

Special Seminar

Marilé Colón Robles

Visiting from NASA GLOBE Clouds

**800,000 cloud observations and growing:
discover a treasure trove of citizen science data**

Hosted by Noah Newman

**10 a.m. Tuesday, June 4
ATS 101**

NASA's Research Opportunities in Space and Earth Sciences (ROSES) 2019 call for proposals invites submissions to incorporate citizen science with a possibility to receive additional funding. The GLOBE (Global Learning and Observations to Benefit the Environment) Program is NASA's largest and longest-running citizen science program in the Earth Sciences. More than 34,000 schools and over 140,000 citizen scientists from 121 countries are in the GLOBE network. GLOBE has received 800,000 citizen science cloud observations since 2017, all made free to the public and available in near-real time. The GLOBE Clouds Project Scientist, Marilé Colón Robles, will present an overview of the GLOBE dataset – available to any ROSES 2019 proposal – and will hit dataset highlights including: cloud fraction, cloud types, contrails and aviation, dust storms, wildfires, solar eclipses, and co-location with satellite overpasses.

Marilé Colón Robles is the project scientist for NASA GLOBE Clouds and an education outreach coordinator at NASA Langley Research Center with Science Systems and Applications, Inc. Marilé works with educators and the general public on how to engage in real-world STEM activities through the GLOBE Program and develops research using citizen science data.