

RAFAEL LEMBI

Transdisciplinary sustainability scholar & Critical systems thinker

Department of Community Sustainability, Michigan State University

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EDUCATION

ABD	PhD	Michigan State University, USA , Community Sustainability Specialization in Gender, Justice and Environmental Change Graduate Certificate in Community Engagement Graduate Certificate in College Teaching Dissertation: “The process of transformation: exploring justice, resilience and co-production dimensions of energy transitions in the Brazilian Amazon”
2021	MSc	University of Campinas, Brazil , Ecology
2019	Teaching degree	University of Campinas, Brazil , Biological Sciences
2018	BSc	University of Campinas, Brazil , Biological Sciences
2012	Technical degree	Federal Center for Technological Education of Minas Gerais, Brazil Environmental Management

RESEARCH AREAS

Transdisciplinary research; Knowledge co-production; Community engagement; Participatory action research; Environmental justice; Energy transitions; Energy Justice; Energy Sovereignty; Decolonizing energy transitions; Off-grid energy; Futures-thinking; Visioning; Participatory scenario planning; Systems thinking; Social-ecological systems; Social-ecological resilience; Social-ecological transformations; Ecosystem services; Nature’s contributions to people; Energy systems; Food systems; Protected areas; Peri-urban areas; Brazilian Amazon; Lower Tapajós River; Flint, Michigan; Campinas, Brazil

PEER-REVIEWED PUBLICATIONS

**Indicates community partner co-author*

- 2025** **Lembi, Rafael**, Maria Claudia Lopez, Karina Ninni Ramos, Igor Cavallini Johansen, Lázaro João Santana da Silva, Manoel Roberval Pimentel Santos, Gabriel Yúri Campos Lacerda, Gisele Souza Neuls, and Emilio Moran. 2025. “Towards Energy Justice and Energy Sovereignty: Participatory Co-Design of off-Grid Systems in the Brazilian Amazon.” *Energy Research & Social Science* 119 (January): 103858. <https://doi.org/10.1016/j.erss.2024.103858>.

