



National Aeronautics and
Space Administration

A vibrant space-themed background featuring a large, bright yellow sun in the center, surrounded by various celestial bodies including Jupiter, Saturn, and Earth. A glowing orange comet streaks across the scene. The background is filled with stars and distant galaxies.

SCIENCE MISSION DIRECTORATE

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April 4, 2018

GLOBE Observer Mosquito Habitat Mapper Brazil GO Mosquito Challenge Campaign

The GO Mosquito Challenge is funded by USAID's Combating Zika and Future Threats initiative, and engages students and teachers to use NASA's GLOBE Observer (GO) Mosquito Habitat Mapper to reduce the risk of Zika in their communities. Dr. Russanne Low, Institute for Global Environmental Strategies (IGES) is the USAID PI, co-leading the Brazil field campaign with Dr. Nadia Sacenco, GLOBE Brazil/AEB (Brazil Space Agency).

Spring 2018 Activities, March 14-29

- 3 virtual science fair award ceremonies - 11 award winning student projects conducted fall 2017
- 4 teacher workshops (65 teachers, 34 pre-service)
- 1 public health workshop (28 participants)
- Several meetings with public health (FIOCRUZ; PAHO; Municipal Public Health (São José dos Campos); U.S. Embassy (Brasilia) and US Consulate (Rio)
- 3 media events

Outcomes:

- Increased citizen science observations (over 4,000 sites)
- Partnership with AEB Space Camp facility
- Collaboration with FIOCRUZ (world-class public health research facility)
- Partnership with Mobile Mosquito Lab, Mathinos
- Grant to GLOBE teacher by US Consulate Rio, for her students to train students in 3 other schools to use GO MHM.

