

Information resources for action researchers/practitioners in Climate Resilient Agriculture

*A selection of references from projects supported by CCAFS, IDRC, DA AMIA,
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CSA/CRA at community frontlines: An introduction to this compilation of resources

The climate-smart agriculture (CSA)/climate-resilient agriculture (CRA) community is heterogeneous: it is multi-strata, diverse, and has a wide range (and sometimes diverging) agenda. At the frontlines are community workers, local extension agents, and local governments. CSA/CRA programming is not simply a matter of re-hashing conventional programming to respond to new challenges of climate change. At local levels, it is about fostering adaptation to climate change while also recognizing the need to address mitigation. Community-level actors are acutely aware that climate impacts adversely and disproportionately affect the marginalized and the poor, especially the women. It is no wonder, then, that CSA programming at the frontlines puts a premium on social inclusiveness and gender sensitivity.

CSA/CRA designed to address poverty is multifunctional in nature, multidisciplinary, and multicommodity in its orientation. At the small farm level, this inevitably suggests the need for balancing diversification and intensification objectives.

CSA/CRA at community levels is characterized by a socio-technical orientation, where people and food systems are featured. CSA/CRA proponents must recognize that they are granted a special new opportunity to address the nexus between poverty, food security, the environment, and livelihoods.

Most of the resources featured here were generated from actual CSA/CRA programs implemented. Some of them reflect the action research nature of the CSA/CRA work of the International Institute of Rural Reconstruction (IIRR) in Asia, specifically in the Philippines, Cambodia, and Myanmar. This compilation includes publications generated from projects supported by the CGIAR Research Program on Climate Change, Agriculture and Food Security, Asian Development Bank, the International Development Research Station, the Latter Day Saints Charities, the Department of Agriculture in the Philippines, and the Forest Foundation of the Philippines, among others. Some of these resources represent five years of field-derived experiences, now made available in their current form for those at the frontlines as part of efforts to address climate risks that affect smallholder farmers and family farms. Other references were drawn from desk researches.

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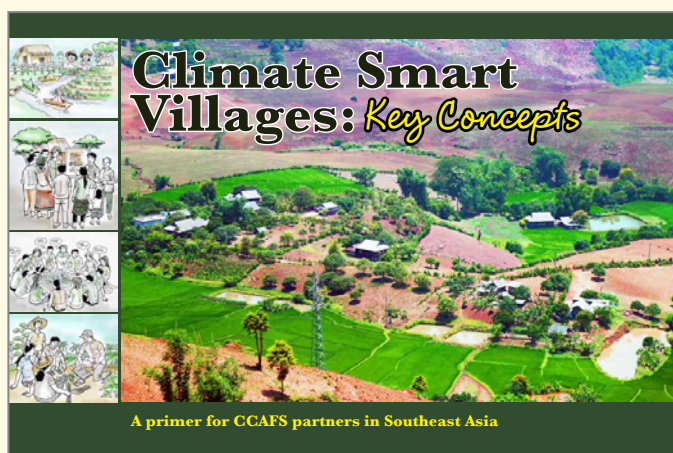
PRIMERS



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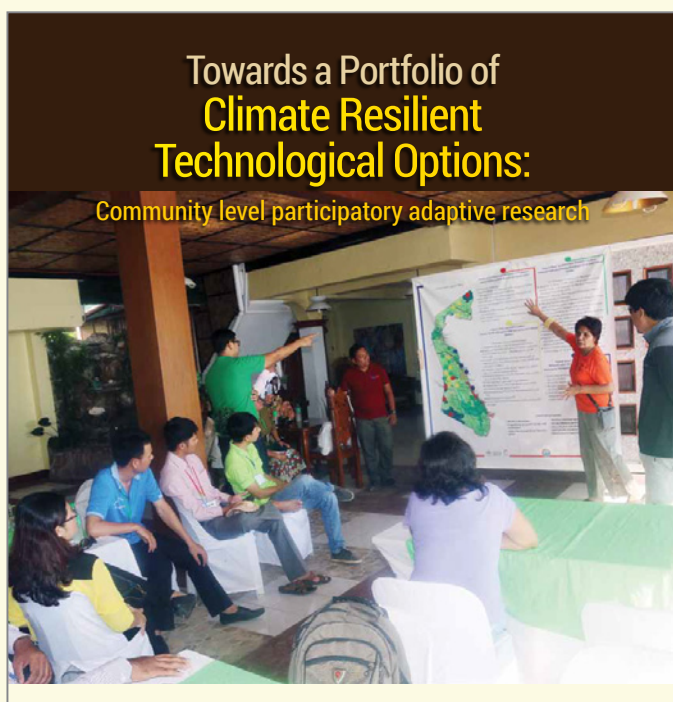
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BLOGS