- 2025** De Vos, Alta, A. Quinlan, R. Biggs, E. Bennett, B. Martín-López, A. V. Norström, G. D. Peterson, M. Schoon, C. R. Allen, E. Andersson, J. Baird, M. Berbés-Blázquez, F. Berkes, R. Calderon-Contreras, S. R. Carpenter, A. J. Castro, G. S. Cumming, M. Falardeau, W. L. Fick, C. Folke, E. I. N. E. Galang, S. Gelcich, L. J. Gordon, N. B. Grimm, J. Hamilton, J. Hobdod, C. I. Speranza, L. Koch, A. Kosanic, **Rafael Lembi**, et al. 2025. “Welcome Home! Introducing SocSES: A Society for Inclusive and Impactful Social-Ecological Research.” *Ecology and Society* 30 (2): art32. <https://doi.org/10.5751/ES-16164-300232>.
- 2025** Borja, Danilo, J. Daněk, J. C. Assis, A. Gorosábel, C. Lundquist, I. Rosa, F. Rubio Scarano, N. T. Amazonas, S. C. Principe, R. Alkemade, A. Arshad, S. Benavides-Gordillo, **Rafael Cavalcanti Lembi**, et al. 2025. “Rethinking Scenario Building for Sustainable Futures: Mobilizing Conscientização, Social Learning and Knowledge Co-Production.” *Ecosystems and People* 21 (1): 2507247. <https://doi.org/10.1080/26395916.2025.2507247>.
- 2024** **Lembi, Rafael**, Alice Ramos De Moraes, and Cristiana Simão Seixas. 2024. “Assessing Nature’s Contributions to People in a Peri-Urban Protected Area, Southeast Brazil: Integrating Feedback Loops and Participatory Scenario Planning.” *Ecosystems and People* 20 (1): 2377636. <https://doi.org/10.1080/26395916.2024.2377636>.
- 2024** **Lembi, Rafael**, Chelsea Wentworth, and Jennifer Hobdod. 2024. “Recipe for a Scenario: Moving from Vision to Actionable Pathways towards Sustainable Futures.” *Progress in Environmental Geography* 3 (2): 89–114. <https://doi.org/10.1177/27539687241253616>.
- 2024** Wentworth, Chelsea, Mariana Torres Arroyo, **Rafael Cavalcanti Lembi**, et al. 2024. “Navigating Community Engagement in Participatory Modeling of Food Systems.” *Environmental Science & Policy* 152 (February): 103645. <https://doi.org/10.1016/j.envsci.2023.103645>.
- 2024** **Lembi, Rafael**, Vinicius Oliveira da Silva, et al. “Energy & Communities Network: an alliance for full access to energy in the Brazilian Amazon.” In *Let Communities Lead: Community Knowledge for Local Energy Transitions*, edited by S. Biswas, et al., p. 57 – 75. Center for Energy and Society, Arizona State University, 2024. <https://letcommunitieslead.wordpress.com/2024-report/>
- 2023** **Lembi, Rafael Cavalcanti**, Vivian Battani, et al. “Inclusão, acesso e permanência de estudantes indígenas na universidade: reflexões sobre potenciais aprimoramentos para a Universidade do Estado do Amazonas.” In *Diálogos Amazônicos: Contribuições para o Debate Sobre Sustentabilidade e Inclusão*, edited by C. Joly, et al., p. 139 – 167. RiMA Editora, 2023. <https://doi.org/10.55333/rima-978-65-84811-39-3>. (Also available in English and Spanish.)
- 2022** Moran, Emilio F., Maria Claudia Lopez, Rachel Mourão, Erik Brown, Aaron M. McCright, Judith Walgren, Ana Paula Bortoleto, Adam Mayer, Igor Cavallini Johansen, Karina Ninni Ramos, Laura Castro-Diaz, Maria Alejandra Garcia, **Rafael Cavalcanti Lembi**, and Norbert Mueller. 2022. “Advancing

Convergence Research: Renewable Energy Solutions for off-Grid Communities.” *Proceedings of the National Academy of Sciences (PNAS)* 119 (49): 1–12. <https://doi.org/10.1073/pnas.2207754119>.

2022 Lembi, Rafael Cavalcanti, Leandra Regina Gonçalves, and Cristiana Simão Seixas. 2022. “Panorama Dos Projetos de Turismo Em Unidades de Conservação Na Mata Atlântica.” 15 (1): 45–63. <https://doi.org/10.34024/rbecotur.2022.v15.11815>.

2020 Lembi, Rafael Cavalcanti, Cecilia Cronemberger, Caroline Picharillo, Sheina Koffler, Pedro H. Albuquerque Sena, Jéssica Francine Felappi, Alice Ramos de Moraes, Adnan Arshad, Jessie Pereira dos Santos, and Andressa Vianna Mansur. 2020. “Urban Expansion in the Atlantic Forest: Applying the Nature Futures Framework to Develop a Conceptual Model and Future Scenarios.” *Biota Neotropica* 20 (suppl 1): 1–13. <https://doi.org/10.1590/1676-0611-bn-2019-0904>.

Publications under peer review

Wentworth, Chelsea, **Rafael Lembi**, Amarachi Wachuku, Miles McNall, Jennifer Hodbod, Kelly McClelland, Samantha Farah, Lottie Ferguson, Robert E. Brown, Damon Ross. “Sustaining Scenarios: Researcher-practitioner reflections on extending research beyond project boundaries.” Under review in *Sustainability Science*.

Graucob, Clara, Katia Pilar Carranza Bernal, Jennifer Hodbod, **Rafael Lembi**, Emma Spett, Emily Sutherland-Rowen, Allyson Quinlan, Jonathan Vivas. “Assessing Assessments: How resilience assessment tools map onto the 7 Principles of Resilience.” *R&R in Ecology and Society*.

