



SmartFlux Publications List

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- Alvarado-Barrientos, M. S., H. López-Adame, H. E. Lazcano-Hernández, J. Arellano-Verdejo and H. A. Hernández-Arana (2021). "Ecosystem-Atmosphere Exchange of CO₂, Water, and Energy in a Basin Mangrove of the Northeastern Coast of the Yucatan Peninsula." *Journal of Geophysical Research: Biogeosciences* 126(2): e2020JG005811.
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- Attia, Z., A. Dalal and M. Moshelion (2018). "Vascular bundle sheath and mesophyll regulation of leaf water balance in response to chitin." *bioRxiv*: 337709.
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- Chopra, C. (2020). *Quantification and mapping of methane emissions using eddy covariance in a controlled subsurface synthetic natural gas release experiment* PhD Thesis, University of British Columbia.
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- Cui, X., T. Goff, S. Cui, D. Menefee, Q. Wu, N. Rajan, S. Nair, N. Phillips and F. Walker (2021). "Predicting carbon and water vapor fluxes using machine learning and novel feature ranking algorithms." *Science of The Total Environment* 775: 145130.
- D'Acunha, B., L. Morillas, T. A. Black, A. Christen and M. S. Johnson (2019). "Net ecosystem carbon balance of a peat bog undergoing restoration: integrating CO₂ and CH₄ fluxes from eddy covariance and aquatic evasion with DOC drainage fluxes." *Journal of Geophysical Research: Biogeosciences* 124(4): 884-901.
- Dai, S., W. Ju, Y. Zhang, Q. He, L. Song and J. Li (2019). "Variations and drivers of methane fluxes from a rice-wheat rotation agroecosystem in eastern China at seasonal and diurnal scales." *Science of The Total Environment* 690: 973-990.
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- Doucet, A. M., F. A. Jones, G. M. Dipple and K. U. Mayer "Pilot Study Comparing Eddy Covariance and Dynamic Closed-Chamber Methods for Measuring CO₂ Fluxes above the Hydromagnesite-Magnesite Playas near Atlin, Northwestern British Columbia (NTS 105N/12)."
- Feitz, A., I. Schroder, F. Phillips, T. Coates, K. Negandhi, S. Day, A. Luhar, S. Bhatia, G. Edwards and S. Hrabar (2018). "The Ginninderra CH₄ and CO₂ release experiment: An evaluation of gas detection and

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- Mamtimin, A., Y. Wang, H. Sayit, X. Yang, F. Yang, W. Huo, C. Zhou and L. Jin "Characteristics of Turbulence Over the Semi-Fixed Desert Area in North of Xinjiang, China."
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- 李润东, 范雅倩, 冯沛, 宋泽, 李鑫豪, 闫惠娟, 马莉 and 查天山 (2020). "北京松山天然落叶阔叶林生态系统净碳交换特征及其影响因子." *Yingyong Shengtai Xuebao* 31(11).



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