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## Abstract

### **A model-based policy exercise to examine climate migration policy in Europe**

Europe is facing challenging policy questions related to climate-driven migration, including whether a new classification of 'environmental refugees' should be instituted to take account of Europe's responsibility for climate loss and damage in the developing world, or climate justice. This presentation examines this and other questions within the Austrian context. A scenario- and model-based policy exercise has been developed where participants play the roles of political parties in Austria who take strongly differentiated positions on migration issues. The policy exercise is based on an agent-based model that analyzes the economic consequences of Austrian climate-migration scenarios up to 2024. The specific case is migration from the MENA region driven by drought and locust infestations, which aims at reaching compromises on migration policy propositions including reform of the European legal framework. The goal of the policy exercise is to ensure stakeholder experiential learning through participatory processes that can inform their real-world decisions. This exercise can also be effectively applied to other countries for simulating localized decision-making processes concerning future climate migration scenarios. This presentation will illustrate the scenario and model-based game play as well as report on results involving mainly students.