

Global Change and the Developing World: Ecosystem & Societal Impacts, Adaptation and Mitigation

This course will investigate the potential impacts of global change on climate, ecosystems and societies in the developing world where access to technological and financial solutions are limited. We will focus on how changes in rainfall, temperature and other climatic variables in Africa, Asia and South America will impact natural, pastoral and agricultural communities and landscapes, and lead to changes in productivity, cropping patterns, food security and economics. Students will analyze how climatic and anthropogenic change will likely influence land use, water resources, human health and equitability. The class will seek to develop an in-depth understanding of likely trends in ecological and social wellbeing in less developed countries, and contrast these to likely trends in more affluent regions of the world where resources are likely to be available to mitigate and adapt to changing conditions.



Instructors: Drs. Julia Klein and Niall Hanan

We invite students from various disciplines to enroll in this class.

The first class meeting will be Jan. 21 at 4 pm in NR 201; we will determine our regular meeting time at the first meeting.