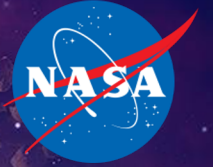


National Aeronautics and  
Space Administration



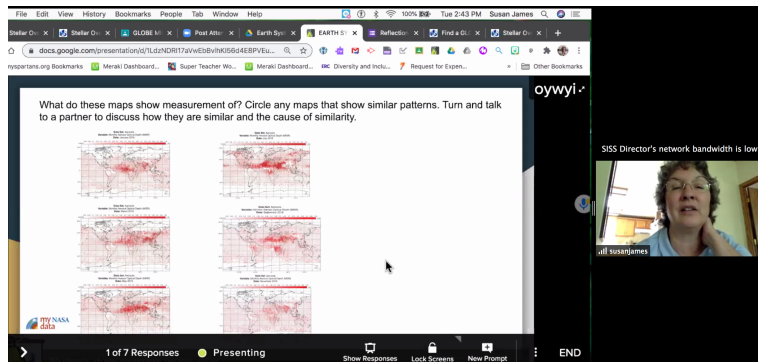
# EXPLORE SCIENCE

**LaRC Plays a Major Role in GME Elementary GLOBE  
Hybrid Professional Development  
Dr. Kevin Czajkowski, PI/University of Toledo  
08/11/2020**

# LaRC Plays a Major Role in GME Elementary GLOBE Hybrid Professional Development

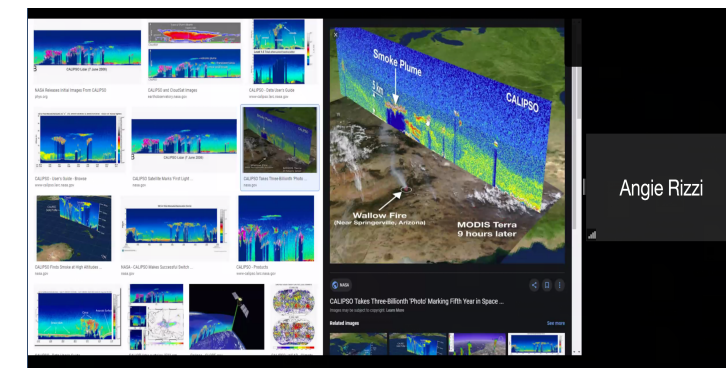
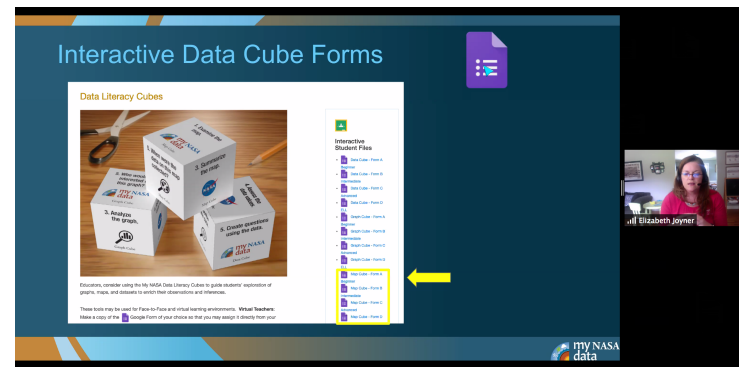
GLOBE Mission Earth (GME) provided professional development to teachers on Elementary GLOBE's *Do You Know Clouds Have Names?* and *What's Up in the Atmosphere?* NASA Langley shared their expertise in three sessions in the GLOBE Mission Earth's Elementary GLOBE Professional Development. On Monday (08.03.2020), Jessica Taylor welcomed the group on behalf of NASA and showcased her favorite NASA activities that are well matched to GLOBE and can be adapted for online learning. Elizabeth Joyner provided an overview of My NASA Data Resources including the Earth System Data Explorer, Data Literacy Cubes, and the Story Map on Aerosols on Wednesday (08.05.20). Angela Rizzi focused on background information on aerosols, the need to study them and "Up in the Air" activity in *What's Up in the Atmosphere?* on Thursday (08.06.2020).

GME collaborated with GLOBE Partner Susan James from Mansfield. Teachers collected and submitted air and surface temperatures and cloud data in the mornings on Monday and Tuesday. The rest of the PD occurred online using Google Classroom, interactive apps (available to teachers) and zoom. As a group, all discussed adaptations to online learning. Each teacher created a research poster and presented their posters on Friday.



Susan James adapted the Earth System Poster Set to an online activity

Elizabeth Joyner showcasing My NASA Data Cubes



Angela Rizzi informing teachers of the aerosols data being collected by NASA satellites



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