Special Issue

Landscape and Climate Change

Message from the Guest Editor

The characteristics of landscapes and climate are strongly related through a direct exchange between the terrestrial and the atmospheric system. Alterations in these properties inevitably have consequences for the climate system. While changes in landscapes affect greenhouse gas emissions, which in turn contribute to global warming, changes in climate cause vegetation shifts along altitudinal and latitudinal gradients. Modifications in vegetation type compositions further feedback to the hydroclimatic system as well as to atmospheric processes that alter the regional and local climate with impacts on the socio-ecological system. Kind regards,

Guest Editor

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