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# French Tropical Forest fluxes: comparison of two eddy flux towers in French Guiana

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## Résumé

How carbon fluxes vary across scales remains poorly documented in tropical forests. To address this problem, we established two eddy flux towers to measure carbon and water fluxes in French Guiana. The Guyaflux tower (set-up in 2003) is located at the Paracou Ecological Research station, in the coastal plain region. The Nouraflux tower (set-up in 2014) is located at the Nouragues Ecological Research station, 150 km from Paracou. The two stations have slightly different climate conditions and they differ in tree community composition. Here, we compare instantaneous CO<sub>2</sub> and H<sub>2</sub>O fluxes between these two sites for different periods in 2015 and 2016 and relate these results with meteorological variables.

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