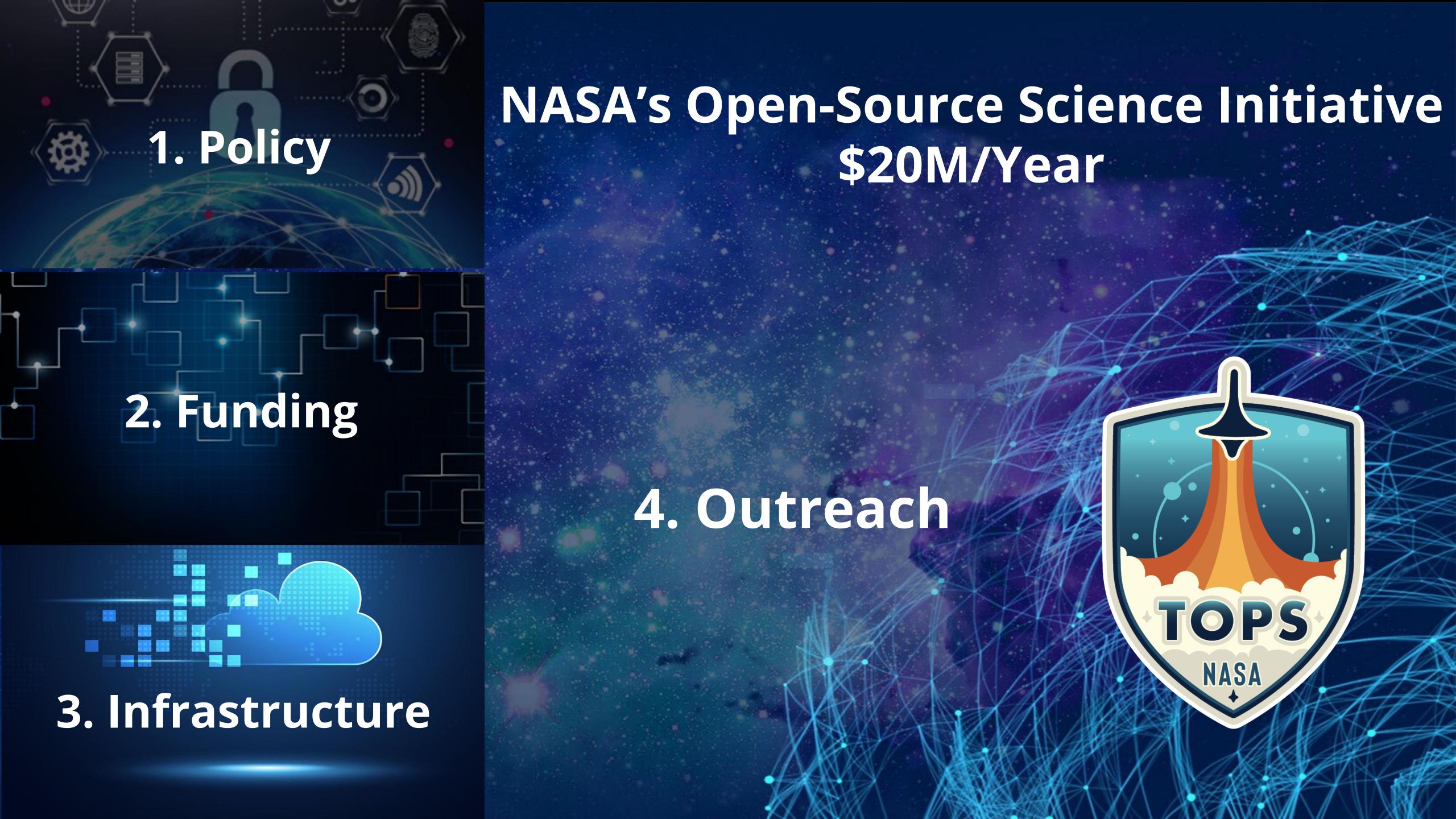
TOPS





National Aeronautics and Space Administration

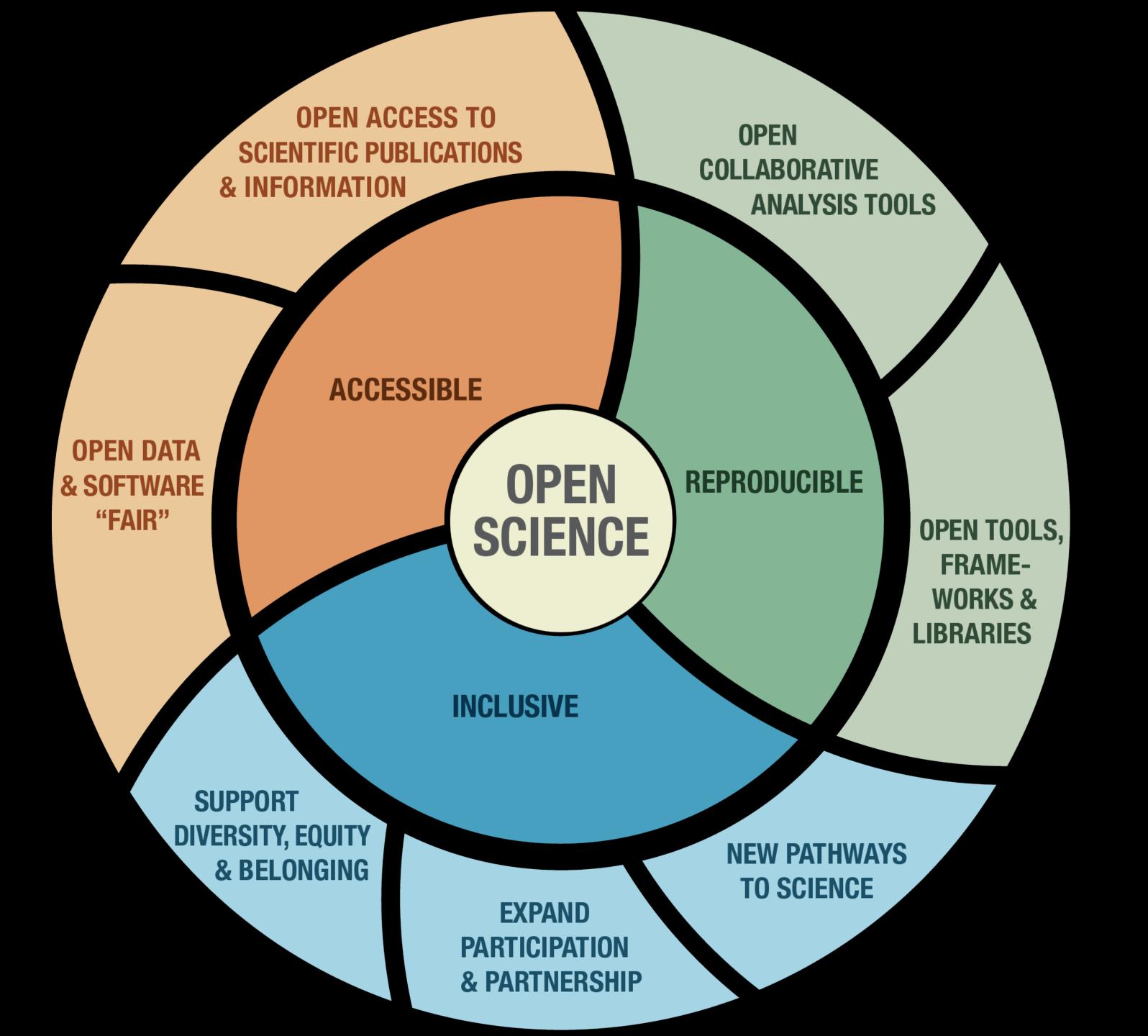


Dr. Chelle Gentemann, Science Lead Yvonne Ivey, Equity Lead Cyndi Hall, Community Coordinator Isabella Martinez, Content Coordinator Dr. Yaitza Luna-Cruz, CSDO Program Scientist Dr. Paige Martin, TOPS Program Scientist Dr. Sam Gabre, ARS, Science Advisor

Dr. Ryan McGranaghan, GSFC, Science Advisor

Kevin Murphy, Chief Science Data Officer SMD Katie Baynes, Deputy Chief Science Data Officer SMD Dr. Steve Crawford, Science Data Officer SMD Amy (Uyen) Truong, Chief Science Data Office Coordinator