Khuriyeh, Victor Campos, Laura Barbon de Abreu, Lívia Ribeiro Cruz, **Rafael Lembi**. “Desafios para a pesquisa transdisciplinar durante a pós-graduação: reflexões de mestrandos(as) e doutorando(as) brasileiros(as).” Minor reviews for publication in book “Investigación transdisciplinaria en sistemas socioecológicos: transformaciones desde la raíz.”

PUBLIC SCHOLARSHIP

2025 Silva, Rael, Rafael Lembi. YouTube Video: “Solar Energy Autonomy in Brazilian Amazonian Communities.” https://www.youtube.com/watch?v=CtWs9ubw-wA&ab_channel=MSUCLACS

2024 Lembi, Rafael, Anna Mayer. 2024. Blog post for PECS3 Conference: “From Theory to Practice: Exploring Transformative Change in Latin America with LAPECS.” <https://pecs-science.org/from-theory-to-practice-exploring-transformative-change-in-latin-america-with-lapecs/>

2024 Sides, Madeline, Rafael Lembi. 2024. Blog post for PECS3 Conference: “Early Career Researchers Use Multiple Approaches Collaboratively to Strengthen Resilience in Practice.” <https://pecs-science.org/early-career-researchers->

[use-multiple-approaches-collaboratively-to-strengthen-resilience-in-practice/](#).

- 2024** Pashanejad, Ehsan, Keziah Mayer, **Rafael Lembi**. 2024. Lesson plan for SES Methods website: “Prioritizing nature values based on a typology of intrinsic, instrumental and relational values: insights from the combination of photovoice and simplified multi-objective prioritisation.” <https://sesmethods.org/teaching/>.
- 2024** Vicentini, Juliana, Carolina Albuquerque, **Rafael Lembi**. 2024. Media article: “Inclusão, acesso e permanência de estudantes indígenas na Universidade do Estado do Amazonas.” Nexa Políticas Públicas. <https://pp.nexojornal.com.br/academico/2024/01/09/inclusao-acesso-e-permanencia-de-estudantes-indigenas-na-universidade-do-estado-do-amazonas>.
- 2023** **Lembi, Rafael**, Alice Ramos de Moraes, Cristiana Seixas, Talita Terra. 2023. Infographic: “Infográfico - Uso e cobertura da terra na APA de Campinas.” <https://cg-commons.wixsite.com/commons/divulga%C3%A7%C3%A3o>.
- 2023** **Lembi, Rafael**, Alice Ramos de Moraes, Cristiana Seixas. 2023. Infographic: “Infográfico – Serviços ecossistêmicos na APA de Campinas.” <https://cg-commons.wixsite.com/commons/divulga%C3%A7%C3%A3o>
- 2023** Wentworth, Chelsea, **Rafael Lembi**, Angel Hammon, Mahdi Zareei, Jennifer Hodbod, Laura Schmitt Olabisi, Steven Gray. 2023. Workshop report: “Scenarios for the future of the Flint food system: Visions for 2042.” East Lansing, MI: Department of Community Sustainability. <https://www.canr.msu.edu/flintfood/resources-and-publications/scenarios-for-the-future-of-the-flint-food-system-visions-for-2042>
- 2023** **Lembi, Rafael**, Angel Hammon, Chelsea Wentworth, Jennifer Hodbod, Lissy Goranilk. 2023. Workshop report: “Lansing Urban Agriculture Scenario Planning: Visions for 2042.” East Lansing, MI: Department of Community Sustainability. <https://www.canr.msu.edu/resources/scenario-planning-for-urban-agriculture-in-lansing-workbook>
- 2022** **Lembi, Rafael Cavalcanti**. 2022. Book review: “Colin Ray Anderson, Janneke Bruil, M. Jahi Chappell, Csilla Kiss, Michel Patrick Pimbert: Agroecology Now! Transformations towards More Just and Sustainable Food Systems.” *Agriculture and Human Values*, ahead of print, February 24. <https://doi.org/10.1007/s10460-022-10308-3>.
- 2022** Wentworth, Chelsea, **Rafael Lembi**, Jennifer Hodbod. 2022. Workshop workbook: “Scenario Planning Workbook: Urban Agriculture in Lansing, MI.” East Lansing, MI: Department of Community Sustainability. <https://www.canr.msu.edu/resources/scenario-planning-for-urban-agriculture-in-lansing-workbook>
- 2022** Wentworth, Chelsea, **Rafael Lembi**, Jennifer Hodbod. 2022. Workshop workbook: “Scenario Planning Workbook: Leveraging Food System Change in Flint, MI.” East Lansing, MI: Department of Community Sustainability.

