>
- Hüls Dyrmoose, A.M., Turreira-García, N., Theilade, I., & Meilby H. 2017. Economic importance of oleoresin (*Dipterocarpus alatus*) to forest-adjacent households in Cambodia. *The Natural History Bulletin of the Siam Society* 62 (1): 67-84 http://www.siamese-heritage.org/nhbsspdf/vol061-070/NHBSS_062_1j_Dyrmoose.pdf
- Turreira-García, N., Vilkamaa, A. M., Byg, A., & Theilade, I. 2017. Diversity, Knowledge, and use of leafy vegetables in Northern Thailand—maintenance and transmission of ethnobotanical knowledge during urbanisation. *The Natural History Bulletin of the Siam Society* 62(1): 85-105 http://www.siamese-heritage.org/nhbsspdf/vol061-070/NHBSS_062_1k_TurreiraGarcia.pdf
- Turreira-García, N., Argyriou, D., Phourin, C., & Theilade, I. 2017. Ethnobotanical knowledge of the Kuy and Khmer people in Prey Lang, Cambodia. *Cambodian Journal of Natural History* (1) 76-101 https://www.researchgate.net/publication/318420425_Ethnobotanical_knowledge_of_the_Kuy_and_Khmer_people_in_Prey_Lang_Cambodia
- Grape, V. H., Turreira-García, N., Holger-Schmidt, L., Chhang, P., & Srisanga, P. 2016. Postpartum phytomedicine and its future in maternal healthcare in Prey Lang, Cambodia. *Cambodian Journal of Natural History*, 2, 119-133. https://www.researchgate.net/publication/311739852_Postpartum_phytomedicine_and_its_future_in_maternal_healthcare_in_Prey_Lang_Cambodia
- Turreira-García, N., Theilade, I., Meilby, H., & Sørensen, M. 2015. Wild edible plant knowledge, distribution and transmission: a case study of the Achí Mayans of Guatemala. *Journal of Ethnobiology and Ethnomedicine* 11(1):52 <https://ethnobiomed.biomedcentral.com/articles/10.1186/s13002-015-0024-4>

Books

- Turreira-García, N. & Argyriou, D. 2023. Gifts from nature: ethnobotanical knowledge of Kuy and Khmer people in Prey Lang forest. pp. 332. ISBN: 9789924986805
- Turreira García, N. 2022. Diversity in the classroom: Addressing diverse learning and creating inclusive spaces for interdisciplinary interaction In *Improving University Science*

Teaching and Learning – Pedagogical Projects 2022, vol. 17. Axel A. Andersen Arias and Frederik V. Christiansen (Eds.) Department of Science and Education, University of Copenhagen, Denmark. ISSN: 1904-2000. Chapter 16. pp. 201-211

— Theilade, I., Brofeldt, S., Turreira-García, N., & Argyriou, D. 2021. Community Monitoring of Illegal Logging and Forest Resources Using Smartphones and The Prey Lang Application in Cambodia In Geographical Citizen Science Design: No One Left Behind. Skarlatidou, A., and M. Haklay (Eds.).

— Benyei, P., Turreira-García, N., Orta-Martínez, M., & Cartró-Sabaté, M. 2016. Globalized Conflicts, Globalized Responses. Changing Manners of Contestation Among Indigenous Communities In Hunter-gatherers in a Changing World. Reyes-García, V., and A. Pyhälä (Eds.). Springer International Publishing. pp 233-250



MAIN TEACHING ACTIVITIES AND CONFERENCE PRESENTATIONS

— 2026 — Bridging Cambodia's Citizen Science Community: How the more4nature process helped connect organisations collecting community-generated data. Poster presentation at SciVil: Citizen Science Networking Day. 28 September 2026, Brussels (Belgium).

— 2026 — Safeguarding Pastoral Futures: Ethnobiology and Political Ecology in the Basque Contested Commons. Oral presentation at POLLEN 2026 (Political Ecology Network). 2 July 2026, Barcelona (Spain).

— 2025 — GROMADA25: Environmental Citizen Science in Conflict Zones for Accountability and Empowerment. Conference organiser. 24 October 2025, Copenhagen (Denmark).

— 2024 — Effects of Market Integration of Female Shea Nut Processors in a Changing Global Value Chain. Oral presentation at the XX International Botanical Congress. 21–27 July 2024, Madrid (Spain).