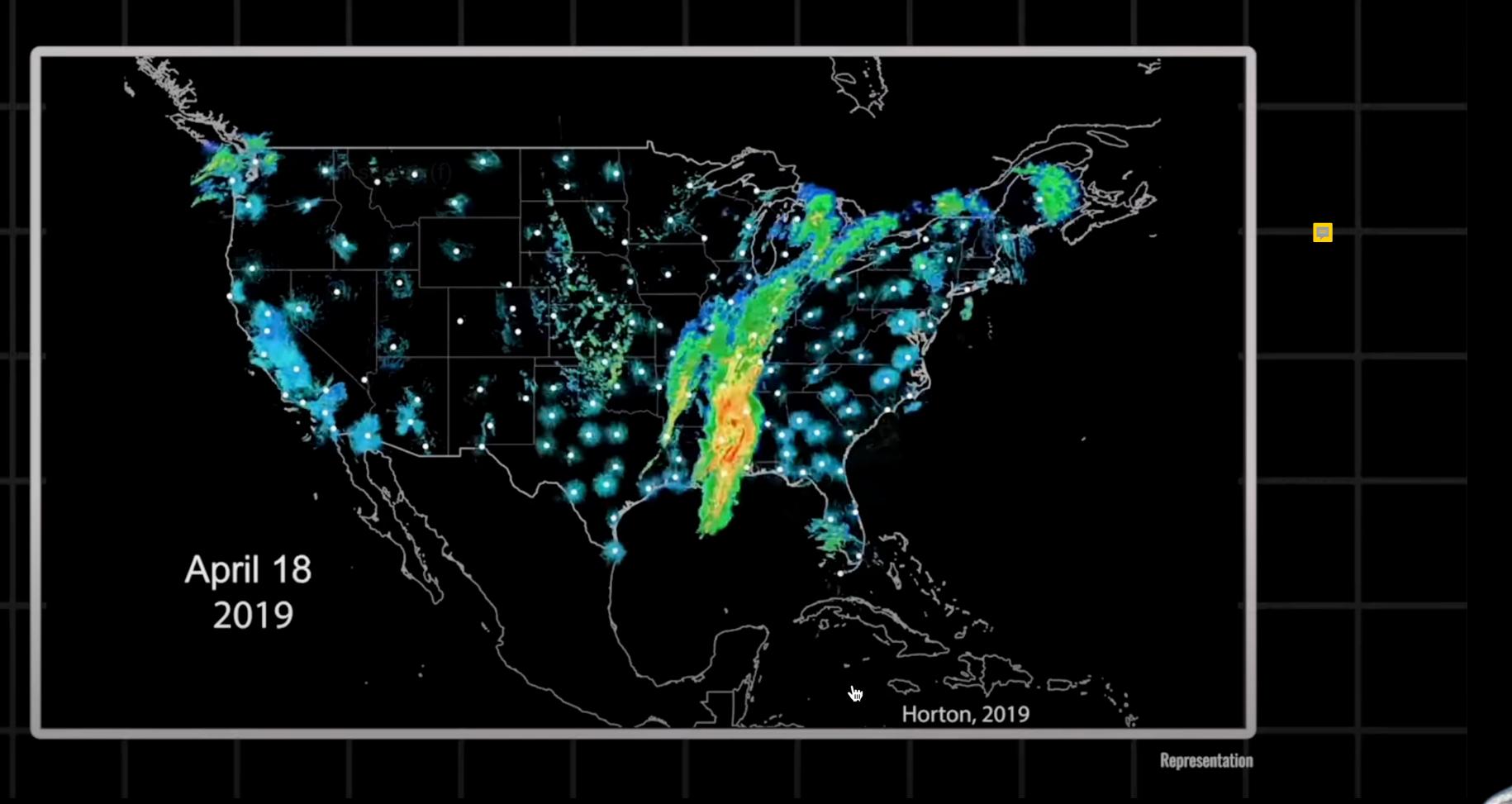
Open Science is Accessible, Reproducible & Inclusive

Creates research that is:

- Cited more
- Creates a bigger impact
- Increases transparency
- Generates more scholarly collaborations

Inclusive science means more:

