



RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



# *Climate Change, Agriculture and Food Security: Opportunities for Regional Collaboration*

Organized by  
CCAFS South and South East Asia,  
19th to 21st November, 2014  
Ho Chi Minh City, Vietnam

## **Objective of the workshop**

The overall goal of the workshop is to gather lessons learned from the past studies and pave the road for future initiatives to be taken in terms of joint and collaborative scientific efforts and bring in global research insights from leading national and international experts for new ideas and direction on CCAFS research.



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## **Background and rationale**

The CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS, [www.ccafs.cgiar.org](http://www.ccafs.cgiar.org)) is a major global research partnership between the CGIAR and the global environmental change community. CCAFS seeks to overcome the threats to agriculture and food security in a changing climate, exploring new ways of helping vulnerable rural communities adjust to global changes in climate. To bring more focus in CCAFS research, a workshop on “Climate Change Agriculture and Food Security: Opportunities for Regional Collaboration” is being organized in Ho Chi Minh City from 19th to 21st November 2014. This workshop will involve key partners implementing the CCAFS programs in South Asia and South-East Asia. The workshop will be attended by leading national and international experts from research, and policy planning from various regions.

A large human population, continuing high rate of population growth, and poverty characterize South Asia. The region has shown tremendous progress in last four decades in food production and availability, yet 1/4th of the world’s hungry and 40% of the world’s malnourished children and women live here. The region is prone to climatic risks such as floods, droughts, cyclones, heat waves; and these are projected to increase in future. Whereas, South East Asian countries has a fast-growing population and is therefore increasingly dependent on agriculture and natural resources. These tropical countries are particularly vulnerable to the impacts of climate change. The region has already been experiencing climate change induced phenomena, which enforces the need for adaptation measures. These two regions offers huge opportunities to learn and help each other from the rich regional experiences and varied set of skills available with CCAFS researchers and partners. This workshop not only aspires to bring together lessons learned but also promotes lateral thinking, creating new ideas to point future research programs in the right direction.

# Climate Change, Agriculture and Food Security: Opportunities for Regional Collaboration

## 19<sup>th</sup> - 21<sup>st</sup> November 2014

### Day 1: 19<sup>th</sup> November 2014

Time	Objectives/Topic	Resource Persons
<b>Session 1: Inaugural session</b>		
09:00 – 09:30	Registration	Paresh Bhaskar, CCAFS
09:30 – 09:45	Welcome, Workshop Objectives	Dr. Nguyen Thanh Thuy, DG, DOSTE, MARD Leocadio Sebastian, CCAFS
9:45 - 10:00	Overview of CCAFS South Asia program	Pramod K Aggarwal, CCAFS
10:00 – 10:15	Overview of CCAFS South East Asia program	Leocadio Sebastian, CCAFS
10:15 – 10:30	Group photo	Paresh Bhaskar, CCAFS
10:30 – 10:50	Tea break	
<b>Session 2      Session Chair: Md. Waji Ullah, co-chair: Do Lien Huong      Note-taker: Arun KC</b>		
10:50 – 11:15	Keynote Paper: Climate change adaptation in South Asia	Nasrin Akter, SAARC
11:15 – 11:40	Keynote Paper: Gender research in CSA	Thelma Paris, IRRI
11:40 – 11:55	Country paper: Bangladesh	ASM M Rahman Khan, BARI, Bangladesh
11:55 – 12:10	Country paper: Bhutan	Toynath Acharya, CoRRB, Bhutan
12:10 – 12:25	Country paper: Cambodia	Chan Phaloeum, MAFF, Cambodia
12:25 – 12:30	Remarks by session chairs	
12:30 – 13:30	Lunch break	
<b>Session 3      Session Chair: B S Siddhu, co-chair: Nina Halos      Note-taker: Ngo Duc Minh</b>		
13:30 – 13:55	Keynote Paper: Climate Smart Villages	M L Jat, CIMMYT
13:55 – 14:20	Keynote Paper: An IT-based Framework for Climate Change Adaptation	P Krishna Reddy, IIIT, India
14:20 – 14:35	Country paper: Myanmar	Kin Lay Swe, Myanmar
14:35 – 14:50	Country paper: Nepal	Yubak Dhoj, DoA, Nepal
14:50 – 15:05	Country paper: India	S Naresh Kumar, ICAR, India
15:05 – 15:10	Remarks by session chairs	
15:10 – 15:30	Tea break	
<b>Session 4      Session Chair: Michael Sheinkman, co-chair: Chan Phaloeum      Note-taker: Paresh B</b>		
15:30 – 15:55	Keynote Paper: Regional Climate Modeling	Srivatsan Raghavan, NUS, Singapore
15:55 – 16:10	Country paper: Lao PDR	Linkham, NAFRI, MAF, Lao PDR
16:10 – 16:25	Country paper: Philippines	Saturnina Halos, DoA, Philippines
16:25 – 16:40	Country paper: Sri Lanka	WMADB Wickremasinghe, NRMCC, Sri Lanka
16:40 – 16:55	Country paper: Vietnam	Mai van Trinh, VAAS, Vietnam
16:55 – 17:10	CARE International	Gerda Binder, CARE
17:10 – 17:15	Remarks by session chairs	
18:30 – 20:30	Welcome Dinner Hosted by CCAFS, MARD Vietnam, VAAS	

