



SANREM CRSP Overview

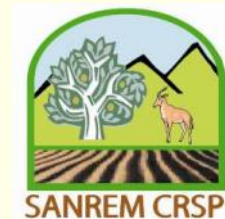
**Sustainable Agriculture and Natural Resource Management
Collaborative Research Support System**

The SANREM CRSP is made possible by the United States Agency for International Development and the generous support of the American people through Cooperative Agreement No. EPP-A-00-04-00013-00



USAID
FROM THE AMERICAN PEOPLE

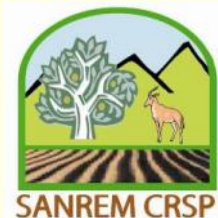
VirginiaTech
Invent the Future



Systems Approach

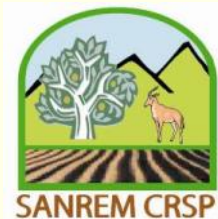
SANREM promotes a systems approach to sustainable development, which is multidisciplinary and addresses interactions at and between field, farm, community/watershed ecosystems, and policy and markets systems levels.

US, host country, and other partners conduct multidisciplinary applied research to develop sustainable and implementable solutions to agricultural and natural resource development problems.



SANREM Objectives

- Empower smallholders (particularly women)
- Increase agricultural productivity and smallholder income
- Enhance decentralized resource management
- Strengthen local institutions
- Improve market access for smallholders
- Promote sustainable and environmentally sound development



SANREM Phase III (2004-2009): Partners

Host country universities	13
Host country research institutes	5
Host country NGOs	3
International NGOs	4
Int. Agricultural Research Centers	6
Private sector partners	1
U.S. universities	22

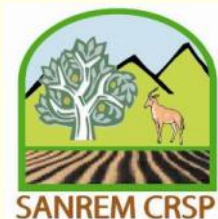


Phase III Long-Term Research Awards

1. Virginia Tech (Bolivia, Ecuador)
2. Indiana University* (Bolivia, Mexico, Kenya, Uganda)
3. NCA&T (Indonesia, Philippines, Vietnam)
4. Cornell University (Zambia)
5. University of Missouri (Bolivia, Peru)

≈\$1.2 million/award

* Elinor Ostrom, lead PI, received 2009 Nobel Prize in Economics for related work

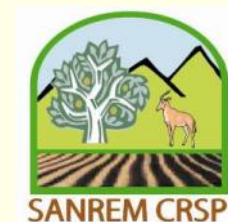


Capacity Building

Degree Training

Degree	US & Developed Countries		Host Countries		TOTAL
	Men	Women	Men	Women	
Doctorate	9	11	11	13	44
Masters	5	6	21	20	52
Bachelors	0	1	32	24	57
TOTAL	14	18	64	57	153

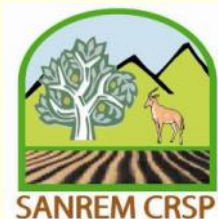
Cumulative: FY2004-09



SANREM Phase IV

Oct 2009 – Sept 2014

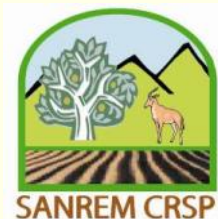
- 5-year extension
- Focus on conservation agriculture production systems
 - increasing productivity of staple crops for smallholders in food insecure countries
 - enhancing soil quality and ecosystem services.
- Seven 5-year research awards, just starting
- \$1.2 to 1.4 million/project



SANREM Phase IV

Long-term Research Awards

- **Haiti:** Virginia Tech
- **Malawi, Mozambique, Lesotho:** Univ. of Tennessee
- **India, Nepal:** University of Hawaii
- **Kenya, Uganda:** University of Wyoming
- **Ghana, Mali:** Kansas State University
- **Bolivia, Ecuador:** Virginia Tech
- **Cambodia, Philippines:** NC A&T



SANREM CRSP

Shaping a sustainable future



Creating, organizing, and disseminating knowledge that improves livelihoods through sustainable agriculture and natural resource management