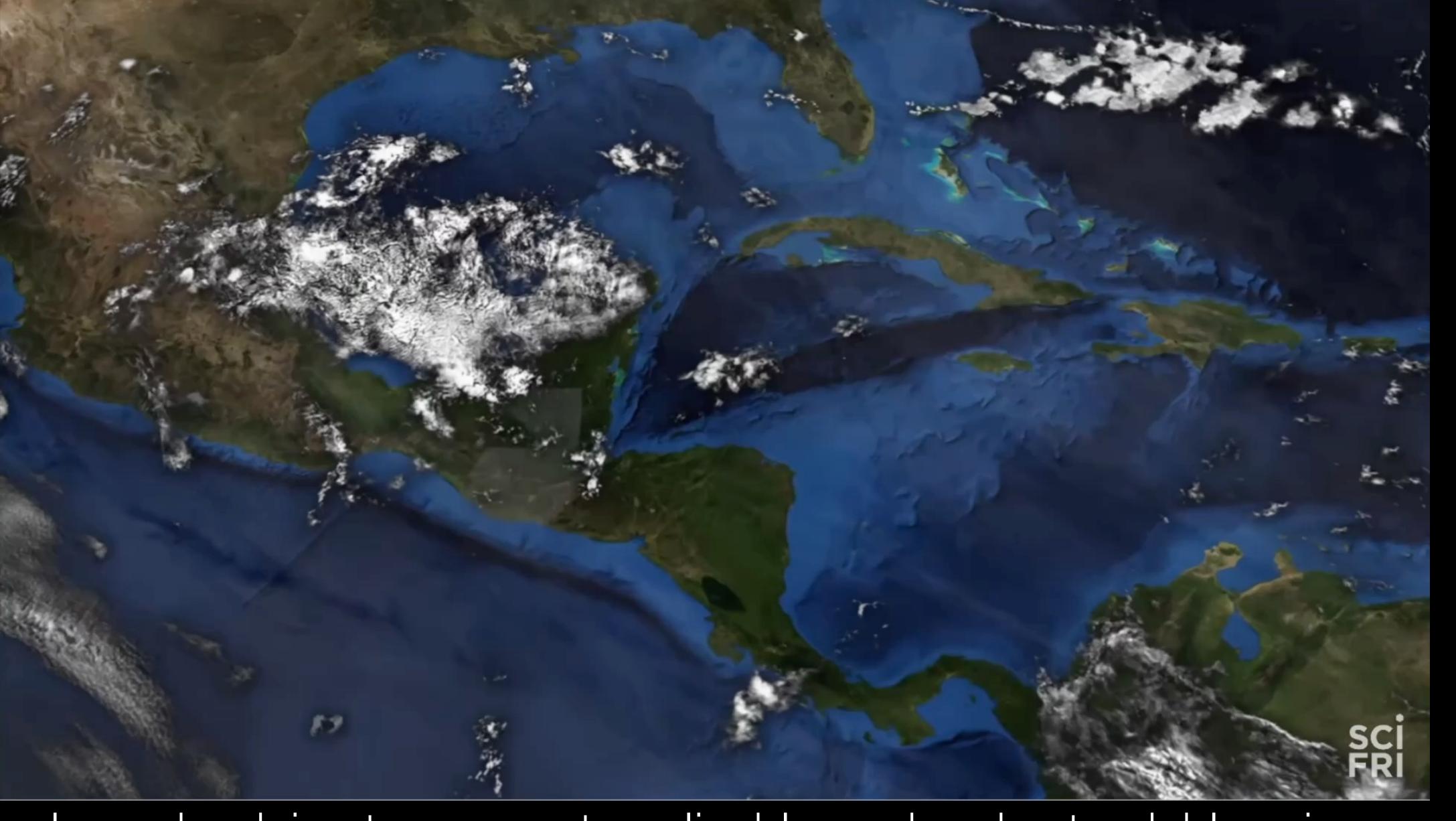
- Collaborative projects
- Access to 'hidden knowledge'
- Equitable Systems
- Participation



Birds are responding to droughts, climate change, environmental change, and seasonal queues