<https://www.canr.msu.edu/flintfood/resources-and-publications/scenarios-for-the-future-of-the-flint-food-system-visions-for-2042>

TEACHING EXPERIENCES

Instructor of record

- 2025** Department of Community Sustainability, Michigan State University.
Course: “Theoretical Foundations of Sustainability.” Co-instructor of record for 56 students, mostly majors from Environmental Studies and Sustainability program. Topics covered include sustainability definitions, systems thinking, systems diagramming, environmental ethics, visioning and backcasting, leverage points.

Teaching assistant

- 2014-2021** Institute of Biology, University of Campinas. Teaching assistant for the following undergraduate courses: Ecology of Communities and Ecosystems (2021), Environmental Science (2019), Management of Natural Resources (2018), Introduction to Ecology (2018), Systematics of cryptograms and gymnosperms (2014).

Teaching appointments

- 2018-2019** PROCEU Conhecimento, volunteer teacher for fee-free prep course for university admission exams targeted at low-income students (“*cursinho popular*”). Biology and English teacher.
- 2017-2018** Wizard Campinas, language school. English and German teacher.

INVITED TALKS AND WORKSHOPS

- 2025** Malmborg, Katja, **Rafael Lembi**, Jackie Hamilton, Morgan MathisonSlee, Rowan Alden, Kinga Psiuk, Caroline Wallington. “Building community within SocSES.” Workshop organizer for launch event of Early Career Hub of Society of Social-Ecological Systems (SocSES)
- 2025** Quinlan, Allyson, Oonsie Biggs, Carl Folke, Stephen Carpenter, **Rafael Lembi**, Nana Sakyiwa Brown-Wood, Caroline Wallington, Bruce Goldstein, Patricia Balvanera. “Early career perspectives for SocSES.” Panel speaker for launch event of Society for Social-Ecological Systems (SocSES)
- 2025** **Lembi, Rafael**, Laura Barbon de Abreu. “Assessing nature’s contributions to people at Campinas Environmental Protected Area.” Guest lecture for research and outreach group “Tempo Profundo” at Institute of Geosciences, University of Campinas

- 2025 Lembi, Rafael.** “Insights from the field: conducting community-engaged research in the Brazilian Amazon.” Guest lecture for the Center for Gender in Global Context (GenCen), Michigan State University.
- 2024 Biggs, Oonsie, Alta de Vos, Allyson Quinlan, Garry Peterson, Rafael Lembi, Cibele Queiroz.** “Early career insights from PECS-3.” Panel speaker for closing remarks of PECS-3 Conference, Montréal.
- 2024 Lembi, Rafael.** “Participatory research: insights from field experiences.” Guest lecture for Social-Ecological Workshop, McGill University.
- 2024 Lembi, Rafael.** “Environmental ethics.” Guest lecture for the undergraduate courses of International Development and Theoretical Foundations of Sustainability, Michigan State University.
- 2024 Wentworth, Chelsea, Amarachi Wachuku, Rafael Lembi.** “Food Systems Futures: Approaches to participatory scenario creation and visioning and values exercise & Hosting your Own Scenario Workshop and Using the Recipe for a Scenario Method.” Workshop design for Food Systems Research Summit, University of Vermont.
- 2023 Lembi, Rafael.** “Interdisciplinary approaches to assess ecosystem services.” Guest lecture for the research group of Ocean Governance, Federal University of São Paulo.
- 2022 Lembi, Rafael.** “Researching University Programs in the United States: Where to Begin.” Guest lecture for students in Latin America that have been awarded a Fulbright fellowship.
- 2021 Lembi, Rafael.** “Interdisciplinary approaches to assess ecosystem services.” Guest lecture for the undergraduate students at State University of Northern Paraná.

