



National Aeronautics and  
Space Administration

# SCIENCE MISSION DIRECTORATE

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**NASA Educator Experience: Celebrating Earth Day**  
**with NASA Langley Subject Matter Experts**

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# NASA Educator Experience: Celebrating Earth Day with NASA Langley Subject Matter Experts



*Dr. Margaret Pippin spoke to educators about the GLOBE Air Quality Student Research Campaign.*

On April 23, 2018 twenty four educators from the local community participated in the Earth Day Educator Experience led by the Science Education team at NASA Langley. The day was centered on providing unique opportunities for educators to engage with NASA assets including viewing facilities, meeting Subject Matter Experts, and learning about NASA educational resources. The educators spanned across all grade bands (elementary, middle, and high school) and the majority of educators were from Title I schools. Three informal educators from local science centers and museums participated.



*Educators attended lecture by Dr. Patrick Taylor and participated in a special Q&A session.*

The educators spoke directly with researchers during the Earth Day science poster session, obtained educator resources from the team, and received GLOBE training on how to collect cloud observations with GLOBE Observer and matched their data with satellite data. Educators also attended Dr. Patrick Taylor's lecture "Taking Earth's Pulse: A guide to the 2017 Climate Science Special Report" and had a special Q&A session following the lecture.



*Educators became certified as GLOBE Teachers making Cloud observations using the GLOBE Observer app.*



*Educators learned about the facilities and research areas of NASA Langley through a Center tour.*