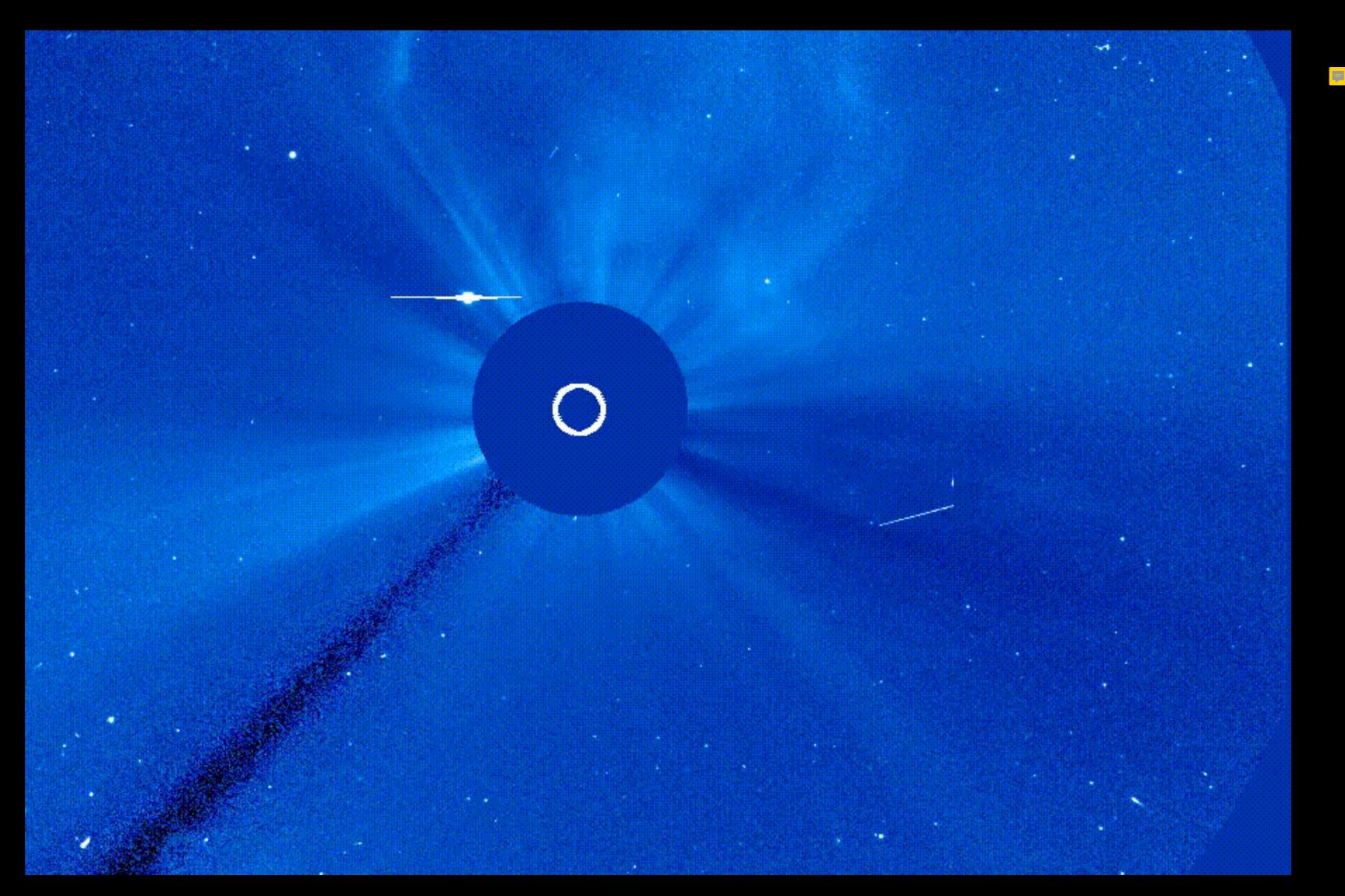




Africa Flores-Anderson Lake Atitlán Guatemala



The Sungrazer Project was formalized and organized by scientists, but was created by citizen scientists exploring open science data





4,600 new comets found in SOHO data

130 new comets found in STEREO data

First comet discovered in Parker Solar Probe data (Peter Berrett, Nov. '22)

NASA is looking ahead at really big challenges

We need *more* <u>WE</u> science rather than ME science¹ – openly sharing data, software, & results

