Do You and Your Students Want to Delve Deeper into Real-World Challenges such as Climate Change?

JOIN US at DynamiQue*ST* to participate in the World Climate Simulation

March 15, 2019 at WPI

World Climate is an interactive simulation created at MIT and used internationally to simulate world climate negotiations. At **DynamiQue*ST***, middle and high school students will work in teams representing regions from across the globe and negotiate commitments that will reduce the impact of climate change. By employing current science and computer modeling, students will see the long-term effects of their team's policies in real-time. The system dynamics model, **C-Roads**, that is the basis for this simulation is being used in worldwide climate negotiations.

What Are The Goals Of DynamiQue*ST*?

- Experience the World Climate Simulation, based on a system dynamics model, and used around the world to understand the issues surrounding climate change
- Apply practical critical thinking tools to a real-world problem
- See student projects that apply critical thinking using systems thinking and system dynamics (ST/SD)
- Meet students from other communities

Who Will Be There?

Students (Grades 7-12) will participate in the simulation and utilize critical thinking tools to analyze strategies and communicate their ideas. Expert teachers will facilitate the World Climate simulation. Teachers and parents are invited to attend. **NO experience needed!**

Schedule For The Day

8:30-9:00 - Arrival, Registration, and Light Breakfast
9:00 Welcome and Opening Remarks
9:15 World Climate Simulation
11:00 See poster presentations of student work using Systems Thinking
12:00 Lunch
12:30 Systems Thinking Games and Debrief
2:00 Depart WPI

How Do I Sign Up?

Register at the CLE website (http://www.clexchange.org/news/dynamiquest/) or email the director, Lees Stuntz (stuntzln@clexchange.org) Phone: 978-635-9797.

DynamiQue*ST*: A showcase of the power of simulations and creative student projects that utilize critical thinking skills to analyze complex dynamic systems.

March 15, 2019
9 am-2 pm
Odeum A, B and C
Worcester Polytechnic Institute