

# C. Bruce Baker, Ph.D.

## Featured Publications

Clayton, J. A., S. Quiring, T. Ochsner, M. Cosh, C. B. Baker, T. Ford, J. D. Bolten, and M. Woloszyn (2019), **Building a one-stop shop for soil moisture information**, *Eos*, 100, <https://doi.org/10.1029/2019EO123631>. Published on 13 June 2019.

Wilkerson, J., Dobosy, R., Sayres, D. S., Healy, C., Dumas, E., Baker, B., and Anderson, J. G.: **Permafrost nitrous oxide emissions observed on a landscape scale using the airborne eddy-covariance method**, *Atmos. Chem. Phys.*, 19, 4257-4268, <https://doi.org/10.5194/acp-19-4257-2019>, 2019.

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Lee, T. R. M. Buban, E. Dumas, and C. B. Baker, 2019: **On The Use Of Rotary-Wing Aircraft To Sample Near-Surface Thermodynamic Fields: Results From Recent Field Campaigns**. *Sensors*, 19 (1), 10, doi:10.3390/s19010010.

Lee, T. R., M. Buban, M. A. Palecki, R. D. Leeper, H. J. Diamond, E. Dumas, T. P. Meyers, and C. B. Baker (2018), **Great American Eclipse data may fine-tune weather forecasts**, *Eos*, 99, <https://doi.org/10.1029/2018EO103931>. Published on 16 August 2018 <https://eos.org/project-updates/great-american-eclipse-data-may-fine-tune-weather-forecasts>

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Lee, T. R., M. Buban, E. Dumas, and C. B. Baker, 2017: **A New Technique To Estimate Sensible Heat Fluxes Around Micrometeorological Towers Using Small Unmanned Aircraft Systems**. *Journal of Atmospheric and Oceanic Technology* 34 (9), 2103-2112, doi:10.1175/JTECH-D-17-0065.1.

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