A Warming Planet: What sets the Earth’s temperature?

Come explore the science behind global warming through hands-on activities and experiments that will take you from the clouds to the ocean and to parts of the light spectrum that we cannot see with our eyes! We will learn what has happened, what is happening, and what may happen on our warming planet and learn what choices we can make in the future.

Volunteers

Chris Terai

Ziming Ke

Jiwoo Lee

Yan Lops

Minda Monteagudo

Agenda – what the day would look like

Quick schedule of event

Quick schedule of workshop

Demos

Carpooling

To dos:

Intro slides (for climate)

Intro slides for individuals

Check IR thermometers at library + Safety goggles (Jiwoo)

Update presentation visuals (Jiwoo)

Buy balloons (Ziming)

Jug for recombining (Minda)

Extra pH indicator (Chris)

Straws (Yan)

Coordinate carpools over email

Email Chris intro slides (everyone)

Demos:

Ocean acidification:

Minda and Ziming (requires pH indicator, balloons, straws)

IR demo (requires charging the IR cameras)

Cloud in a bottle demo (check all pumps have stoppers)