GRANTS

Total of 181,802 USD, 17,090 EUR, and 55,832 BRL awarded in research grants and fellowships to fund graduate studies, community-engaged fieldwork and place-based research, including the prestigious Fulbright Fellowship to pursue a PhD in the United States.

- 2021-2024 Fulbright Award.** \$160,802. Highly competitive fellowship for a full PhD at the Department of Community Sustainability, Michigan State University. Sponsored by the Brazilian Coordination for Improvement of Higher Education Personnel (CAPES) and the Office of International Studies and Programs at MSU
- 2024 Gender, Justice and Environmental Change Dissertation Research Fellowship.** \$10,000. 2024. Fellowship awarded by the Center for Gender in Global Context (GenCen), Michigan State University to support research in the field of gender, justice and environmental change.

- 2024** Center for Latin American and Caribbean Studies (CLACS) Graduate Student Field Research Fellowship. \$2,000. Fellowship award by CLACS to support graduate students' fieldwork in Latin American and Caribbean countries.
- 2023** Mary Louise Gephart Donnell Fellowship. \$3,000. Fellowship awarded by The Graduate School, Michigan State University to advance research related to human environment and design
- 2023** William W. & Evelyn M. Taylor Endowed Fellowship for International Engagement in Coupled Humans and Natural Systems. \$6,000. 2023. Fellowship awarded by The Graduate School, Michigan State University to advance research by students investigating sustainability and linkages between human and their natural environment.
- 2019-2021** Coordination for Improvement of Higher Education Personnel (CAPES). R\$ 45,000. Fellowship for master's in Ecology at the Institute of Biology, University of Campinas.
- 2015-2016** Science Without Border Program - Coordination for Improvement of Higher Education Personnel (CAPES). € 15,090. Fellowship awarded for a German language course and two semesters university stay at the University of Münster, Germany
- 2018** University of Campinas. Fellowship to develop undergraduate research dissertation. R\$ 2,800. Competitive fellowship awarded to undergraduate students conducting a research project
- 2013-2014** São Paulo Research Foundation (FAPESP). R\$ 5,632. Technical fellowship award to work as a research assistant at Plant Ecophysiology Lab.
- 2010-2012** Minas Gerais Research Foundation (FAPEMIG). R\$ 2,400. Junior scholarship for high school students' to conduct a scientific research project.

FELLOWSHIPS AND AWARDS

Total of 47,200 USD, 2,500 EUR, and 10,130 BRL awarded in fellowships for professional development programs, conference funding, teaching fellowships, and recognitions awards.

- 2025** CIRCLE Leadership Fellowship. \$5,000. Fellowship awarded by Center for Interdisciplinary Research, Collaboration, Learning, and Engagement (CIRCLE) of Michigan State University for a 1-year program on interdisciplinary research and capacity building targeting graduate students
- 2025** Gender, Justice and Environmental Change Dissertation Writing Fellowship. \$9,250. Fellowship awarded by the Center for Gender in Global Context (GenCen) of Michigan State University to support dissertation writing in the field of gender, justice and environmental change.
- 2024** Jianguo (Jack) Liu Graduate Award in Sustainability. \$2,000. Fellowship awarded by The Graduate School of Michigan State University to students enrolled in

