

Wintersemester 2009/2010

Gebäude GEO I
Hörsaal H8

BayCEER Kolloquium

Vortragsreihe Ökologie und Umweltforschung

Freitag 15.01.2010, 12:15 Uhr, H8

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Ecosystem-climate interactions: Impacts, feedback, mechanisms and predictions

One ultimate goal of global change research is to predict future states of ecological and climate systems. To achieve that goal, we need to understand mechanisms underlying ecosystem responses and feedback to global change; develop process-based models, and integrate experimental results into models toward predictions.

This talk will highlight our research activities and achievements using experimental, modeling, and data assimilation approaches. In particular, I will discuss our work on ecosystem responses and feedback to rising atmospheric CO₂, climate warming, and altered precipitation.

I will also introduce our recent research focus on data-model fusion toward ecological forecasting.

Die Vortragsreihe ist eine interdisziplinäre Plattform zur Information und Diskussion für Studierende, Forschende und Lehrende

Gäste sind herzlich willkommen