## Day 2: 20<sup>th</sup> November 2014

Time	Objectives/Topic	Resource Persons
<b>Session 5</b>		
<b>Session Chair: Mai van Trinh, co-chair: Pramod Aggarwal</b>		<b>Note-taker: Arun KC</b>
09:00 – 09:25	Keynote paper: Climate change adaptation in South East Asia	Imelda Bacudo, GAPCC
09:25 – 09:50	Keynote paper: Communication Engagement and Social Mobilization for climate change adaptation	Rex Navarro, CCAFS
09:50 – 09:55	Remarks by session chairs	
<b>09:55 – 10:55</b>		
	<b>CS Technologies and Practices</b> <ol style="list-style-type: none"> <li>How to identify CSA technologies and practices?: evidences of CSA</li> <li>How to ensure effective use of evidence base for defining target domains for CS technologies and practices?</li> <li>How to balance between community based adaptation practices vs ecosystem based adaptation practices?</li> <li>What are effective ways of avoiding maladaptation?</li> </ol> <p>Panelist can address any of the questions above.</p>	<b>Chair:</b> Yubak GC, DoA, Nepal <b>Co-chair:</b> M L Jat, CIMMYT <b>Rapporteur:</b> Arun KC, CCAFS <b>Panelist:</b> ASM M Rahman Khan, BARI M L Jat, CIMMYT Nguyen Hong Son, VAAS Luu Ngoc Quyen, NOMAFSI Linkham, NAFRI, MAF, Lao PDR
<b>10:55 – 11:15</b> Tea break		
<b>11:15 – 12:15</b>		
	<b>ICT solutions</b> <ol style="list-style-type: none"> <li>What are the key opportunities in ICTs in CSA: Content, technology or science?</li> <li>What are the low hanging fruits in ICTs in CSA?</li> <li>What are the effective strategies for communicating and engagement in CSA?</li> <li>How to channelize social media for CSA out scaling?</li> </ol> <p>Panelist can address any of the questions above.</p>	<b>Chair:</b> R Navarro, CCAFS <b>Co-chair:</b> P Krishna Reddy, IIIT <b>Rapporteur:</b> Arun KC, CCAFS <b>Panelist:</b> Louie Tabing, DZMM Melody Aguiba, Manila Bulletin Vinay K Sehgal, ICAR Vo Cong Lan, NIAPP
<b>12:15 – 13:15</b>		
	<b>Scaling out strategies for CSA: Policies and institutions</b> <ol style="list-style-type: none"> <li>Are existing institutions and policies adequate for scaling out CSA?</li> <li>Who are the key actors behind scaling out CSA?</li> <li>What new research could be done to support scaling out CSA?</li> <li>What should be the policy and institutional framework for targeting CSA through CSR?</li> </ol> <p>Panelist can address any of the questions above.</p>	<b>Chair:</b> W Wickremasinghe, NRMC <b>Co-chair:</b> Avinash Kishor, IFPRI <b>Rapporteur:</b> Janmajaya Gairhe, IAAS <b>Panelist:</b> R N Singh, DoA, Bihar Saturnina Halos, DoA, Philippines M Emdad Hossain, WorldFish Md.Baktear Hossain, BARC Do Lien Houng, IPSARD, Vietnam
<b>13:15 – 14:00</b> Lunch break		
<b>Session 7</b>		
<b>Synthesis of panel discussion</b>		
14:00 – 15:00	Synthesis report from panel discussions	Panel chairs
15:00 – 15:20	Tea break	
<b>Session 8</b>		
<b>Concluding session</b>		
<b>15:20 – 16:20</b>		
	<b>Opportunities for regional collaboration</b> <ol style="list-style-type: none"> <li>What are the key areas for regional collaborations?</li> <li>How to tap skills and expertise from partners across the regions?</li> <li>Immediate needs for regional collaboration: where to find win-win opportunities?</li> </ol> <p>Panelist can address any of the questions above.</p>	<b>Chair:</b> P K Aggarwal, CCAFS <b>Co-chair:</b> L Sebastian, CCAFS <b>Rapporteur:</b> Arun KC, CCAFS <b>Panelist:</b> Malik Fida A Khan, CEGIS Gerda Binder, CARE Toynath Acharya, CoRRB, Bhutan Nasrin Akter, SAARC Imelda Bacudo, GAPCC
16:20 – 17:15	Concluding remarks by RPLs Closing Remarks	P. Aggarwal/L.Sebastian Nguyen Hong Son, Vice President, VAAS
<b>19:30 – 21:00</b> Dinner Hosted by CCAFS South Asia		

## Day 3: 21<sup>st</sup> November 2014 Field Trip