Global Land Use Dynamics

Master – Winter Term (Wintersemester)
The course will be given in English

Modul MSc3: Global Land Use Dynamics (Pflicht)			Study Points (SP): 10
Students have acquired a sound understanding of the role of land use in the earth system and as a driver and outcome of global change, as well as the close link between land use and key current sustainability challenges. Students are familiar with the theoretical foundation and methodological tools to analyze land systems and their dynamics across scales and in an integrated fashion. Students have deepened their skills to understand and assess the primary literature, and to summarize and critically discuss research results. The course participants are able to develop their own research questions and to develop and presents concepts to assess these questions.			
Prerequisites: none			
Type	**SWS**	**Workload (SP)**	**Topics**
SE (Seminar)	2	120 hours (4 SP) 25 hours in the classroom, 95 hours preparation, exercises and readings	Course participants will attain a knowledge base on: - The history of land use change and possible future land use trajectories - Underlying drivers and determinants of land use change - The importance of land use for human societies, especially in the context of food security - Impacts of land use change from global to local scales - Systemic changes in the global land system: rising urbanization, increasing decoupling of places of consumption and production, rising land competition, land grabbing - Theoretical foundation of and knowledge generation in Land System Science
SE (Computer Seminar)	2	120 hours (4 SP) 25 hours in the classroom, 95 hours preparation, exercises and readings	Course participants delve deeper into the topcis discussed in the SE, using case studies on aspects of global to local land-use change that students will work on independently and reflect on critically. A focus will be on assessing alternative methodological approaches to analyze land systems across scales and in different regional contexts.
Final exam		60 Stunden (2 SP)	The final examination (written exam of 90mins OR oral exam of 30min OR report of about 10 pages) will be based on the content of the seminar.
Duration	☒ 1 term	☐ 2 term	
Start	☒ Wintersemester	☐ Sommersemester	