



## **APRU STUDENT GLOBAL CLIMATE CHANGE SIMULATION 2022**

### **OVERVIEW:**

This activity is organized by the APRU Global Health Program at the University of the Southern California and the APRU Sustainable Cities and Landscapes Program at the University of Oregon. The APRU Student Global Climate Change Simulation is a roleplaying exercise in which students will form multi-country, multi-disciplinary teams to play the role of delegates to the UN Climate Change Negotiations.

### **PARTICIPATING UNIVERSITIES:**

- University of Melbourne (Australia)
- University of Sydney (Australia)
- Peking University (China)
- Universidad de los Andes (Colombia)
- Universidad de San Francisco Quito (Ecuador)
- Fiji National University (Fiji)
- Chinese University of Hong Kong (Hong Kong)
- Hong Kong University of Science and Technology (Hong Kong)
- Tohoku University (Japan)
- Korea University (Korea)
- University of Malaya (Malaysia)
- University of Auckland (New Zealand)
- Nanyang Technological University (Singapore)
- National University of Singapore (Singapore)
- National Taiwan University (Taiwan)
- University of Oregon (US)
- University of Southern California (US)
- University of Washington (US)

A total of 180 students will participate from 18 universities in 13 economies. Students will be assigned to international teams (students from various universities) of 10 members each. Teams will be assigned one of 6 countries/regions for the simulation (EU, China, India, US, other developing countries, and other developed countries). There will be three groups of 60 students in each group. Each group will each have their own breakout rooms (green, blue, orange groups).

### **DATES:**

**KICK-OFF:** May 31 from 6-8:30pm pacific/June 1 from 9-11:30am Hong Kong (last 30 minutes is meetings in groups to get acquainted)

**DAY 1:** June 14 from 6-8:30pm pacific/June 15 from 9-11:30am Hong Kong

**DAY 2:** June 28 from 6-8:30pm pacific/June 29 from 9-11:30am Hong Kong

### **LEARNING OBJECTIVES:**

- Describe what contributes to climate change
- Explain global climate change efforts, such as the Paris Agreement, the UNCCC and the COP
- Identify adaptation and mitigation strategies and which will have the most impact on global temperatures
- Explain how/why climate change affects the most vulnerable populations and why it is an issue of social justice
- Practice global team-work and cross-cultural collaboration and communication skills
- Discuss the complexity involved in countries' decisions, including consideration of factors such as economic impact, negotiating power, etc.
- Describe the challenges of negotiations among countries on issues such as climate change and the importance of global collaboration

### **SCHEDULE:**

The total course time of 15 hours includes 7 hours of online live sessions, combined with approximately 3 hours of self-paced online homework and approximately 5 hours of group work.

An event program will be provided. We will begin the activity with a “kickoff event” of 2.5 hours to welcome and orient students through short talks by high-level speakers. Then, over two sessions of 2.5 hours each (two weeks apart), we will hold an online simulation activity using materials from the World Climate Interactive and the EN-ROADS simulation model developed by MIT. These live sessions will be supplemented with short lectures and other materials developed and curated by the APRU experts, which will be available on a shared Canvas website.

Over 3<sup>rd</sup> rounds of discussions and negotiations, teams will participate in breakout room discussions facilitated by international experts in climate science. In addition, teams will hear perspectives from experts on topics such as coastal habitats, deforestation, clean energy, trading and offsets, and diplomacy and negotiation skills. Teams will discuss the human and environmental effects of climate change, as well as the economic impact that countries/regions consider in determining their position and global commitments.

Students who successfully complete the course will be given a certificate of participation.

### **FACILITATORS:**

We will hold an orientation for facilitators on **April 18 from 6-7pm pacific, which is April 19 from 9-10am Hong Kong time**. New facilitators must attend; those who participated last year are not required to attend but are invited.

We will also be providing speakers, facilitators and students with a written facilitator guide and program.