

# ED41E-1246: "Bringing Space to Village" SERVIR Global's STEAM Outreach and Learning Opportunities

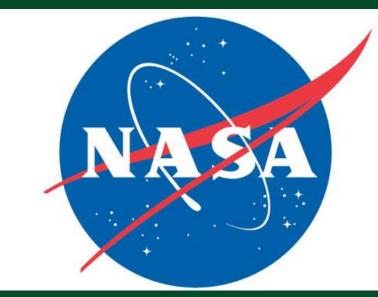


Plans for 2019

Strategic partnerships with education initiatives including

NASA GLOBE and the Network of Women, Science and

Technology in Niger to build a mentoring program



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# **SERVIR Strategic Gender Objectives**

- 1. Build women leadership and gender champions in SERVIR and create a working environment that give equal opportunity regardless of gender
- 2. Empower women and girls to explore STEM fields in the countries and regions where we operate
- 3. Integrate gender considerations within the service planning approach
- 4. Use remote sensing and GIS to address gendered development issues

By capitalizing on strategic opportunities and partnerships to support STEAM education and outreach in the regions where we work – focusing on underserved and minority communities wherever possible – we can reach people all over the world



Figure 1. SERVIR Global (photo credit: NASA)

# Acknowledgements

Many groups have contributed to these activities, including the U.S. State Department, World Learning, Girl Up, GLOBE, 4-H Kenya, and many more. We are eternally grateful for their support. We would also like to recognize University of Alabama in Huntsville Earth System Science Center, and the RCMRD, ICIMOD, CILSS AGHRYMET, ADPC and SERVIR teams for their support.

Figure 3 (right). SERVIR West Africa's in collaboration with **UNESCO** for STEM promotion



Figure 2. SERVIR Science Coordination Office Team Member helping kids at NASA in the Park (photo used with permission from Paula Link, NASA



Figure 4 (below). SERVIR West Africa's Mentoring



Figure 7 (above). The Himalayan Times, Sunday, July 8, 2018

Figure 5 (below). Reflections from the Empowering Women in GIT event at ICIMOD (photo credit: ICIMOD)

# **SERVIR Eastern and Southern Africa**

 Continue to support WiSci, and have target outreach towards young women at the Space Challenge events and at the RCMRD International Conference

# SERVIR Hindu Kush Himalaya

Targeted trainings towards women and girls in STEM

## **SERVIR Mekong**

Promote girls in STEM science fairs and other related events

SERVIR West Africa

### \_SERVIR Amazonia

Support incorporating gender considerations as the hub begins operations

# **SERVIR Science Coordination Office**

Bring gender considerations into existing outreach such as NASA in the Park, NASA Space Apps Challenge, WiSci, etc



Figure 8. SERVIR Science Coordination Office Team Member helping kids at NASA in the Park (photo used with permission from Paula Link, NASA

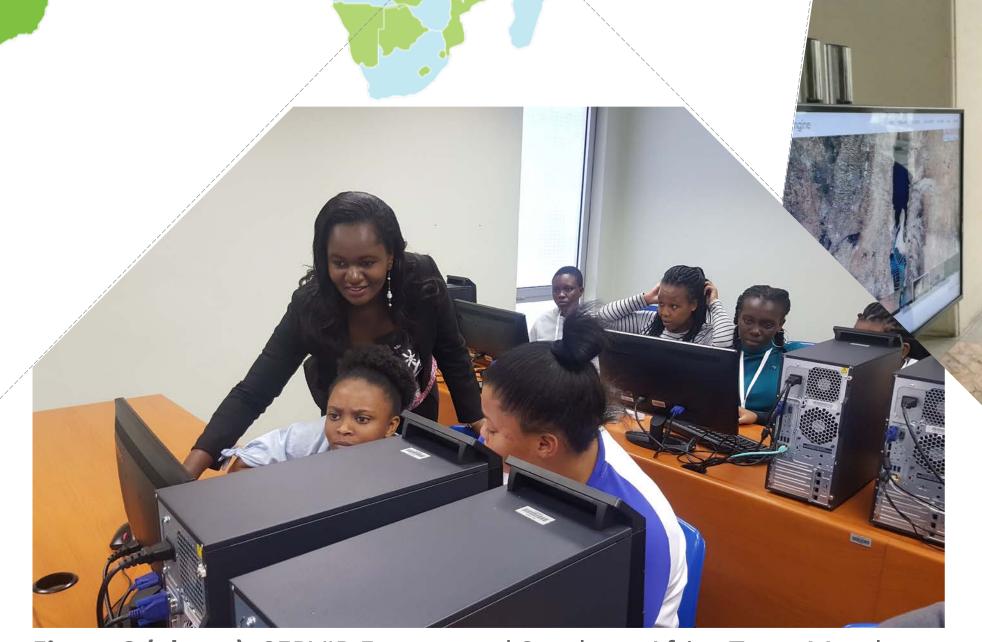


Figure 9 (above). SERVIR Eastern and Southern Africa Team Member helping young women at the Women in Science (WiSci) camp (photo credit: USAID)

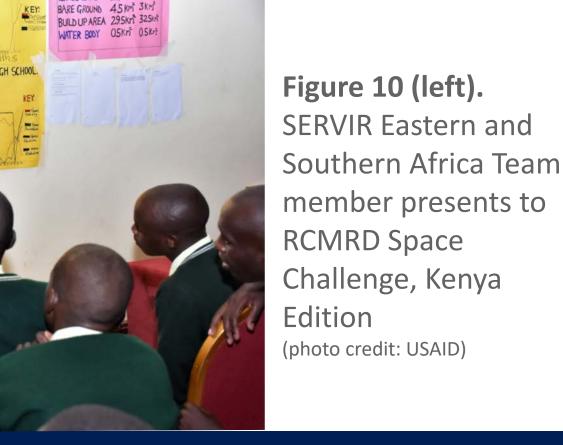


Figure 11 (right). **RCMRD Space** Challenge (Uganda Edition) participants present their research (photo credit: USAID)









Science Fair 2017

(photo credit: USAID)

Figure 13 & 14 (above and right). Thailand nationa



