

# neonSoilFlux: An R Package for Continuous Sensor-Based Estimation of Soil CO<sub>2</sub> 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  
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## 27 **Author Contributions**

28 Conceptualization: John Zobitz, Naupaka Zimmerman; Methodology: Edward Ayres, John  
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39 Project Administration: John Zobitz, Naupaka Zimmerman; Funding Acquisition: John Zob-  
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## 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  
45 on 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) (Zobitz et al., 2025).