

POSTERS SESSION 1

POSTERS SESSION 2

Climate vulnerability and adaptation to dwindling water availability in Melamchi watershed Central Nepal

Pradip Gautam, Wageningen

Modelling nitrogen and phosphorus loading from finfish aquaculture

Ciska Overbeek, Wageningen

Investigating determinants for carbon dioxide, methane and nitrous oxide emissions from crop production systems under Central European conditions

Lars Odefey, Hohenheim

Carbon sequestration projects in the Peruvian tropical forest

Teresa Rojas, Hohenheim

Public subsidies for advanced irrigation technologies as adaptation measure for climate change

Christian Troost, Hohenheim

Expectations and global climate change

Jan Horický, Prague

Assessment of soil-amendment mixtures for subsurface drip irrigation systems

Andreas Schwen, Vienna

Climate change scenarios for the headwaters of the Große Mühl – bias evaluation of ECHAM5/REMO input data and hydrological analysis

Klaus Haslinger, Vienna

The results of climate change for agriculture

Ewelina Gajo, Warsaw

Soil organic matter characterization utilizing mid-infrared spectroscopy and thermal analysis

Scott Demyan, Hohenheim

Levels and predictors of children nutrition in Southern Ethiopia: Situational analysis in the context of climate change and food prices

Fikadu Reta Alemayehu, Copenhagen

Preparing for the impacts and adapting to the Inevitable: What can sustainable agriculture do in addressing the climate change challenge?

Justice Akpene Tambo, Hohenheim

Climate change, economy and society: Impact on food quality

Petr Doxanský, Prague

Impacts of different soil tillage treatments on soil microbial activity of agriculturally used soils in Austria

Undrakh Od Bataar

Impacts of different soil tillage treatments on soil carbon dynamics and CO₂ emissions from agricultural soils

Gerlinde Trümper, Vienna

Does global warming change earthworm mediated CO₂ and N₂O release from a soil?

Julia Auber, Hohenheim

Effects of elevated CO₂ and different climatic conditions on photosynthesis of leaves and pods of oilseed rape (Brassica napus)

Ivan Guzman, Hohenheim

Impacts of elevated CO₂ concentration and biodiversity on the carbon cycle of a Mediterranean model ecosystem

Franziska Kugler, Hohenheim

Ozone biomonitoring with different cultivars of snap bean

Helen Willems, Hohenheim

Variation in protein complexation and phenolic content within and among species across an altitudinal gradient in subarctic Sweden.

Elin Olofsson, Uppsala

Do furanocoumarins in giant hogweed have allelopathic or autopathic effects? – A test of the 'novel weapon' hypothesis

Christine Frigaard Weinreich, Copenhagen

Climate change impacts on spruce bark beetle

Lenka Zajíčková, Prague

Constraints and options to conserve biodiversity in Morocco National Park – Venezuela

Alejandro Ceballos, Copenhagen

Biofuel versus food production and deforestation in the Brazilian savannah: Impact on food security and climate change

Marcus Finco, Hohenheim

Biogas support for Tanzania

Johannes Krümpel, Hohenheim

Desertification, a threat to regional development, the case of Northern Cameroon

Margarette Enowkpa Egbe Tambi, Copenhagen

Freshwater scarcity

Nečekal Mikuláš, Prague

Impact of global climate change on consumer decision making

Petr Pohl, Prague

CO₂

Contact:

Universität Hohenheim

Dr. Gabriele Klumpp | Euroleague for Life Sciences (780)

70593 Stuttgart | Germany | Tel. +49 (0)711 459 23468

ellsconference@uni-hohenheim.de

UNIVERSITÄT HOHENHEIM



Climate Change – Global Change Impacts, Adaptation and Mitigation

University of Hohenheim, 5 – 6 November 2009

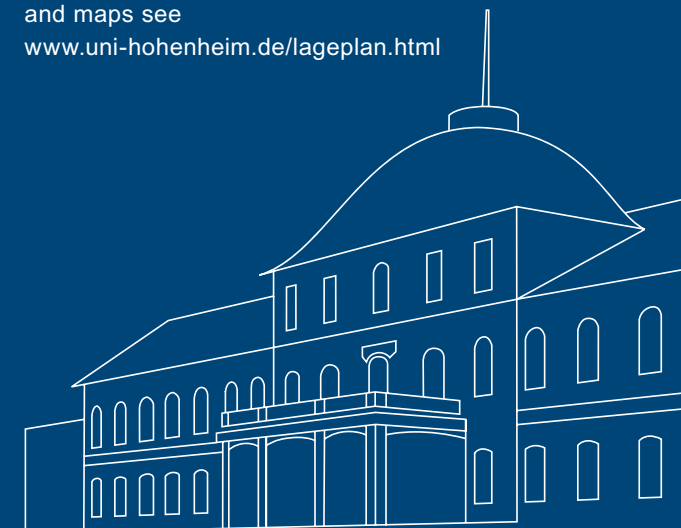
Scientific Student Conference

Venue: Universität Hohenheim Schloss Aula

Conference fees: No fees will be charged

How to get there: For more information and maps see

www.uni-hohenheim.de/lageplan.html



Members of the Euroleague for Life Sciences:

University of Natural Resources and Applied Life Sciences, Vienna (BOKU) | Czech University of Life Sciences Prague (CULS) | University of Copenhagen, Faculty of Life Sciences (LIFE) | Swedish University of Agricultural Sciences (SLU) | University of Hohenheim (UHOH) | Warsaw University of Life Sciences (WULS) | Wageningen University and Research Centre (WUR)



Euroleague
FOR LIFE SCIENCES

www.euroleague-study.org/en/SSC

INTRODUCTION

Global climate change threatens to alter the geo- and biosphere of our planet irreversibly. As a result, our social and economic systems will be confronted with substantial challenges in the future. **The first Euroleague for Life Science Student Conference** on “Climate Change – Global Change: Impacts, Adaptation and Mitigation” brings together students and teachers **from the seven ELLS partner universities** to address some of these forthcoming issues. Problems and threats will be discussed regarding: food production and security, biodiversity and ecosystem functioning, biofuel energy sources and social science and economics. The conference will **highlight ideas and results from young scientists** who will be instrumental in our fight against the impacts of global climate change.