- any graduate program at MSU working on global sustainability challenges and opportunities.
- 2024** Malcolm and Ann Kerr Award for Excellence in Scholarship Endowed Award. \$12,800. Fellowship awarded by the Department of Community Sustainability, Michigan State University that provides awardees with the opportunity to be instructor of record for an undergraduate level course, covering tuition, health insurance and a monthly stipend for an academic semester.
- 2024** Future Academic Scholars in Teaching (FAST) Fellowship. \$5,000. Fellowship awarded by The Graduate School of Michigan State University for a 1-year professional development program in teaching-as-research
- 2024** Linking All Types of Teachers to International Cross-Cultural Education (LATTICE). \$500. Fellowship awarded to students pursuing a project in the field of international and environmental education.
- 2024** Travel Fellowship. \$2500. Fellowship awarded by The Graduate School, College of Agriculture and Natural Resources, International Studies & Programs at Michigan State University to provided assistance for traveling to attend courses and conferences.
- 2023** Milton H. Steinmueller Fellowship in Natural Resources and Environmental Policy. \$7,000. Fellowship awarded by the Department of Community Sustainability, Michigan State University to students that plan to pursue an academic teaching career in the field of natural resources and policy
- 2023** Emerging Engagement Scholars Workshop Fellowship. \$100. Fellowship awarded by Engagement Scholarship Consortium for graduate students to attend a professional development program on community engagement.
- 2021-2023** Graduate Office Fellowship (GOF) from the Department of Community Sustainability, Michigan State University. \$1700. Fellowship for field-related and conference-related expenses, awarded multiple times.
- 2022-2023** College of Agriculture and Natural Resources Alumni Association - Student Club Grant. \$1450. Funding awarded to the Graduate Student Organization's (GSO) of the Department of Community Sustainability to organize and facilitate professional development activities
- 2018-2020** University of Campinas. Teaching assistant fellowship. Sum of R\$ 8,250. Fellowship to support teaching assistant activities.
- 2019** University of Campinas. Graduate program fieldwork and travel grants. R\$ 1,880. Fellowship to support data collection and attendance of conferences
- 2015** Ernst-Reuter Gesellschaft e.V. €2,500. Fellowship awarded to participate in German course within the FUBIS program at the Free University of Berlin

PEER-REVIEWED CONFERENCE PRESENTATIONS AND WORKSHOPS

- 2025** **Lembi, Rafael**, Maria Claudia Lopez. "Community Power: Exploring the Role of Energy Commons in Decolonizing Energy Transitions within the Brazilian

- Amazon.” International Association for the Study of the Commons (IASC) Conference, University of Massachusetts Amherst.
- 2025 Lembi, Rafael,** Maria Claudia Lopez. “Exploring Energy Commons as an Anti-Colonial Praxis: Perspectives from Indigenous and Traditional Communities in the Brazilian Amazon.” Interdisciplinary Ph.D. Workshop in Sustainable Development (IPWSD), Columbia University.
- 2024 Lembi, Rafael,** Elson Galang, Katja Malmborg, Jackie Hamilton, Jen Holzer, Marianne Falardeau, Catherine Destrempe, Jonathan Vivas, Morgan MathisonSlee, Agnes Vari. “Shaping sustainable futures: Building inclusive communities of practice with early career scholars in social-ecological systems.” Workshop for Program for Ecosystem Change and Society (PECS-3) Conference.
- 2024 Lembi, Rafael,** Laura Barbon de Abreu, Henrique Costa, Alice Ramos de Moraes, Cristiana Seixas. “From global to local: Adapting IPBES Framework to local level assessments of biodiversity and ecosystem services.” Program for Ecosystem Change and Society (PECS-3) Conference.
- 2023 Lembi, Rafael,** Maria Claudia Lopez, Emilio Moran. “Towards energy justice and energy sovereignty: participatory co-design of off-grid systems in the Brazilian Amazon.” Center for Latin American and Caribbean Studies Graduate Student Research Conference, Michigan State University.
- 2023 Lembi, Rafael,** Maria Claudia Lopez, Igor Cavallini Johansen, Emilio Moran. “Beyond technical fixes: co-designing improved energy systems with off-grid communities in the Brazilian Amazon.” International Association for Society & Natural Resources (IASNR) Conference, Maine.
- 2022 Lembi, Rafael,** Alice Ramos de Moraes, Cristiana Seixas. “Looking back and looking forward: assessing ecosystem services at a peri-urban protected area in southeast Brazil.” Sustainability & Development Conference, University of Michigan.