— 2024 — Effects of Market Integration of Female Shea Nut Processors in a Changing Global Value Chain. Oral presentation at the 18th Congress of the International Society of Ethnobiology. 15–19 May 2024, Marrakech (Morocco).

— 2024 — The Wisdom of Plants in the Cambodian Rainforest. Invited lecture. 21 February 2024, Vitoria-Gasteiz (Spain).

— 2024 — Planning Interdisciplinary Research. Teaching collaborator in a Master's level course taught in English. 124 hours (24 teaching hours and 100 preparation hours). Lectures and group work for 24 students.

— 2021 — Practising Interdisciplinarity. Teaching collaborator in a Master's level course taught in English. 124 hours (24 teaching hours and 100 preparation hours). Lectures and practical exercises for 35 students.

— 2012–2021 — Training courses for field staff and survey enumerators. Lead trainer. 100 hours of specialised training delivered in English and Spanish to undergraduate and postgraduate students and technical staff. Six editions.

— 2021 — Enhancing the Adoption Worldwide of Arabica Hybrids through Implementation of On-Farm Trials, Transfer of Propagation Techniques and Stakeholder Dialogue Platforms. Oral presentation (delivered by a project partner) at the 28th Conference of the Association for Science and Information on Coffee (ASIC), Montpellier (France).

— 2021 — Citizen Science in Fragile Contexts and with Indigenous Communities. Oral presentation at the European Citizen Science Association (ECSA) Conference. 16 May 2021, online.

- 2017 — The Production and Use of Citizen Science and Academic Knowledge in Political Grassroots Movements: Perspectives from Civil Society and Academia. Oral presentation at the International Conference of the Centre for Space, Place and Society, Wageningen University (The Netherlands). Presentation title: Characterising Community-Led Environmental Monitoring in Prey Lang, Cambodia.
- 2017 — Ethnobotanical Knowledge of the Kuy and Khmer People in Prey Lang, Cambodia. Poster presentation at the 58th Society for Economic Botany Annual Meeting: Living in a Global World: Ethnobotany, Local Knowledge and Sustainability. Bragança (Portugal).
- 2017 — National Learning Workshop on the Role of Participatory Approaches in National Forest Monitoring and Meeting REDD+ Safeguards Requirements in Vietnam. Hanoi (Vietnam).
- 2016-2017 — Workshops on Biodiversity Scientific Monitoring. Lead trainer. 50 hours of practical training delivered in English and Vietnamese to 18 participants from Indigenous communities. Two editions.
- 2016 — Biocultural Diversity. Teaching collaborator and practicum coordinator in a Master's level course taught in English and Spanish. 150 hours of theoretical and practical teaching for 12 students.
- 2015 and 2017 — Applied Ethnobotany. Guest lecturer and teaching collaborator in a Master's level course taught in English. 18 hours of teaching for 12 students. Two editions.
- 2015-2016 — Forest Conservation Workshops. Lead trainer. 16 hours of theoretical training delivered in English and Khmer to 40 participants from Indigenous communities. Two editions.
- 2015 — Who Wants to Save the Forest? Characterising Community-Led Environmental Monitoring in Prey Lang, Cambodia. Oral presentation at the Society for Tropical Ecology (gtö) Conference: Resilience of Tropical Ecosystems: Future Challenges and Opportunities. Zurich (Switzerland).
- 2015 — Tropical Botany. Guest lecturer and teaching collaborator in a Master's level course taught in English. 8 hours of teaching for 6 students.
- 2014 — Integrating Local Ecological Knowledge in Community Forest Monitoring: Case Studies from Southeast Asia. Oral presentation at the REDD+ Seminar, University of Copenhagen (Denmark).
- 2014 — Wild Edible Plant Knowledge, Distribution and Transmission: A Case Study of the Achí Mayans of Guatemala. Poster presentation at the ICREA International Conference on Small-Scale Societies and Environmental Transformations: Co-evolutionary Dynamics (S3ET), Universitat Pompeu Fabra, Barcelona (Spain).
- 2014 — 14th International Society of Ethnobiology Congress: Regenerating Biocultural Ecosystem Resilience and Traditional Knowledge. Bhutan.
- 2013 — Rural Livelihoods and Natural Resource Governance. Guest lecturer and teaching collaborator in a Master's level course taught in English. 8 hours of teaching for 18 students.

A^a | LANGUAGES

- English C1
- Basque C2
- Italian
- Spanish