

Sommersemester / *Summer Term 2016*

## BayCEER Kolloquium

Vortragsreihe Ökologie und Umweltforschung  
*Lecture series in Ecology and Environmental Research***Donnerstag 23.06.2016, 13:00 Uhr, H6**

Anschließend Postkolloquium mit Mittagsimbiss im Foyer H6

### PD Dr. Karsten Wesche

Dept. of Botany, Senckenberg Museum of Natural History Görlitz

# Climate controls override grazing effects under extreme conditions of Central Asia

Mongolia and China host some of the most extensive and environmentally diverse rangelands, including the world's largest alpine environments on the Tibetan plateau, some of the most extreme deserts in northern China and the vast steppes of central and eastern Mongolia. Animal husbandry is the main land use type across the region, with sheep and goat being the dominant species, supplemented by e.g. yaks in Tibet, horses in northern Mongolia or camels in the Gobi region. Estimates of grazing degradation in the region vary hugely, rendering development of urgently needed management strategies difficult. Part of this uncertainty is rooted in the lack of standards for degradation assessments such as selection of suitable indicators, and also in failure to calibrate assessments for the local abiotic context. Most notably, interactions between climate and human land use still are poorly understood. The talk presents results from own research in Mongolia, northern China and Tibet, combining standard fencing experiments with large-scale transect studies and literature reviews.

Do. / Thu. 12 st  
Gebäude/Building  
GEO  
Hörsaal/Lecture hall  
H6Die Vortragsreihe  
ist eine  
interdisziplinäre  
Plattform zur  
Information und  
Diskussion für  
Studierende,  
Forschende und  
LehrendeGäste  
sind herzlich  
willkommen*The lecture series  
serves as an  
inter-disciplinary  
platform for  
students, junior  
and senior  
scientists.**Guests  
are cordially  
invited!*