




Relating the vision since 1969.

**Collaborative.**



Through **field**, airborne, and space-based investigations, USRA scientists seek an understanding of the **integrated biophysical** and **ecological processes** that govern life on Earth.

Using **advanced modeling** and analysis, USRA scientists study the **interconnected exchanges** between Earth's energy, water, and carbon systems. Specifically, USRA research is focused on cloud cover; **air quality** and pollution concentrations; **human im-**

**pact**; land use, cover, and **surface temperature**; and rainfall and ocean temperature - all of which may have far reaching affects on the vitality and diversity of **terrestrial habitats**, disease transmission within **livestock** populations, and **public health outcomes**.

**BIOSPHERIC SCIENCE**

## WHO ARE WE?

USRA is an independent, nonprofit research corporation where the combined efforts of in-house talent and university-based expertise merge to advance space science and technology. USRA works across disciplines including **biomedicine**, **astrophysics**, and **engineering** and integrates those competencies into applications ranging from **fundamental research** to **facility management** and **operations**. USRA engages the creativity and authoritative expertise of the research community to develop and deliver sophisticated, **forward-looking solutions** to Federal agencies and other customers - on schedule and within budget.

