EVENT SERIES: GLOBAL MIGRATIONS

Climate Action Game Experiment (CAGE)

WEDNESDAY, OCTOBER 23
MAIN LIBRARY, ROOM 106
12 - 1PM

PROF. CLIFF SINGER, ACDIS FACULTY

Featuring:

Nuole (Lula) Chen, PhD candidate in Political Science
Chenghao Ding, PhD candidate in Nulcear, Plasma, and Radiological Engineering
Ryan Sriver, Associate Professor of Atmospheric Sciences
Bei Yang, PhD candidate in Economics

CAGE studies how climate change feeds back on human policies. It includes global heat and greenhouse gas balance and econometrically calibrated models of the evolution of up to 16 country groups' per capita consumption. Results are analyzed with and without new policies aimed at controlling the rise of global average temperature and/or atmospheric carbon dioxide concentration. Both game theory and interactive simulations of policy negotiations are in progress to improve the theoretical and experimental basis for extrapolating human response to climate change.

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