



## Using Kites and Sensors to Collect Local Data for Science with the NASA AREN Project

Join NASA's AEROKATS and ROVER Education Network (AREN) for a virtual experiential learning summer institute. This workshop and follow-up sessions are free to educators.

NASA uses remote sensing satellites to help scientists understand our environment. In this workshop you will learn how you and your students can collect your own remotely-sensed imagery to study our changing Earth.

**Dates: July 25 , August 1, August 8, 2024**  
**Times: 12:00 - 3:30 p.m. ET**

**Grades 5-12**

**Using NASA kite-based remote sensing systems called "Aeropods", you will learn how you can:**

- collect, analyze, and visualize your own remotely-sensed land-cover data;
- conduct field missions using NASA-inspired AREN operations and GLOBE (Global Learning and Observations to Benefit the Environment) protocols;
- incorporate AREN, GLOBE, and other NASA resources into your local curriculum;
- join a community with access to additional resources and NASA technology for studying our home planet in your classroom.

**Participants in the workshop will receive supplies, including the necessary sensors and kites for the training sessions and use in their classroom!**

Educators in this workshop will have the opportunity to participate in future professional development sessions throughout the year to reinforce and expand their knowledge, and gain access to additional classroom resources.

**If you would like to participate in this training, please complete the application at: <https://tinyurl.com/ARENSummer2024>**

**There are a limited number of spaces available, so please apply early!!!**

**The deadline for application submission is July 8.**

All applicants will be notified of acceptance status by email no later than July 11, 2024

Please contact [ogiemwl@resa.net](mailto:ogiemwl@resa.net) if you have any questions.



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