PEER-REVIEWED POSTER PRESENTATIONS

- 2025** Wentworth, Chelsea, **Rafael Lembi,** Amarachi Wachuku, Miles McNall, Jennifer Hodbod, Kelly McClelland, Samantha Farah, Lottie Ferguson, Robert E. Brown, Damon Ross. “Sustaining Scenarios: Researcher-practitioner reflections on extending research beyond project boundaries.” Annual Research Symposium, Healthy Flint Research Coordinating Center.
- 2023 Lembi, Rafael,** Chelsea Wentworth, Jennifer Hodbod. “Making research actionable: insights from a participatory scenario planning process to improve the Flint food system” Annual Research Symposium, Healthy Flint Research Coordinating Center.
- 2022** Wentworth, Chelsea, Livy Drexler, **Rafael Lembi.** “Images of Community Support in a Study of Household Food Security: A Flint Food Photo Project” Annual Research Symposium, Healthy Flint Research Coordinating Center.

- 2020** **Lembi, Rafael**, Alice Ramos de Moraes, Cristiana Seixas. “Ecosystem services assessment in a sustainable use protected area in Campinas, Brazil: the perceptions of management councilors.” Ecosystem Services Partnership – Regional Conference Latin America and Caribbean, University of Campinas
- 2020** Cruz, Livia Ribeiro, **Rafael Lembi**, Patricia Costa, Peter Groenendijk. “Habitat modulation of water-conservation functional traits in two genera of woody species from the Brazilian Cerrado.” Latin America and Caribbean Congress of the Society for Conservation Biology
- 2020** Mansur, Andressa Vianna, Sheina Koffler, Pedro Albuquerque Sena, Caroline Picharillo, Cecilia Cronemberg, **Rafael Lembi**, Jéssica Felappi, Alice Ramos de Moraes, A. R., Jessie Preira Santos, Adnan Arshad. “Applying the Nature Futures Framework for Urban Areas in the Brazilian Atlantic Forest.” World Biodiversity Forum.
- 2019** **Lembi, Rafael**, Leandra Gonçalves, Cristiana Seixas. “Contribuições imateriais da natureza para o bem-estar dos visitantes do Parque Nacional da Serra da Bocaina, São José do Barreiro, SP.” I Fórum de Governança Ambiental da Macrometrópole Paulista.
- 2018** **Lembi, Rafael**, Leandra Gonçalves, Cristiana Seixas. “Panorama do Turismo em Unidades de Conservação da Mata Atlântica.” Congresso de Iniciação Científica da Unicamp.
- 2018** **Lembi, Rafael**, Leandra Gonçalves, Cristiana Seixas. “Biodiversity as a tourism attraction in National Parks in the Brazilian Atlantic Forest.” Ecosystem Services Partnership - Regional Conference Latin America and Caribbean.
- 2017** **Lembi, Rafael**, Cristina Antunes, Simone Vieira. “Influência das palmeiras na estrutura e biomassa de uma floresta ombrófila densa, Ubatuba-SP, Brasil.” XIII Congresso de Ecologia do Brasil.
- 2017** **Lembi, Rafael**, Christian Giese, Frauke Meier. “Spring bat activity in a vaulted cellar in the district of Borken, Germany.” XIII Congresso de Ecologia do Brasil.
- 2013** Marra, Nayara, **Rafael Lembi**, Andréa Rodrigues Marques. “Phytoremediation and biomonitoring of chromium-contaminated water: evaluation of symptoms and internal morphology of the macrophyte *Polygonum punctatum* Elliot.” I-SWEEEP International Sustainable World (Energy, Engineering and Environment) Project Olympiad.

