

USING A CLIMATE MODEL IN TEACHING: THE EN-ROADS CLIMATE SIMULATOR FOR UNDERSTANDING CLIMATE SOLUTIONS

Princeton School District Office (25 Valley Road, Princeton, NJ)

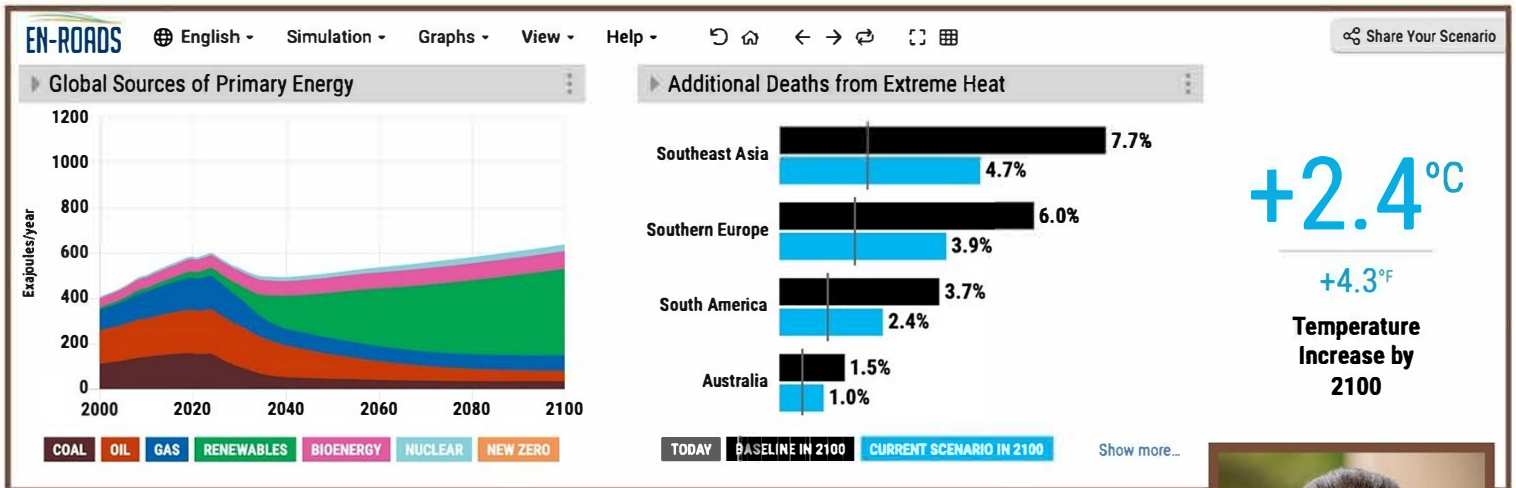
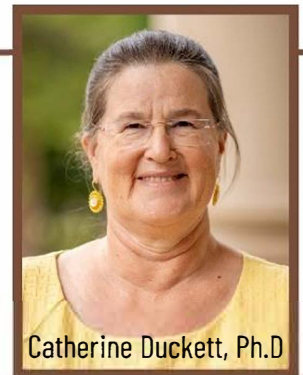


Fig. 1: The En-ROADS control panel above demonstrates the impact to global sources of energy and deaths resulting from extreme heat when policy changes are made to highly increase energy efficiency, raise carbon pricing, and to subsidize electrification.



This session will focus on climate solutions using the En-ROADS model (Energy- Rapid Overview and Decision Support). En-ROADS is a tool that uses a slightly simplified version of the climate model used by the United Nations to help users understand the impacts of different climate solutions. In this session, Dr. Duckett will lead the participants in an activity that can be used directly in classrooms, and discuss how to leverage the tool for learning and other potential activities. En-Roads provides materials for teachers to use in their own classrooms. Some of these materials will be provided to registrants prior to the session. Come prepared to save life on the planet and negotiate with other participants to do so!