Climate Risk Management Special Issue: Highlights approaches to making climate services more effective for smallholder farmers

Jan. 16, 2019

By: James Hansen (CCAFS/IRI)

<https://ccafs.cgiar.org/blog/climate-risk-management-special-issue-highlights-approaches-making-climate-services-more#.Xeh5lZMzblU>

Holding on to water through climate smart agriculture

<https://ccafs.cgiar.org/blog/holding-water-through-climate-smart-agriculture#.Xeh335MzblU>

Moving closer to achieving climate smart future for Southeast Asia

Dec. 6, 2017

By: Nguyen Thu Hang (Viet Nam News)

<https://ccafs.cgiar.org/blog/moving-closer-achieving-climate-smart-future-southeast-asia#.Xeh4JpMzblU>

Monitoring CSA performance and outcomes in the Climate Smart Villages: Ready... set, go!

Nov. 23, 2017

By: Osana Bonilla Findji (CCAFS), Mathieu Ouédraogo (CCAFS), Anton Eitzinger (CIAT), Nadine Andrieu (CIAT/CIRAD)

<https://ccafs.cgiar.org/blog/monitoring-csa-performance-and-outcomes-climate-smart-villages-ready%E2%80%A6-set-go#.Xeh4KpMzblU>

Lessons for successful scaling of climate smart agriculture innovations

Nov. 21, 2017

By: John Francis Okiror and Laura Cramer (IITA)

<https://ccafs.cgiar.org/blog/lessons-successful-scaling-climate-smart-agriculture-innovations#.Xeh4hpMzblU>

Unlocking Myanmar's potential for establishing Climate Smart Villages

Oct. 13, 2017

By: Camille Anne Mendizabal (World Agroforestry Centre)

<https://ccafs.cgiar.org/blog/unlocking-myanmar%E2%80%99s-potential-establishing-climate-smart-villages#.Xeh4tJMzblU>

The art of adaptation: Engaging youth with climate smart solutions

Aug. 18, 2017

By: Abigail Smith (World Agroforestry Centre (ICRAF))

<https://ccafs.cgiar.org/blog/art-adaptation-engaging-youth-climate-smart-solutions#.Xeh425MzblU>

JOURNAL ARTICLES

The climate-smart village approach: framework of an integrative strategy for scaling up adaptation options in agriculture

<https://cgspace.cgiar.org/handle/10568/90727>

Uptake of Climate-Smart Agricultural Technologies and Practices: Actual and Potential Adoption Rates in the Climate-Smart Village Site of Mali

<https://cgspace.cgiar.org/handle/10568/104038>

Prioritizing Land and Water Interventions for Climate-Smart Villages

<https://cgspace.cgiar.org/handle/10568/103395>

Does climate-smart village approach influence gender equality in farming households? A case of two contrasting ecologies in India

<https://cgspace.cgiar.org/handle/10568/100291>

Contribution of systems thinking and complex adaptive system attributes to sustainable food production: Example from a climate-smart village

<https://cgspace.cgiar.org/handle/10568/99251>

Participatory diagnosis and development of climate change adaptive capacity in the groundnut basin of Senegal: building a climate-smart village model

<https://cgspace.cgiar.org/handle/10568/81011>

Trees and agroforestry for coping with extreme weather events: experiences from northern and central Viet Nam

<https://cgspace.cgiar.org/handle/10568/76605>

Adaptation, mitigation and food security: Multi-criteria ranking system for climate-smart agriculture technologies illustrated for rainfed rice in Laos

<https://cgspace.cgiar.org/handle/10568/101147>

Scaling up agricultural interventions: Case studies of climate-smart agriculture

<https://cgspace.cgiar.org/handle/10568/96171>

BOOKS/BOOK CHAPTERS

Climate Smart Villages: A Community Approach to Climate Resilient Agriculture and Sustainable Livelihoods

<https://cgspace.cgiar.org/handle/10568/90482>

Climate-Smart Villages: the future of farming

<https://cgspace.cgiar.org/handle/10568/93371>

Uptake of Resilient Crop Interventions to Manage Risks Through Climate-Smart Villages Approach in Nyando, Western Kenya

<https://cgspace.cgiar.org/handle/10568/80805>

Stories of Success: Climate-Smart Villages in East Africa

<https://cgspace.cgiar.org/handle/10568/81030>

Gender dimension of climate change research in agriculture: Case studies in Southeast Asia

<https://cgspace.cgiar.org/handle/10568/100189>

CASE STUDIES

Scaling up of Climate-Smart Villages across the 38 districts of Bihar

<https://cgspace.cgiar.org/handle/10568/102479>

The World Bank scales up insights from Climate-Smart Villages in Niger

<https://cgspace.cgiar.org/handle/10568/102483>

Scaling-up Climate-Smart Villages in India

<https://cgspace.cgiar.org/handle/10568/67902>

Nepal climate-smart villages and learning platform

<https://cgspace.cgiar.org/handle/10568/36074>

The Climate-Smart Village approach: what research and insights from current implementation in Daga-Birame CSV in Senegal?

