Who Will Be There?
Students (ages 12-18), teachers and parents will participate in the simulation and learn to utilize some of the tools of system dynamics and systems thinking to analyze and clearly communicate critical thinking. Coaches will be there to facilitate both the simulation and the presentation of student projects.

SIMULATIONS FOR REAL–WORLD CHALLENGES

DynamiQueST is a showcase of the power of simulations and creative student projects that utilize critical thinking skills to analyze complex dynamic systems.

JOIN US to play the World Climate Simulation created at MIT and used internationally to facilitate current world climate negotiations.

SEE HOW systems thinking and system dynamics (ST/SD) can elucidate both global issues and curricular content.

What Are The Goals Of DynamiQueST?

• Experience the World Climate Simulation, based on systems thinking, 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 embody critical thinking using systems thinking and system dynamics (ST/SD).
• Showcase student work for the wider community.
• Meet students from other communities
• Have some fun and celebrate with kids!

How Do I Know If DynamiQueST Will Fit My Students?

Do you and your students want to delve deeper into real-world challenges such as Climate Change?

JOIN US ON MARCH 17, 2017!
NO experience needed!
Schedule For The Day

- **9-11:30** – World Climate Simulation.
- **11:30-12:45** – Lunch and opportunities to talk with students who use systems thinking and system dynamics tools in their work.
- **12:45-2:45** – Debrief of World Climate Simulation using systems thinking tools to create critical thinking and practical approaches.

Projects From Previous Years:

- What to Do About Avian Flu?
- Global Water Supplies
- Over-Fishing and the Decline of Cod Population
- Deforestation of the Mekong Watershed and the Impact on Rice Crops
- Urban Development of Williston, Vermont: Impact on Local Vermont Indicator Species
- ...and many more!

Who Are The Coaches?

1. Professionals well versed in analyzing complex systems using the tools and methods of ST/SD
2. Teachers who have used ST/SD in their classrooms for years.

How Do I Sign Up?

Check the Creative Learning Exchange website ([www.clexchange.org/dynamique](http://www.clexchange.org/dynamique)) or email the director, Lees Stuntz (see below).

1. If your students are already using ST/SD in their work, identify project(s) to share about topics that change over time. Look at the rubrics document on the DynamiQueST section of the CLE website. ([www.clexchange.org/dynamique](http://www.clexchange.org/dynamique))

2. If you are new to working with systems and don’t have projects to share this year, just come and join us. Experience the day and mostly enjoy what students can do! If you want some background in systems thinking and system dynamics, explore our website ([www.clexchange.org/gettingstarted](http://www.clexchange.org/gettingstarted)).

3. Cost for the day: $25 per person, including lunch. Bring a full car- $100 for 5 participants!

Creative Learning Exchange
Lees Stuntz (stuntzln@clexchange.org)
Phone: 978-635-9797
www.clexchange.org