

¹ **neonSoilFlux: An R Package for Continuous
2 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**

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³⁵ Dijonë Mehmeti, Ly Xiong; Writing – original draft: John Zobitz, Naupaka Zimmerman;
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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/zenodo.17624494>.

⁴⁸ Zobitz, J., & Zimmerman, N. (2025). *Supporting Code and Data for neonSoilFlux: An R
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