<https://cgspace.cgiar.org/handle/10568/78211>

WORKING PAPERS

Building Climate-Smart Villages: Five approaches for helping farmers adapt to climate change

<https://cgspace.cgiar.org/handle/10568/89884>

Towards Climate-Smart Agriculture in Southeast Asia: Initial results in Ma Village, Vietnam

<https://cgspace.cgiar.org/handle/10568/80702>

Towards developing scalable climate-smart village models: approach and lessons learnt from pilot research in West Africa

<https://cgspace.cgiar.org/handle/10568/76336>

Key informant analysis for climate smart agriculture practices in Tra Hat Village, Vietnam

<https://cgspace.cgiar.org/handle/10568/103814>

Evaluation of Climate-Smart Village roving workshop as a farmer-to-farmer learning platform

<https://cgspace.cgiar.org/handle/10568/100123>

Farmers' own assessment of climate smart agriculture: Insights from Ma village in Vietnam

<https://cgspace.cgiar.org/handle/10568/90628>

The Promotion of Climate-Smart Villages to Support Community-Based Adaptation Programming in Myanmar

<https://cgspace.cgiar.org/handle/10568/83372>

Analyzing farm household strategies for food security and climate resilience: The case of Climate-Smart Villages of Southeast Asia

<https://cgspace.cgiar.org/handle/10568/99100>

Roles of social learning for the adoption of climate-smart agriculture innovations: Case study from My Loi Climate-Smart Village, Vietnam

<https://cgspace.cgiar.org/handle/10568/80703>

Participatory prioritization of climate-smart agriculture techniques: Case study of processes and outcomes from the Tra Hat Climate-Smart Village in Vietnam

<https://cgspace.cgiar.org/handle/10568/103815>

Climate-induced vulnerabilities: Participatory assessment for My Loi village, Ky Son commune, Ky Anh district, Ha Tinh province

<https://cgspace.cgiar.org/handle/10568/89634>

Participatory identification of climate-smart agriculture priorities

<https://cgspace.cgiar.org/handle/10568/75542>

Pest Smart interventions and their influence on farmer pest management practices in Tra Hat village, Bac Lieu Province, Vietnam

<https://cgspace.cgiar.org/handle/10568/83373>

Participatory Evaluation of Resilient Potato Varieties in Climate-Smart Villages of Lushoto in Tanzania

<https://cgspace.cgiar.org/handle/10568/79454>

INFO NOTES/BRIEFS

Climate-smart villages and the hope of food secure households

<https://cgspace.cgiar.org/handle/10568/65144>

Agroforestry for a Changing Climate

<https://cgspace.cgiar.org/handle/10568/102276>

Scaling the capacities to adapt to a changing climate: Experiences of the AMIA Climate Resilient Villages, Philippines

<https://cgspace.cgiar.org/handle/10568/105717>

Uptake of Climate-Smart Agriculture in West Africa: What can we learn from climate-smart villages of Ghana, Mali and Niger?

<https://cgspace.cgiar.org/handle/10568/93351>

Uptake and impact of climate-smart agriculture on food security, incomes and assets in East Africa: Findings from Nyando Climate-Smart Villages in Western Kenya

<https://cgspace.cgiar.org/handle/10568/105701>

Climate-smart villages and progress in achieving household food security in Lushoto, Tanzania

<https://cgspace.cgiar.org/handle/10568/70257>

Addressing gender-based impacts of climate change: A case study of Guinayangan, Philippines

<https://cgspace.cgiar.org/handle/10568/98473>

Progress in achieving household food security in climate-smart villages in the Albertine Rift, western Uganda

<https://cgspace.cgiar.org/handle/10568/79933>

Integrating Gender into the Climate-Smart Village Approach of Scaling out Adaptation Options in Agriculture

<https://cgspace.cgiar.org/handle/10568/96274>

Resilience Building and Climate Change Adaptation for Coastal Communities (Model building for small municipalities in the Philippines)

