

Credits

5 ECTS credits can be awarded for participating in the summer school program.

Costs

The fee for the Summer School amounts to EURO 300,-. It includes summer school registration, teaching material and half board accommodation (Youth Hostel).

Costs for travel to / from Wuerzburg are not included.

Application

The Summer School is open to M.Sc. and Ph.D. students from all fields related to environmental research. The number of participants is limited to a maximum of 20.

Deadline for application: 30.06.2008

Contact

Dr. Christoph Beck

University of Augsburg

Physical Geography and Quantitative Methods

Universitätsstr. 10

D – 86135 Augsburg, Germany

christoph.beck@geo.uni-augsburg.de

Dr. Christopher Conrad

University of Wuerzburg

Institute of Geography

Am Hubland

D – 97074 Wuerzburg, Germany

christopher.conrad@uni-wuerzburg.de

Elite Network
of Bavaria



International Summer School

“Land Cover and Climate Change in West Africa”



21.-26.7.2008

University of Wuerzburg, Germany



UNIVERSITÄT
BAYREUTH



Elite Network of Bavaria

Graduate Program “Global Change Ecology (M.Sc.)”

www.global-change-ecology.de

Organized by the Universities of Augsburg, Wuerzburg, and Bayreuth

Scope of the Summer School

The Summer School is intended to last for 6 days. It will combine lectures, practical courses (workshops), and discussion forums. **Lecture topics** addressed at the Summer School will include: Quantification of land cover change, deforestation, desertification; Socioeconomic drivers; Climate change at different scales; Interactions between land cover and climate; Impact of climate change (hydrology, diseases). **Corresponding Workshops** are dedicated to remote sensing applications, advanced statistics, multi-agent systems, numerical simulation and GIS. The practical parts of the summer school will strongly focus on "West Africa" as sample region.

International experts (lecturers)

Prof. Dr. Stefan Dech (German Aerospace Center, DLR, Oberpfaffenhofen)

Prof. Dr. Jucundus Jacobeit (University of Augsburg)

Prof. Dr. Detlef Müller-Mahn (University of Bayreuth)

Prof. Dr Heiko Paeth (University of Wuerzburg)

Prof. Dr. R. Baumhauer (University of Wuerzburg)

Dr. Martin Herold (University of Jena, GOFC Gold)

Dr. Radan Huth (Institute of Atmospheric Physics, Prague)

Dr. Harald Kunstmann (Institute of Meteorology and Climate Research, Garmisch-Partenkirchen)

Dr. Tobias Landmann (University of Wuerzburg)

Dr. Bao Le (Center for Development Research, Bonn)

Dr. M. Schmidt (German Aerospace Center, DLR, Oberpfaffenhofen)

Program

Land Cover and Climate Change in West Africa

Date	Topic	Lecturers
21.07.2008	Opening and Introduction	R. Baumhauer
21.07.2008	Land Transformations	M. Herold, T. Landmann
22.07.2008	Human Interactions	M. Schmidt, Bao Le
23.07.2008	Remote Sensing of Land Cover Dynamics	S. Dech, C. Conrad, A. Cord
24.07.2008	Large Scale Atmospheric Circulation and Regional Climate Change	R. Huth, J. Jacobeit, C. Beck
25.07.2008	Land Degradation and Climate in West Africa	H. Paeth, M. Schmidt
26.07.2008	Impact of Climate and Land Use Change on terrestrial Hydrology in the Volta Basin	H. Kunstmann, P.Laux, S. Wagner
26.07.2008	Concluding Remarks and Closure	H. Hagedorn