

CGU_B_06: General Biogeosciences

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Session Description

This session will highlight the diversity of research investigating ecosystem processes from a biogeoscientific/biogeochemical perspective. Presentations are solicited that demonstrate progress towards improved understanding of biogeochemical processes of landscapes and ecosystems using field experiments, numerical modelling or other approaches. Sample topics include quantifying biogeochemical functions of natural or managed environments; characterizing measurement and modelling uncertainty in complex and heterogeneous landscapes; scaling water/nutrient/element/sediment exchange processes; quantifying the impacts of climate and land-use change on water/nutrient/element/sediment fluxes across ecosystems; identifying and evaluating the effects of drought and other extreme weather phenomena on ecosystem properties; developing and testing new sensor systems and measurement techniques; and measuring or modelling the effects of ecological communities on ecosystem dynamics or long-term change.

Primary Affiliation: CGU - Biogeosciences