



**\*PhD position in agricultural and resource economics\***

A two-year PhD position in agricultural and resource economics is currently available (starting as soon as possible) at the University of Natural Resources and Applied Life Sciences Vienna (Universität für Bodenkultur Wien) within the EU-FP7 collaborative research project ccTAME (Climate Change – Terrestrial Adaptation and Mitigation in Europe). The project is focusing on policy assessments of efficient mitigation and adaptation strategies in the major land-use sectors of the EU (i.e. agriculture, forestry). The project is funded by the European Commission and coordinated by IIASA (International Institute of Applied System Analysis – <http://www.iiasa.ac.at/>).

The primary objective of this individual project is to build a spatially explicit land use optimisation model that integrates outputs from bio-physical process models. She/he will collaborate with project partners to build the model by using the GAMS software package (General Algebraic Modeling System - <http://www.gams.com/>). The economic land use optimization model will integrate environmental and production impacts simulated by bio-physical process models (e.g. EPIC - <http://www.brc.tamus.edu/simulation-models/epicapex.aspx>). The later models are applied for different agricultural land use (i.e. food and non-food, etc.) and management (i.e. fertilizer and irrigation regimes, tillage systems, etc.) options as well as climate scenarios at the EU scale.

The candidates should have a Master in the field of agricultural, environmental or resource economics with experiences in economic land use optimization modelling (i.e. at farm, regional or sector scale). Backgrounds in natural sciences particularly in agricultural production are advantageous. Skills in mathematical programming, management of large datasets, applying a statistical software package (e.g. SAS), and English are required.

Applicants should e-mail a CV, a short summary of previous research, a letter explaining why she/he is interested in this research and contact details of three references to [eva.krickler@boku.ac.at](mailto:eva.krickler@boku.ac.at) until 20<sup>th</sup> October 2008. Only suitable candidates will be invited to a personal conversation. All applicants will be notified if a successful candidate has been found. For further information please contact Dr. Erwin Schmid via email: [erwin.schmid@boku.ac.at](mailto:erwin.schmid@boku.ac.at) or phone: +43 1 47654 3653.

BOKU seeks to increase the proportion of women and encourages qualified women to apply for this position.