

NASA Applied Sciences | Space for U.S.

## MESSAGE FROM THE DIRECTOR



NASA

Wherever you are in the world, we hope you enjoyed Earth Day 2023.

<u>NASA celebrated Earth Day</u> by hosting a two-day, inperson event at Union Station in Washington, D.C. There were 20 hands-on activities and an opportunity to learn about the many ways NASA conducts Earth science.

An <u>online event</u> is available through May 5, which features videos and interactive science content, a kid-friendly fun zone, a scavenger hunt, and hundreds of downloadable resources.

If you haven't seen them already, you'll love the downloadable <u>2023 Earth Day poster and virtual</u> backgrounds.

Lawrence Friedl Director, NASA Applied Sciences Program

## **STORY HIGHLIGHTS**



# <u>NASA Langley Selected to Host New Disaster</u> <u>Coordination Program Office</u>

NASA officials have announced that NASA's Langley Research Center in Hampton, Virginia, will be home to the program office for the agency's Disaster Response Coordination System (DRCS).



#### MASA Data Tracks Veterans' Exposure to Smoke and Air Pollution

Researchers with the U.S. Department of Veterans Affairs (VA) are studying the health impacts of smoke and air pollution on post-9/11 veterans deployed to Southwest Asia, using NASA Earth observations.



Vince Ambrosia has been "putting out fires" at NASA for more than 42 years. He's an expert in studying wildfires using aircraft and satellites, and now he's hanging up his fireman's hat and retiring.

### Dispelling the Myths of Disaster Risk



NASA's Disasters program invites you to join us as we draw upon elements from traditional myths and stories to explore NASA's role in helping equip people, organizations, and communities around the globe to cope with them.





The Wildland Fires interns investigate every aspect of fire, from burn effects in the tundra to soil damage. Hailing from around the country, each intern worked independently and as part of a team to identify and solve challenges and conduct research.



### Brighter Neighborhoods Harm Human Health

A newly emerging field of study is connecting the bright lights of U.S. cities at night to poorer human health. While this light affects everyone's health, Qian Xiao and her team at UTHealth Houston School of Public Health, found that poorer, non-white neighborhoods are brighter.

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