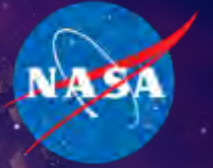


National Aeronautics and
Space Administration



EXPLORE SCIENCE

**Investigating GLOBE Air Quality from the Ground, to Clouds to
Satellites**

Angela Rizzi, NASA Earth Science Education Collaborative (NESEC)/LaRC

Dr. Margaret Pippin, NESEC/LaRC

February 5, 2021

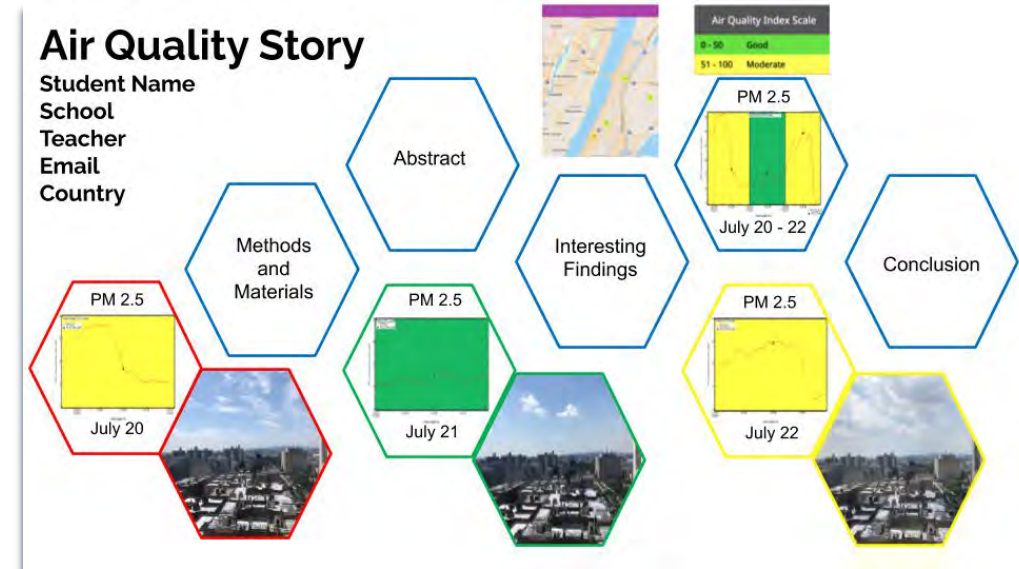
Investigating GLOBE Air Quality from the Ground, to Clouds to Satellites

Angela Rizzi and Dr. Margaret Pippin, NASA Langley Research Center, presented a four-part webinar series to support GLOBE student air quality investigations. The monthly webinars were held from November 2020 to January 2021 and included:

- How Do Clouds Tell an Air Quality Story?
- How do Satellites Add to the Air Quality Story?
- How do Ground Observations Enhance the Air Quality Story?
- How to Tell Your Air Quality Story.

There were 82 unique participants across the webinars, 13 of whom attended more than one webinar. In addition, follow up contacts were made with the EPA (exploring synergies for Air Quality resources using GLOBE and Purple Air PM_{2.5} data) and TransOptions, Inc. (a New Jersey non-profit organization that works with hundreds of schools). Support is also being provided to teachers, including one teacher with 95 students that are working on 23 student air quality investigations. The sample poster created (right) is available for GLOBE International Virtual Science Symposium (IVSS) student project resources.

Webinar recordings posted on the [Air Quality Webinars](#) playlist on the GLOBE Implementation Office Website.



Above: Sample Air Quality Investigation Poster