Eddy Covariance

Publications List

Citations related to the use of LI-COR gas analyzers and software in eddy covariance experiments

This document contains a sampling of recent publications that reference LI-COR instrumentation and software. This list is provided for informational purposes only, and LI-COR neither endorses, nor makes any express or implied warranties with respect to any data included in these publications.

LI-7700 Open Path CH_4 Analyzer

Alberto, M. C. R., et al. (2014). **Measuring methane flux from irrigated rice fields by eddy covariance method using open-path gas analyzer.** *Field Crops Research* 160: 12–21.

Begashaw, I., et al. (2014). **A new tool for automated data collection and complete on-site flux data processing for eddy covariance measurements.** AGU Fall Meeting.

Bhattacharyya, P., et al. (2014). **Tropical low land rice ecosystem is a net carbon sink.** *Agriculture, Ecosystems and Environment* 189: 127–135.

Birkham, T., et al. (2014). **Near-surface water balances of waste rock dumps.** British Columbia Mine Reclamation Symposium.

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Coates, T., et al. (2014). **A year in the life: The challenges of long term methane flux measurements on a cattle-grazed landscape.** *Optical Instrumentation for Energy and Environmental Applications*. Optical Society of America.

Emmerton, C. A., et al. (2014). **The net exchange of methane with high Arctic landscapes during the summer growing season.** *Biogeosciences* 11(12): 3095–3106.

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Fleischer, E., et al. (2015). **Summer evapotranspiration in Western Siberia: a comparison between eddy covariance and Penman method formulations.** *Hydrological Processes*. 29(20): 4498–4513.

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Knox, S. H., et al. (2015). **Agricultural peatland restoration: effects of land-use change on greenhouse gas (CO_2 and CH_4) fluxes in the Sacramento-San Joaquin Delta**. *Global Change Biology* 21(2): 750–765.

Mammarella, I. (2015). **Eddy covariance technique: flux corrections. Workshop on EddyUH: a software for eddy covariance flux calculation.** Helsinki, 23–27 February 2015.

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