

URBAN ECO-EVO TOOLKIT

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Decolonizing Urban Eco-Evolutionary Research

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Therefore, we must acknowledge how ongoing colonial contexts
shape the production, dissemination, and dissemination of scientific thought at both

local and global scales. Globally we need to address how we fund science, how we conduct work in areas in which we do not live, and how to equitably and respectfully collect and disseminate information. Locally, we need to address how we conduct research in a respectful and equitable manner, how we can actively engage the local community throughout the entire research process, and how the researcher's positionality influences the way in which they ask questions and analyze data. Taking these steps to decolonize science is especially important in urban areas because not only are cities home to incredibly diverse communities, but the ecology of colonial cities has been shaped by long-standing indigenous human-natural systems overlaid by a colonial order."

Peer reviewed resources for decolonizing

By downloading any of the following publications, we assume you are requesting a reprint for research or educational purposes. No publication may be used for commercial purposes. Please see respective publisher websites for more information.

- Baker, K., Eichhorn, M. P., and Griffiths, M. 2019. Decolonizing field ecology. *Biotropica* 51, 288–292. doi: [10.1111/btp.12663](https://doi.org/10.1111/btp.12663). [PDF](#)
- Das, S., and M. Lowe. 2018. Nature Read in Black and White: decolonial approaches to interpreting natural history collections. *Journal of Natural Science Collections* 6:4–14. [PDF](#)
- Gewin, V. 2021. Respect and representation: indigenous scientists seek inclusion for their knowledge and for themselves. *Nature* 589:315–317. doi: [10.1038/d41586-021-00022-1](https://doi.org/10.1038/d41586-021-00022-1) [PDF](#)
- Miriti, M. N., Rawson, A. J., and Mansfield, B. 2023. The history of natural history and race: Decolonizing human dimensions of ecology. *Ecological Applications* 33: e2748. <https://doi.org/10.1002/eap.2748> [PDF](#)
- Ramírez-Castañeda, V., Westeen, E. P., Frederick, J., Amini, S., Wait, D. R., Achmadi, A. S., et al. 2022. A set of principles and practical suggestions for equitable fieldwork in biology. *Proceedings of the National Academy of Sciences* 119, e2122667119. doi: [10.1073/pnas.2122667119](https://doi.org/10.1073/pnas.2122667119). [PDF](#)
- Simpson, M., and Bagelman, J. 2018. Decolonizing urban political ecologies: the production of nature in settler colonial cities. *Annals of the American Association of Geographers* 108, 558–568. doi: [10.1080/24694452.2017.1392285](https://doi.org/10.1080/24694452.2017.1392285). [PDF](#)

- Trisos, C. H., J. Auerbach, and M. Katti. 2021. Decoloniality and anti-oppressive practices for a more ethical ecology. *Nature Ecology & Evolution*, doi: [10.1038/s41559-021-01460-w](https://doi.org/10.1038/s41559-021-01460-w) PDF
- Wong, C., K. Ballegooyen, L. Ignace, M. J. (Gùdia) Johnson, and H. Swanson. 2020. Towards reconciliation: 10 Calls to Action to natural scientists working in Canada. *Facets* 5:769–783. DOI: [10.1139/facets-2020-0005](https://doi.org/10.1139/facets-2020-0005) PDF

Current partnership projects between the local community and scientists

If you would like to contribute, please fill out the form in the contact us section.

Examples of land acknowledgements, positionality statements, and methods sections from empirical studies that discuss research in the context of the specific regional land history

[Native Land](#)

[Native Languages](#)

[A guide to indigenous land acknowledgement](#) by the Native Governance Center

[Decolonizing your syllabus? You might have missed some steps](#)

[Honor native land: a guide and call to acknowledgment](#) by the U.S. Department of Arts and Culture

[St. Louis, Missouri, United States](#) by Dr. Liz Carlen