<https://cgspace.cgiar.org/handle/10568/102277>

Social Seed Networks for Climate Change Adaptation in Western Kenya: Results from a study to better understand farmers' primary sources of seed information in the Nyando Climate-Smart Villages

<https://cgspace.cgiar.org/handle/10568/93210>

Social Seed Networks for Climate Change Adaptation in Uganda: Strategies to Improve Access to Genetic Diversity and Information. Results from a study to better understand farmers' primary sources of seed and information in the Hoima Climate-Smart Villages

<https://cgspace.cgiar.org/handle/10568/93207>

Building Community-Based Models for Climate Resilient Agriculture and Fisheries Across Landscapes within the Municipality of Ivisan, Capiz

<https://cgspace.cgiar.org/handle/10568/89040>

Measurement, reporting and verification of climate-smart agriculture: Change of perspective, change of possibilities?

<https://cgspace.cgiar.org/handle/10568/99474>

The why, what, who and how of scaling agricultural innovations

<https://hdl.handle.net/10568/99099>

Scaling agricultural innovations - How to manage institutional change?

<https://hdl.handle.net/10568/105560>

Addressing gender-based impacts of climate change

<https://hdl.handle.net/10568/98473>

Scaling capacities to adapt to a changing climate

<https://hdl.handle.net/10568/105717>

Equity, empowerment and gender relations

<https://hdl.handle.net/10568/98467>

Scaling agricultural innovations - How to manage institutional change?

<https://hdl.handle.net/10568/105560>

Developing scalable approaches for community-based adaptation: A brief

<https://drive.google.com/file/d/1waKNciNGPJnfNscBb8lewC6AX56VQwGj/view?usp=sharing>

Biodiversity conservation corridors

<https://drive.google.com/open?id=1mVw8pH2PvCgscfDe62-YOz2ziy2YdkLt>

Enhancing the management of forest ecosystem

https://drive.google.com/open?id=1OuMT1_lsVBFYKjWDcGuUHpNXWGDk5e

Climate resilient, high value, intensive vegetable production

<https://drive.google.com/open?id=1g9wi1Jlpfa4tNI4f-1wesJLmIRl4UfaY>

Better local water governance of community ponds: A role for water user groups

<https://drive.google.com/open?id=1P7UYb3NNix09o9a8jmPyCWrtLmgrlzl>

Introducing improved practice on native chicken production to smallholder farmers in Monduliri and Koh Kong Province

<https://drive.google.com/file/d/1tSRh24Ms0R21By7a6WndWTg1Kafc7rfp/view?usp=sharing>

Unleashing the entrepreneurial potential in rural Cambodia

https://drive.google.com/file/d/1jwX0nApOfFrDSXTPSyjrLXFGtUe_rVnL/view

Creating new businesses and employment opportunities through improved small-scale indigenous chicken raising

https://drive.google.com/drive/folders/1JAJrdzWEwKCjwkN5SbdYN7Z_mxQzKOk5

Supporting the transformation of livelihoods: Village Development Funds managed by self-help groups

https://drive.google.com/drive/folders/1NssopZOBdk_Xw11B_paZ3ifegJjNUZzN

Climate Resilient Agriculture primer - Khmer version

Small watersheds and landscapes: Engaging local stakeholders in conservation

https://drive.google.com/file/d/12q8_2s-633YtLCr3FNO_3Eo3ru9yqDeX/view?usp=sharing

Nutrition co-benefits of climate smart agriculture in Myanmar

<https://hdl.handle.net/10568/107814>

Improving native chicken production for smallholder farmers

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REPORTS

Climate-Smart Village AR4D Approach: Synthesis of lessons learned

<https://cgspace.cgiar.org/handle/10568/100263>

Climate-Smart Villages in Haryana, India

<https://cgspace.cgiar.org/handle/10568/42346>

Evaluation of the mitigation potential of the adaptation strategies implemented in the Climate – Smart Villages (CSV)

<https://cgspace.cgiar.org/handle/10568/98456>

Climate-Smart Village Approach in Nepal: Learning from Global, Regional and Local Knowledge

<https://cgspace.cgiar.org/handle/10568/78505>

Implementation of the Climate-Smart village approach

<https://cgspace.cgiar.org/handle/10568/100238>

3rd Annual Progress Reporting and Coordination Meeting on CCAFS Projects and Climate-Smart Village Implementation in Southeast Asia (Working Document)

<https://cgspace.cgiar.org/handle/10568/90938>

Climate-Smart Agriculture in Asia: Beyond pilot evaluations and models (Workshop Proceedings)

<https://cgspace.cgiar.org/handle/10568/90537>

Progressing towards climate resilient agriculture: top ten success stories from CCAFS in South Asia

