



National Aeronautics and
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EXPLORE SCIENCE

GLOBE Observer featured at Climate Impact Event, Penn State Brandywine

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Using GLOBE Observer to Communicate Climate Change

An all-day Climate Impact Teach-In event was held September 16, 2019 at Penn State Brandywine. Along with talks connecting climate change to sustainability, environmental equity, and business issues, GLOBE Observer was presented as a tool for monitoring local changes in the Earth system.

Dr. Rusty Low, Institute for Global Environmental Strategies and science lead for GLOBE Observer Mosquito Habitat Mapper, presented *Climate Change, Mosquitoes and Vector-borne Disease*. Two, hour-long sessions were offered on monitoring global change using GLOBE Observer, (one on Land Cover, the second on Mosquito Habitat Mapper), both sessions including outdoor hands activities on using the GLOBE Observer app.

Dr. Laura Guertin, Penn State Brandywine, hosted the event, and a lunchtime STEAM session gave students opportunities to participate in creative exploration of climate change topics (a Haiku wall, color-in graphing of temperature anomalies, and exhibit including a Project Drawdown quilt and knitted climate anomaly graph). The GLOBE *Zika Zine* was a popular table, and students had fun creating their own Zines and folding mosquito quiz fortune tellers.

Host Dr. Laura Guertin and Dr. Low are both fellows in AGU's Voices for Science initiative, which provided funding for the event. As Voices for Science Fellows, Guertin and Low are exploring ways to engage the public in science through non-traditional means, including storytelling, art, and participatory media.

Approximately 75 undergraduate students and faculty members attended each session.

<https://brandywine.psu.edu/story/10591/2019/09/20/brandywine-hosts-daylong-event-highlighting-climate-science-education>

