

neonSoilFlux: An R Package for Continuous Sensor-Based Estimation of Soil CO₂ Fluxes

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24 **Conflict of Interest Statements**

25 None of the authors have a financial, personal, or professional conflict of interest related to this
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27 **Author Contributions**

28 Conceptualization: John Zobitz, Naupaka Zimmerman; Methodology: Edward Ayres, John
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36 Writing – review and editing: John Zobitz, Naupaka Zimmerman, Zoey Werbin, Edward Ayres,
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39 Project Administration: John Zobitz, Naupaka Zimmerman; Funding Acquisition: John Zobitz,
40 Naupaka Zimmerman.

41 **Data Availability**

42 Field-collected data, `neonSoilFlux` calculated outputs, and manuscript-generating code are
43 archived via Zenodo: <https://doi.org/10.5281/zenodo.17516319> (Zobitz & Zimmerman, 2025).
44 All analyses in this manuscript were based on the version of `neonSoilFlux` tagged v2.9.0 on
45 the package's GitHub repository <https://github.com/jmzobitz/neonSoilFlux>. This version
46 of the package is also archived at Zenodo under the following DOI: [https://doi.org/10.5281/](https://doi.org/10.5281/zenodo.17624494)
47 [zenodo.17624494](https://doi.org/10.5281/zenodo.17624494).

48 Zobitz, J., & Zimmerman, N. (2025). *Supporting Code and Data for neonSoilFlux: An R*
49 *Package for Continuous Sensor-Based Estimation of Soil CO₂ Fluxes*. Zenodo. [https:](https://doi.org/10.5281/zenodo.17516319)
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