

Gebäude NW I
Hörsaal H12**Sommersemester 2012**

BayCEER Kolloquium

Vortragsreihe Ökologie und Umweltforschung**Donnerstag 24.05.2012, 17:00 Uhr, H12****Anschließend Postkolloquium mit Bier und Brezeln im H12**

Dr. Hyojung Kwon

Department of Plant Ecology, University of Bayreuth

Monitoring and Analysis of Ecosystem Dynamic in Carbon Exchange in Korea

KoFlux is a Korean network of micrometeorological tower sites that use eddy covariance methods to monitor the cycles of carbon, water, and energy between the atmosphere and the key terrestrial ecosystems in Korea. KoFlux embraces the mission of AsiaFlux, i.e. to bring Asia's key ecosystems under observation to ensure quality and sustainability of life on earth.

Since "KoFlux Kick-Off" in 2002, KoFlux has monitored and analyzed the dynamic in exchanges of mass and energy over the key ecosystems. In the presentation, the current status of KoFlux will be introduced, and the analysis of carbon exchange (e.g. quantification of carbon budget and the effect of Asian summer monsoon on carbon exchange) will be presented. In addition, uncertainty estimates in annual carbon budget by the eddy covariance method will be discussed.

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

Gäste
sind herzlich
willkommen