

B07: Terrestrial-aquatic interactions: measurement and modelling

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Session Description

The movement of water, mass and energy through and between ecosystems is a key theme of the biogeosciences section. This session will focus on terrestrial-aquatic interactions and implications for freshwater ecosystems under changing land-use and climate regimes. Specifically, we invite contributions from researchers who focus on measurement and/or modelling of terrestrial landscape processes (e.g. hydrology, biogeochemistry, landscape disturbance), and their implications for the structural and functional characteristics of river, lake and wetland ecosystems. We also encourage contributions in the area of quantitative spatial modelling, and studies that present novel approaches for inferring ecosystem processes from spatial or temporal analysis of information-rich data sources, such as time-series data and remote sensing imagery.

Primary Affiliation: Biogeosciences