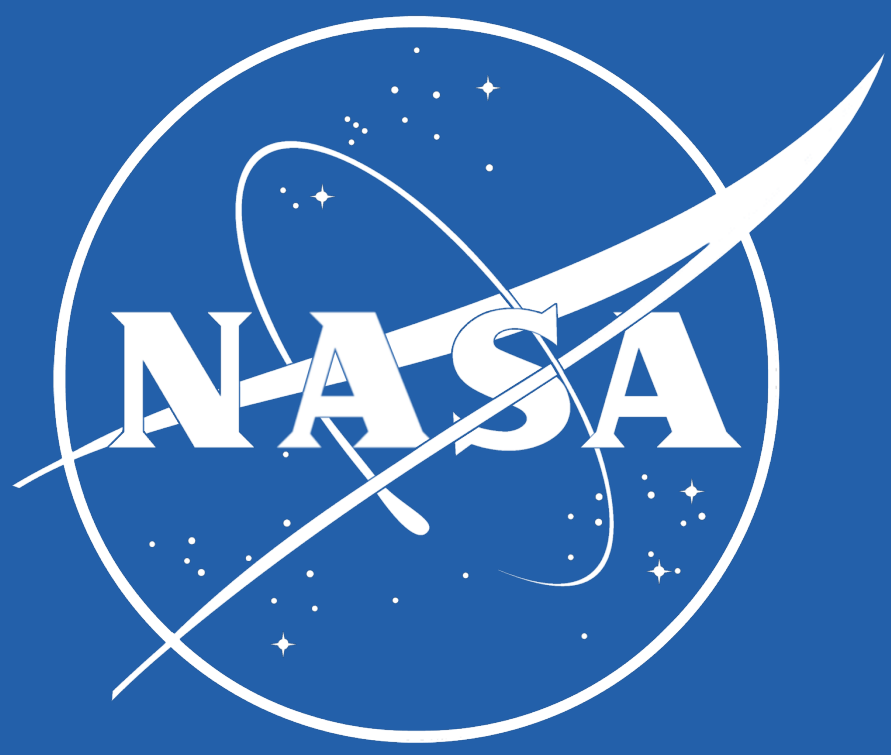




HAQAST Launch21

3rd Generation HAQAST



Tracey Holloway
University of
Wisconsin-Madison



Susan Anenberg
George Washington
University



Bryan Duncan
NASA Goddard
Space Flight Center



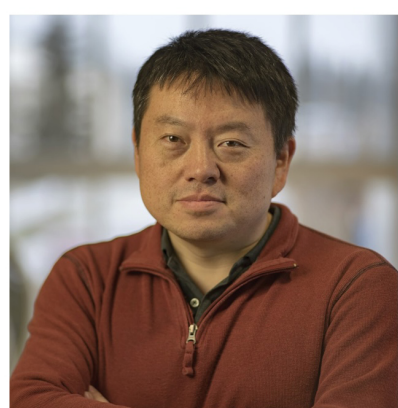
Arlene Fiore
Massachusetts Institute
of Technology



Pawan Gupta
NASA Goddard
Space Flight Center



Yang Liu
Emory University



Jinqiu Mao
University of
Alaska, Fairbanks



Randall Martin
Washington University



Jeffrey Pierce
Colorado State
University



Ted Russell
Georgia Tech
Research Corporation



Amber Soja
National Institute
of Aerospace



Daniel Tong
George Mason
University



Christopher Uejio
Florida State
University



Qian Xiao
University of Texas
Health Science Center
at Houston

- The 2021–25 HAQAST Team introduced itself at Launch21.
- Meeting highlights: introductions, new connections, goal setting for the next generation of HAQAST

An Evolving Mission

- HAQAST initially launched in 2011 as the Air Quality Applied Sciences Team (AQAST), followed by the 2nd generation HAQAST in 2016, and the 3rd generation in 2020.
- The current team has 14 members and 70+ coinvestigators who advance member projects, Tiger Team collaboration, and support broader outreach and response activities.
- HAQAST has evolved to increase work visibility for end users and to improve two-way dialogue to meet stakeholder needs.



