SARA is a public-good, multi-stakeholder, pre-competitive forum to accelerate the development of scientifically validated common yard sticks for sustainable and regenerative agriculture.

**WHY A NASA INITIATIVE ON SARA?**

- Climate is changing.
- Food insecurity is growing.
- Soil is being degraded.

- Farmers need incentives & guidance to cultivate natural capital.
- Policy & agribusiness alike require quantitative metrics at scale.
- Satellite data provide deep time series & synoptic coverage to tell farm-to-global stories.

**WE NEED A ROBUST EVIDENCE BASE TO BUILD POLICY & EMPOWER DECISIONS.**

The time is short to empower agriculture to be a net carbon sink, and to help farmers build resilience to extreme weather events.

**WHAT DOES SARA DO?**

- Work with agricultural stakeholders to identify key knowledge priorities.
- Convene top scientists to answer key questions about agricultural land use: Which practices work where? **Tillage, Cover Cropping, Structural Conservation Management**
- What are their impacts, from field to watershed scales, and beyond? **Yield, C-sequestration, Water Quality, Resilience, Soil health**
- Develop map products of agricultural land use practices & outcomes.
SARA operates as a public private partnership, bringing together the best of industry and of science to advance sustainable agriculture practices and outcomes, now.

**BENEFITS TO SUPPORTING SARA**

- Support evidence-based policy, feed into ecosystem services markets, and empower farmer decision-making.
- Demonstrate a commitment to sustainability & fighting climate change.
- Support global food security.
- Pre-competitive forum to connect agribusiness like never before.
- Access the world’s top scientists on sustainability, remote sensing, soil health, and global change.

Contributions are tax-deductible.

**HELP REVOLUTIONIZE SUSTAINABLE AGRICULTURE.**

**SUPPORT SARA TODAY!**

NASA Harvest is NASA’s food security and agriculture program.

The multidisciplinary and multisectoral program’s core goal is to broaden the use of satellite-based Earth observations (EO) for assessing food security and crop productivity across the globe.

The SARA Research Consortium, led and implemented by the NASA Harvest Hub at the University of Maryland, is growing.

SARA operates as a non-profit within the UMCP Foundation. All outcomes serve the public good.