

Understanding the coupling between clouds and vegetation in different ecosystems  
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#### Short description

Aim in analysing these data is: (a) to establish relation between the coupling of clouds and vegetation and (b) to search for spatial or temporal correlation related to abrupt and transitional changes in the soil-vegetation-atmospheric system. We will select sites characterized by complete meteorological and CO<sub>2</sub> data and with a long-term record and high measurement frequency. Based on these requirements, we will select at least two sites per ecosystem depending on availability and quality of data.

#### Co-authorship

We will contact the principal investigator of each site and ask whether they want to contribute and if they want to be co-authors.