HAQAST1:
2011-2016



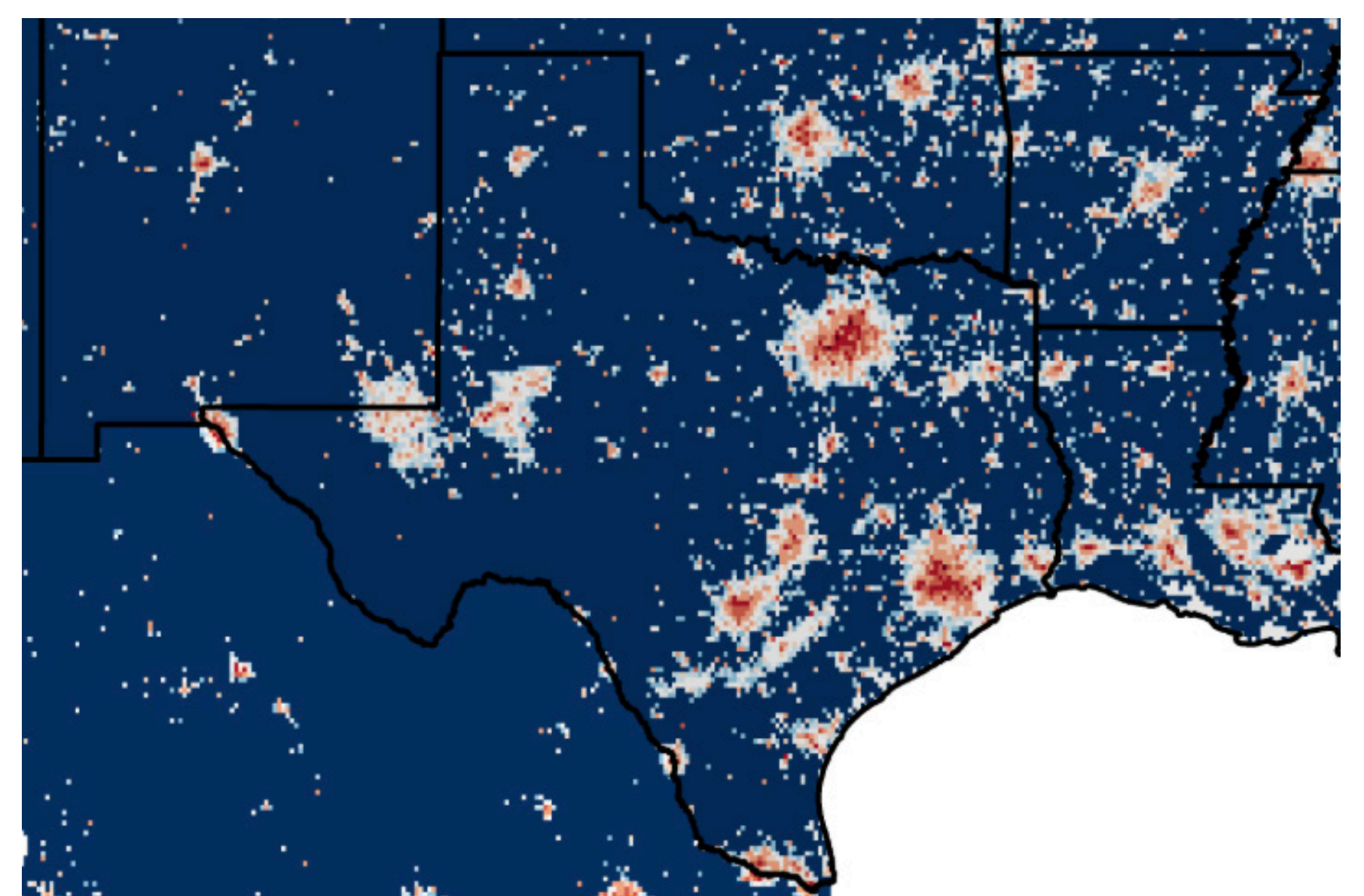
HAQAST2: 2016-2020
HAQAST3: 2021-2025

The evolution of HAQAST. Graphic presented by Tracey Holloway.

Research Highlights

- While air quality remains a strength of the 3rd generation HAQAST Team, new members also brought new focus areas.
- For example, HAQAST Member Qian Xiao studied the impact of artificial light at night (ALAN) on public health. Her work has developed toolkits to link ALAN with health outcomes, lifestyle risk factors, and population vulnerability indicators.

Learn more about
the meeting:



Raster from satellite image of ALAN over Texas in 2020 using VNP46A4 data product in NASA's Black Marble suite. R Shiny Dashboard by Xiao Qian.