

Optimal network for monitoring regional CO₂ emissions





Why we need CO₂ observation network ?

Information about the sources and sinks are that decides the quality of CO_2 flux estimation. One of the criterion for the selection of best network is based on reducing variance of estimates. A network design need to be in the form of how much new information is added by new



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EGU General Assembly 2020



Uncertainty reduction and Optimal network

Reduction in the posterior uncertainty relative to the prior uncertainty resulted by the network of stations

Extended network of stations for different seasons according to the ranking

New network of stations proposed to constrain Indian land fluxes