Thursday, 5 November 2009

8:00	Registration and poster mounting
9:00	Welcome and opening by Rector Hans-Peter Liebig, Hohenheim
9:10	Climate Change – observed impacts, unavoidable adaptation and necessary mitigation Prof. Hartmut Graßl, Max-Planck-Institute for Meteorology Hamburg
Session 1: Environmental modelling Chair: Stefan Ignar Warsaw	
10:00	Introduction: Land use changes and climate change effects on the water regime Willibald Loiskandl, Vienna
10:20	Indicators for sustainable structural stormwater measures in Tehran Annette Ziller, Vienna
10:35	Groundwater monitoring on wetland areas – description of hydrological status of fens, bogs and marshes of the Red Bog (Biebrza Valley, Poland) Alicja Zajaczkowska, Warsaw
10:50	Impact of climate change on discharges in the Czech Republic Adam Vizina, Prague
11:05	Analysis of precipitation extremes in transient regional climate model simulations Martin Hanel, Prague
11:20	Life cycle assessment (LCA) on various rice cropping systems and their impacts on environment in Asia. Barbara Dannenmann, Hohenheim
11:35	Coffee Break
Session 2: Impacts on agriculture, food security and food quality Chair: Lutz Graeve, Hohenheim	
11:50	Introduction: A food safety perspective on climate changes Susanne Knöchel, Copenhagen
12:10	Identification and assessment of antifungal activity and metabolites of HOLDBAC™ YM Eva Clara Wegscheider, Copenhagen
12:25	Can integrated water resources management help subsistence agriculture farmers adapt to climate change? Kok Boon Wee, Uppsala
12:40	Impacts of climate change on agriculture and poverty in Linares Province of Chile Evgeny Latynskiy, Hohenheim

12:55	Soil organic carbon dynamics in soybean-based cropping systems in the Brazilian Cerrados Laura Battle Bayer, Wageningen
13:10	Lunch
Session 3: Impacts on biodiversity and ecosystem functioning Chair: Willibald Loiskandl, Vienna	
14:00	Climate change and conservation challenges Jörgen Rudolphi, Uppsala
14:20	Effects of climatic changes on the hydrology, chemistry and vegetation of the Red Bog Ewelina Kosela, Warsaw
14:35	Method for measuring nature conservation values on drained peatlands from a landscape perspective Hanna Engström, Uppsala
14:50	Analysis of a river training structure according to Schauburger Daniel Maurer, Vienna
15:05	Impact of climate change on cyanobacterial blooms in the Baltic Sea Maria Lund Paulsen, Copenhagen
15:20	Does elevation of atmospheric CO ₂ affect the abundance and function of denitrifiers in a grassland ecosystem? Kathleen Regan, Hohenheim
15:35	Coffee break Guided poster session 1 Chair Johannes Steidle, Hohenheim
Session 4. Bioenergy and biofuels Chair: Bjarne Strobel, Copenhagen	
16:30	Bioenergy – boon or bane Joachim Müller, Hohenheim
16:50	Certification as a means for sustainable biofuel production? – Potentials and constraints Umejesi Emeka, Hohenheim
17:05	Development of works with energy crops in Department of Plant Physiology WULS, with a special emphasis on CO ₂ absorption by these crops Tomasz Horaczek, Warsaw
17:30	Guided poster session 2 Bjarne Strobel, Copenhagen
18:30	Buffet dinner
20:00	Euroleague students party at Thomas-Müntzer-Scheuer organised by the International Students Organisation, Hohenheim

Friday, 6 November 2009

Session 5: Climate change, economy and society Chair: Wim Heijman, Wageningen	
08:30	Introduction: Impact of global climate change on economy and economics Petr Prochazka, Prague
08:50	Carbon sequestration in forests as a method of climate change mitigation based on examples in Poland and Iceland Joanna Dziankowska, Warsaw
09:05	Adaptation to climate change among rural people in South Bangladesh Mette Skamris, Copenhagen
09:20	Using GMO to combat the effects of global warming Olga Sramkova, Prague
09:35	Emission trading in the EU Zuzana Macháková, Prague
10:00	Workshop on student mobility “Looking beyond your own backyard – Benefits of a study abroad period” Moderation: Anna Lauritz, Uppsala
11:00	Coffee Break
11:30	Discussion with Rectors of the ELLS universities How do life science universities meet the challenges of a changing world? – Student mobility and possibilities for taking up hot new subjects at your university. Moderation: Anja Pedersen, Uppsala (Chair of the Euroleague Student Association ELSA)
Award ceremony	
12:30	ELLS Distinguished Fellowship Willibald Loiskandl, Vienna Appreciation of the first degree holders of the MSc. EnvEuro Bjarne Strobel, Copenhagen ELLS Prize for Excellent MSc Theses Hans-Peter Liebig, Rector University of Hohenheim
13:00	Closing and Lunch
14:00	Facultative afternoon programme - Excursion to research station “Unterer Lindenhof” and visit of the biogas plant - Guided tour to Mercedes-Benz-Museum Stuttgart