Chinese Agriculture in 2030: Impacts on Trade, Society, and Environment

Dr. Laixiang Sun
Professor & Chair
Department of Financial & Management Studies
SOAS, University of London

October 13, 3:30-5:00
LeFrak Hall, Room 1124
University of Maryland, College Park

Meet & Greet session with Dr. Sun, 3:00-3:30
Light refreshments will be served

Food security of China has significant global implications. To address the future challenges, Dr. Sun developed a spatially explicit general equilibrium model that comprehensively depicts China’s farm sector in 2,885 counties, while connecting them through trade and transportation flows. His modelling simulation indicates that China will be able to feed itself with grain, but will need to import meat and livestock feed to satisfy its new demand for protein. Dr. Sun will discuss key challenges that lie with income disparity between rural and urban people and the increasing environmental risks from excessive fertilizer use and possible mishandling of manure.