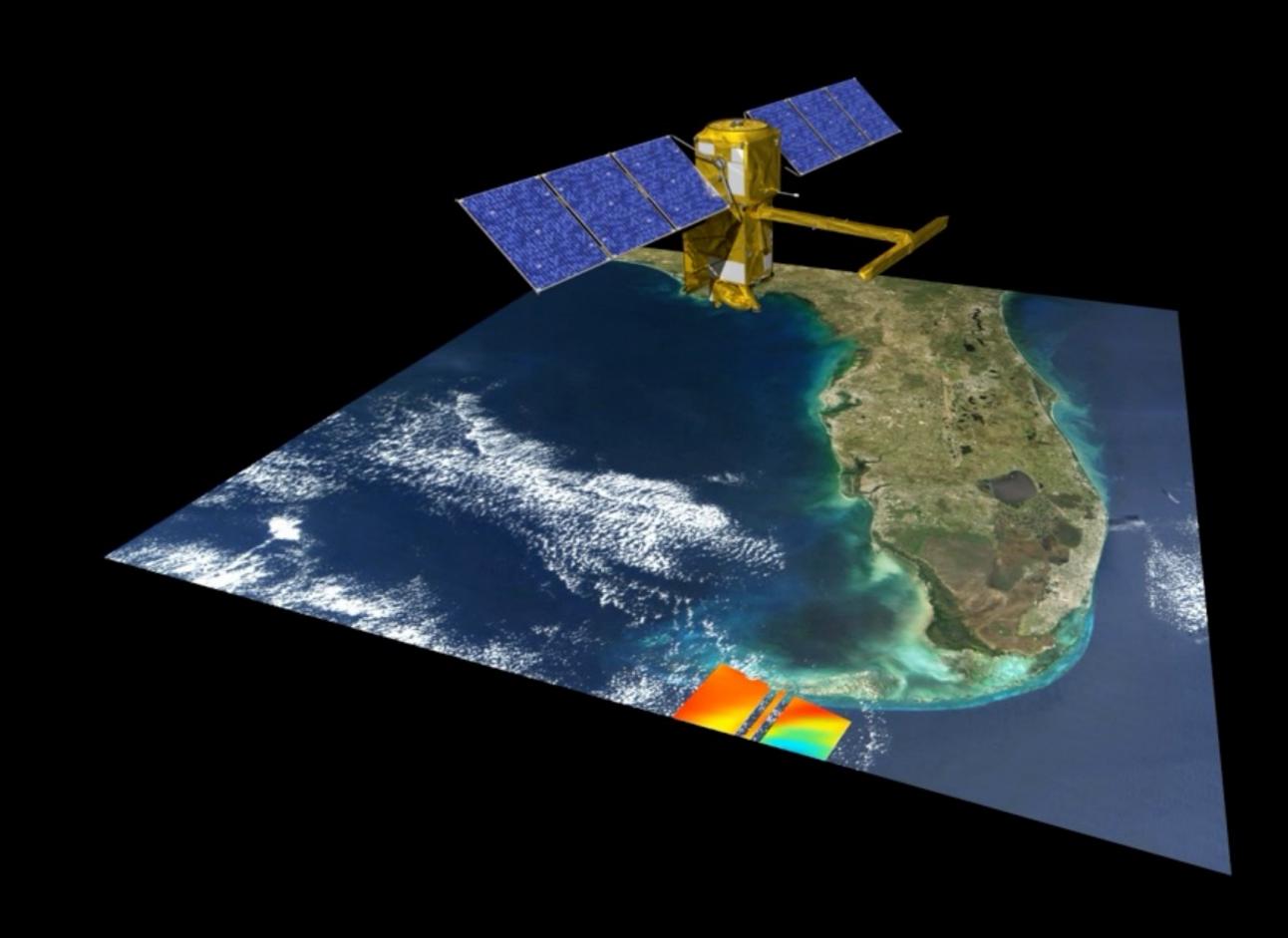
- Harlan Krumholz, Yale School of Medicine at 2022 CZI meeting



These observations of the aftermath of the crash show that DART was a resounding success.

We need *more* people - more hands, more eyes, more brains - with diverse experiences to participate so that we ask the best questions and find the best solutions





Join Us As NASA Embarks on the Year of Open Science

TOPS

NASA

The Year of Open Science is the spark to ignite the cultural shift towards collaborative, inclusive, and open science.

Strategic Goals:

- . Create a strategic plan for open science
- . Improve the transparency, integrity, and equity of reviews
- Account for open science activities in evaluation criteria
- Remove barriers to participation in science

See the Year of Open Science Cookbook for more ideas.





We need YOU!

TOPS Website