SERVICE TO PROFESSION

Peer-review for the following journals: Ecology & Society, Ecosystems and People, Sustainability Science, International Journal of the Commons, Biota Neotropica.

Founding member of SocSES – Society for Social-Ecological Systems, representing early-career researchers in the process of creating the Society, 2025.

Co-convenor of working groups “Communities of Practice in Action” and “Navigating ethical place-based research” under thematic stream “Transdisciplinary and place-based research” within SocSES – Society for Social-Ecological Systems, 2025.

Member of the Scientific Advisory Committee for the PECS-3 Conference “Pathways to Sustainability: Social-ecological resilience and transformation across multiple scales,” 2024.

Faculty liaison (2022), co-coordinator (2023) and financial coordinator (2024 – present) of Graduate Student Organization, Department of Community Sustainability, Michigan State University

Representative of the Resilience Alliance Young Scholars (RAYS) network at the Resilience Alliance board, 2022 – present.

PROFESSIONAL EXPERIENCE

2018-2020 Environmental educator. Naturae Biodiversidade. Campinas, Brazil

2016 Environmental educator and bat ecologist. Echolot Company and Naturschutz (NABU) Münster, Germany.

2013-2014 Lab technician. Plant Ecophysiology Lab. Campinas, Brazil

PROFESSIONAL DEVELOPMENT

2025 Teaching Social Action: Curriculum and Pedagogy for Transformative Courses. 15h. Teaching Social Action institute.

2025 Energy Summit. 30 h. Dartmouth University

2024 Transformative Research PhD Course. 90 h. University of Twente, Netherlands. Advanced Facilitative Leadership. 28h. Michigan State University Extension

2023 An Introduction to Evidence-Based Undergraduate STEM Teaching. 40 h. Center for Integration of Research, Teaching & Learning (CIRTL Network)

2023 Facilitative Leadership. 28h. Michigan State University Extension.

2023 Emerging Engagement Scholars Workshop. 18h. Engagement Scholarship Consortium.

2022 São Paulo School of Advanced Science Sustainable and Inclusive Amazonia. 120h. São Paulo Research Foundation.

2022 Ostrom Workshop Summer Academy. 18h. Indiana University.

2021 Resilience foundations: From theory to practice. 20h. Resilience Alliance.

2020 Nature-based solutions and green urbanism. 45h. School of Architecture, University of Campinas.

2020 Qualitative Research Methods: Conversational Interviewing. 9h. Massachusetts Institute of Technology (MITx). Coursera.

2019 São Paulo School of Advanced Science on Modelling and Scenarios on Biodiversity and Ecosystem Services to Support Human Well-being. 120h.

Brazilian Platform on Biodiversity and Ecosystem Services and São Paulo Research Foundation.

- 2019** Germinar Program – Facilitation and facilitative leadership. 150h. ComViver Association / EcoSocial Institute.
- 2019** Mapping and valuing of ecosystem services. 60h. Federal University of Rio Grande do Norte.
- 2019** Popular education. 20h. Paulo Freire Institute
- 2018** Transforming Development: The Science and Practice of Resilience Thinking. 28h. Sustainable Development Goals Academy
- 2018** Logical method for scientific writing. 8h. University of Campinas
- 2018** Valuation of ecosystem services as a tool to support decision-making. 8h. Getúlio Vargas Foundation.
- 2017** III EcoEscola: Summer School in Ecology. 92 h. University of São Paulo
- 2017** Operational Actions for Forest Management. 8h. ARIE Mata de Santa Genebra

LANGUAGES

Portuguese: native speaker

English: fluent (TOEFL iBT 114/120)

Spanish: advanced (DELE Avanzado C1)

German: proficient (TELC B2)