<https://cgspace.cgiar.org/handle/10568/83477>

Activity report: CSV Monitoring and Evaluation Plan

<https://cgspace.cgiar.org/handle/10568/100233>

Situation Analysis and Needs Assessment Report for Ma Village and Yan Bai Province, Vietnam

<https://cgspace.cgiar.org/handle/10568/72437>

Situation Analysis and Needs Assessment Report for Pailom Village, Savannakhet Province, Lao PDR

<https://cgspace.cgiar.org/handle/10568/76329>

Organisational Baseline Study: Overview report for Tra Hat CSV, Vietnam (VN03)

<https://cgspace.cgiar.org/handle/10568/80485>

Village Baseline Study – Site Analysis Report for My Loi, Ky Anh district, Ha Tinh province – Viet Nam

<https://cgspace.cgiar.org/handle/10568/79896>

Village Baseline Study: Site Analysis Report for Pailom village Champone district, Savannakhet province, Lao PDR (LA02)

<https://cgspace.cgiar.org/handle/10568/80495>

Organisational Baseline Study: Overview report for Ma CSV, Vietnam (VN01)

<https://cgspace.cgiar.org/handle/10568/80493>

Organisational Baseline Study: Overview report for Pailom CSV, LAO PDR(LA02)

<https://cgspace.cgiar.org/handle/10568/80497>

Village Baseline Study – Site Analysis Report Ma village-Yen Binh district, Vietnam

<https://cgspace.cgiar.org/handle/10568/79890>

Organisational Baseline Study: Overview report for My Loi CSV, Vietnam (VN02)

<https://cgspace.cgiar.org/handle/10568/80498>

Putting food security and better livelihood first: Project highlights

<https://drive.google.com/file/d/1v-MF3G-AGrHr68kDcF-n2SPnGdqFYvVZ/view?usp=sharing>

Models for empowering women livestock producers: 2015-2018 outcomes

<https://cgspace.cgiar.org/handle/10568/102278>

MANUALS

Eight guide steps for setting up a Climate-Smart Village: A trainer's guide

<https://hdl.handle.net/10568/107725>

Framework Guidlines and Governance for Designing Local Adaptation Plan of Action to Mainstream Climate Smart Villages in India

<https://cgspace.cgiar.org/handle/10568/68326>

9 steps to scale climate-smart agriculture: Lessons and experiences from the climate-smart villages in My Loi, Vietnam and Guinayangan, Philippines

<https://cgspace.cgiar.org/handle/10568/101921>

Building Capacities for Scaling-Up Climate Smart Village in Nepal: A training manual

<https://cgspace.cgiar.org/handle/10568/102247>

Farms of the future guidelines

<https://cgspace.cgiar.org/handle/10568/72816>

Community Innovation Fund from implementation to scaling out of climate-smart agriculture practices

<https://cgspace.cgiar.org/handle/10568/93152>

Guide to Participatory Scenario Planning (PSP): Experiences from the Agro-Climate Information Services for women and ethnic minority farmers in South-East Asia (ACIS) project in Ha Tinh and Dien Bien province, Vietnam

<https://cgspace.cgiar.org/handle/10568/102326>

Portfolio of CSA practices for scaling

<https://cgspace.cgiar.org/handle/10568/92835>

Participatory Scenario Planning (PSP) Group Logbook for Facilitator

<https://cgspace.cgiar.org/handle/10568/90539>

Field guide in conducting Participatory Vulnerability Analysis (PVA)

https://drive.google.com/file/d/1j8tAwUDBjSspAuRVLXJoBKP-HXcel_rd/view

GRAPHICS/POSTERS

Photovoice in Climate-Smart Villages in Vietnam

<https://cgspace.cgiar.org/handle/10568/83035>

Climate resilient agriculture: educational/training posters series

<https://cgspace.cgiar.org/handle/10568/71099>

Guidelines in implementing Payment for Environmental Services (PES)

<https://drive.google.com/file/d/1g4COKBwQ5JW3qz2RjFzyGPdwhp9AuS9j/view?usp=sharing>

Community Innovation Fund

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Community Support Facilities

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Farmer Learning Groups

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Impact areas

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Participatory Action Research

<https://hdl.handle.net/10568/107334>

VIDEOS

Climate-Smart Villages: A community approach to sustainable agriculture

<https://cgspace.cgiar.org/handle/10568/75182>

Climate Smart Village project: Residue management can help farmers adapt to climate change

<https://cgspace.cgiar.org/handle/10568/74941>

CCAFS Climate Smart Villages project in South Asia: An Introduction

<https://cgspace.cgiar.org/handle/10568/75181>



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