

SERVIR - Connecting Space to Village in Africa, Asia and the Americas

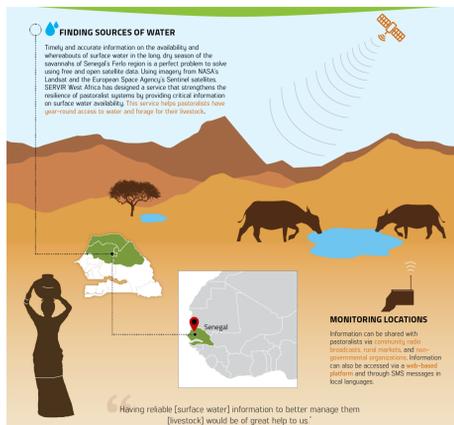


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SERVIR partners with countries and organizations to support locally led efforts to strengthen climate resilience, food and water security, forest and carbon management, and air quality.

SERVIR integrates NASA's world class science and data with USAID's development expertise and network of partners and relationships around the world. SERVIR harnesses the power of satellite data and science collaboration to support healthy, sustainable communities, livelihoods, and environments.

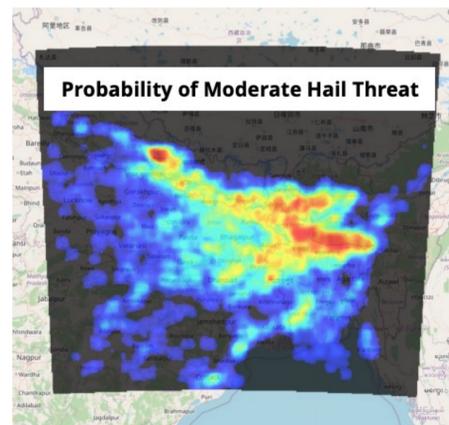
SERVIR in Action



In Senegal, herders guide their cattle to water during the dry season thanks to a service that interprets satellite data and relays the status of watering holes via text messages and local radio broadcasts.



In Peru, illegal mining causes deforestation and creates water and soil pollution. SERVIR partners use data and satellite imagery to help local authorities and community leaders address these problems.



In Bangladesh and Nepal, the countries' weather agencies are more capable of providing more reliable forecasts of flash floods, lightning and hail. These cost-effective early warning systems help save lives and reduce economic losses.

Power of the Network



SERVIR by the Numbers



SERVIR leverages US research investments and USAID's existing international infrastructure to maximize every dollar spent.

Thematic Service Areas

- Agriculture & Food Security
- Water Security
- Ecosystem & Carbon Management
- Weather & Climate Resilience
- Air Quality & Health

Acknowledgements & References

Hundreds of dedicated individuals and many institutions contribute to SERVIR every day. This work and these results are only possible because of SERVIR hubs (hosted at CIAT Alliance Bioversity, ICRISAT, ICIMOD, ADPC, and their many local and regional consortium members), SERVIR Applied Sciences Team, SERVIR Science Coordination Office at NASA MSFC, USAID Washington and Missions around the world, the SERVIR Support Team, and many other partners and collaborators. For more, see:

- <https://www.nasa.gov/servir/>
- SERVIR Strategic Plan 2020-2025, <https://servirglobal.net/resources/servir-strategic-plan-2020-2025>
- SERVIR Service Planning Toolkit, <https://servirglobal.net/resources/servir-service-planning-toolkit>

Who is SERVIR?



- 30+ Earth observing satellite missions, free & open data
- Major research portfolio
- Societal benefit from space
- Poverty reduction & resilience
- Data-dependent issues in data-scarce places
- International field presence

- ▶ Regional hub host institutions and consortium members
- ▶ Private sector collaborators
- ▶ US government collaborators
- ▶ Research collaborators from 20+ US universities & research centers