



Producing More with Less Water and Farm Inputs for Climate Adaptation: Knowledge Sharing on System of Rice Intensification (SRI)

Friday, September 11, 2009

Sites: Nairobi, Kenya; Antananarivo, Madagascar; Kigali, Rwanda; Chennai, India; Washington, DC, USA

Organizing Partners:

World Bank Institute • The World Bank • IMAWESA •

Africa Institute for Capacity Development • Global Development Learning Network

The World Bank Institute and the World Bank are collaborating with IMAWESA (Improved Management of Agriculture Water for Eastern & Southern Africa) and AICAD (Africa Institute for Capacity Development) to organize just-in-time knowledge exchange events related to coping with climate change in agricultural water management, in general, and applications of innovative agricultural practices with potential for climate adaptation, in particular. One such practice is the system of rice intensification, known as SRI.

SRI is a set of innovative rice farming practices to increase the productivity of land and water, as well as other resources. SRI is based on principles of developing healthy, large and deep root systems, which are better resistant to drought, water logging, wind and other damaging climate effects. SRI requires less irrigation water input. With climate change and increasing stress on water resources, SRI is among potential climate adaptation options in managing agricultural water. Originally developed in Madagascar in the 1980s, SRI use has now spread throughout many countries around the world.



larger, more effective
root systems



healthier, stronger
stalks and tillers



greater resistance to drought
and water shortages

Many farmers in Kenya are experiencing the effects of drought, and some are interested in learning new methods, such as SRI, in pilot trials. The World Bank, IMAWESA, and AICAD are collaborating with Mwea irrigation scheme and MIAD (Mwea Irrigation and Agriculture Development), the National Irrigation Board, as well as IFAD, to organize a knowledge exchange event for Kenyan farmers. The event, to be delivered through GDLN (Global Development Learning Network), will link **Kenya** with **India** (which has diversified experience in applying SRI on a large scale), **Madagascar** (where SRI was originally developed) and **Rwanda** (which has recently implemented successful SRI trials under IFAD's projects).

Locations	Time
Washington DC (WB GDLN center)	6:30 am – 9:30 am
Kenya (Nairobi GDLN center)	1:30 pm – 4:30 pm
Madagascar (Antananarivo GDLN center)	1:30 pm – 4:30 pm
India (World Bank Office in Chennai, India)	4:00 pm – 7:00 pm
Rwanda (World Bank Office in Kigali, Rwanda)	12:30 pm – 3:30 pm

Agenda:

Nairobi Site: Before videoconference connection starts (2.5 hr), facilitated by Prof. Bancy Mati of IMAWESA

- 11:00am – 12:00pm Registration and working lunch
- 12:00pm – 12:30pm View WBI SRI toolkit (2 multimedia presentations)
- 12:30pm – 1:30pm Group discussion, question consolidation, view interviews of researchers, farmers, development agencies from the toolkit

All Sites: Videoconference connection (*agenda + running order*)

Time (Nairobi)	Duration	Speaker	Content
1:30-1:40	10'	Markus Moeller (WB), Mei Xie (WBI)	Welcome, Background, Objectives, Agenda
1:40-1:45	5'	Mei Xie (WBI)	Introduce sites, resource persons, participants
1:45-1:50	5'	Bancy Mati (IMAWESA)	Kenya background – introduction
1:50-2:05	15'	Harifidy Ramilison & Joeli Barison	Experience from Madagascar: SRI Overall View
2:05-2:25	20'		Q&A Order – Kenya, Rwanda, Mada
2:25-2:40	15'	Vibhu Nayar	Experience from India: Tamil Nadu Approach
2:40-3:00	20'		Q&A Order – Kenya, Mada, Rwanda
3:00-3:10	10'	<i>Tea Break</i>	
3:10-3:25	15'	Elie Rene Gasore	Experience from Rwanda: TBD
3:25-3:45	20'		Q&A Order – Kenya, India, Mada
3:45-3:50	10'	Norman Uphoff	From Madagascar to Global: Issues & Opportunity
3:50-4:10	20'		Q&A Order – Kenya, Rwanda, India, Mada
4:10-4:20	10'	MIAD, AICAD, IMAWESA, WB	Closing: Lessons and Next Steps

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