



Climate Education at the University of Hamburg

Oliver Dilly, Detlef Stammer, and Eva-Maria Pfeiffer

Universität Hamburg, KlimaCampus, School of Integrated Climate System Sciences, Hamburg, Germany
(oliver.dilly@zmaw.de)

The new graduate School of Integrated Climate Sciences (www.sicss.de) at the KlimaCampus of the University of Hamburg was opened at October 20, 2009 and includes a 2-yr MSc (120 ECTS, 30 compulsory, 90 eligible) and 3-yr doctoral program (12 ECTS). About 40 students were enrolled in early 2010. The interdisciplinary MSc program is based on a number of disciplines such as meteorology, geophysics, oceanography, geosciences and also economics and social sciences. These disciplines are required to address the faced key issues related to climate change effectively. The graduate school is guiding pupils and BSc students with competence in maths and physics on how to become a climate expert. Acquisition is done internationally at fairs, uni days and directly at schools and intuitions for higher education. BSc degree in the disciplines listed above is set for positive application.

Climate experts are needed for both research and the professional world outside the university and research institutions. In accordance, connection within and outside the university are continuously explored and soft skills for the communication to politics and the public's are included in the MSc and PhD curricula. Since the graduate school was established within the cluster of excellence 'Integrated Climate Analysis and Prediction' (www.clisap.de), this school represents a prototype for graduate programs at the University of Hamburg. Advantages and limitations of this Climate System School concept will be discussed.