

SANREM CRSP Phase IV Long-Term Research Award Program



Increasing smallholder food security through the introduction of conservation agriculture production systems.

Outline

- Program goals
- Requirements
- Funding
- Questions



Program goals

1. develop conservation agriculture production systems (CAPS) for rain-fed, staple crop, smallholder production systems; and
2. identify and test effective strategies through which smallholders can transition to sustainable CAPS.



SANREM CA Definition

1. year-round organic soil cover
2. reduced tillage
3. crop rotation systems
4. integrated pest management
5. integrated nutrient management
6. improved water management



Expected Outcomes

- soil organic matter levels characteristic of resilient and productive soils;
- improved agricultural water productivity to reduce risks associated with drought and climate change;
- reduced emissions of greenhouse gases;
- improved food production and household nutrition;
- improved ecosystem services;
- higher incomes;
- enabling environment required to support CAPS ; and
- enhanced gender equity.



Requirements

- Lead institution must be a **U.S. Title XII university**.
- **Partnerships** should include appropriate host country public sector institutions, NGOs, IARCs, and private sector organizations.



Requirements

- Host country **capacity building**, particularly of the public sector.
- Support from **USAID Mission**
- Consideration of **gender** and the needs of women and other marginalized groups.



Requirements

- **Sound experimental design:**
Applications must include clear and concise problem statements, testable hypotheses, research questions, and research methodology that tests the hypotheses and/or answers the research questions.



Requirements

- **Cross-Cutting Research Themes:**
 - Economic and impact analysis
 - Gendered knowledge
 - Soil quality and carbon sequestration
 - Technology networks



Requirements

- Initial socioeconomic and biophysical **baseline survey**.
- Teams of US and host country biophysical and social **scientists**.
- **Training plans**
- **Participatory research approach**
- **Outreach plans**



Requirements

- **$\geq 50\%$ of funding supporting research and capacity building of host country partners.**
- **≥ 2 graduate students trained in US.**
- **$\geq 25\%$ cost-share of non-exempt project funding**



Requirements

- **indirect costs** limited to federally negotiated off-campus research rate (with a maximum of 30%)
- **Notice of intent** to submit an application: July 27, 2009
- **Strict application page limits**



Eligible Countries

- Must be a **food insecure** country.
- **USAID Mission** presence
- **Political stability** required for successful research



Funding

- 6 regions and projects
- Funding for 5 years with evaluation for continued funding at year 3



Funding

- **East Africa: \$1,385,000** (Burundi, Ethiopia, Kenya, Rwanda, Southern Sudan, Tanzania, Uganda)
- **Latin America & Caribbean: \$1,290,000** (Bolivia, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Nicaragua, Panama, Peru)



Funding

- **South Asia: \$1,385,000**
(Bangladesh, India, Nepal, Sri Lanka)
- **Southeast Asia: \$1,325,000**
(Cambodia, Indonesia, Laos, Philippines)



Funding

- **Southern Africa: \$1,385,000**
(Angola, Madagascar, Malawi, Mozambique, Zambia)
- **West Africa: \$1,350,000**
(Ghana, Liberia, Mali, Senegal)



Questions?

