



Agroforestry and agroclimate information in research, policy and education

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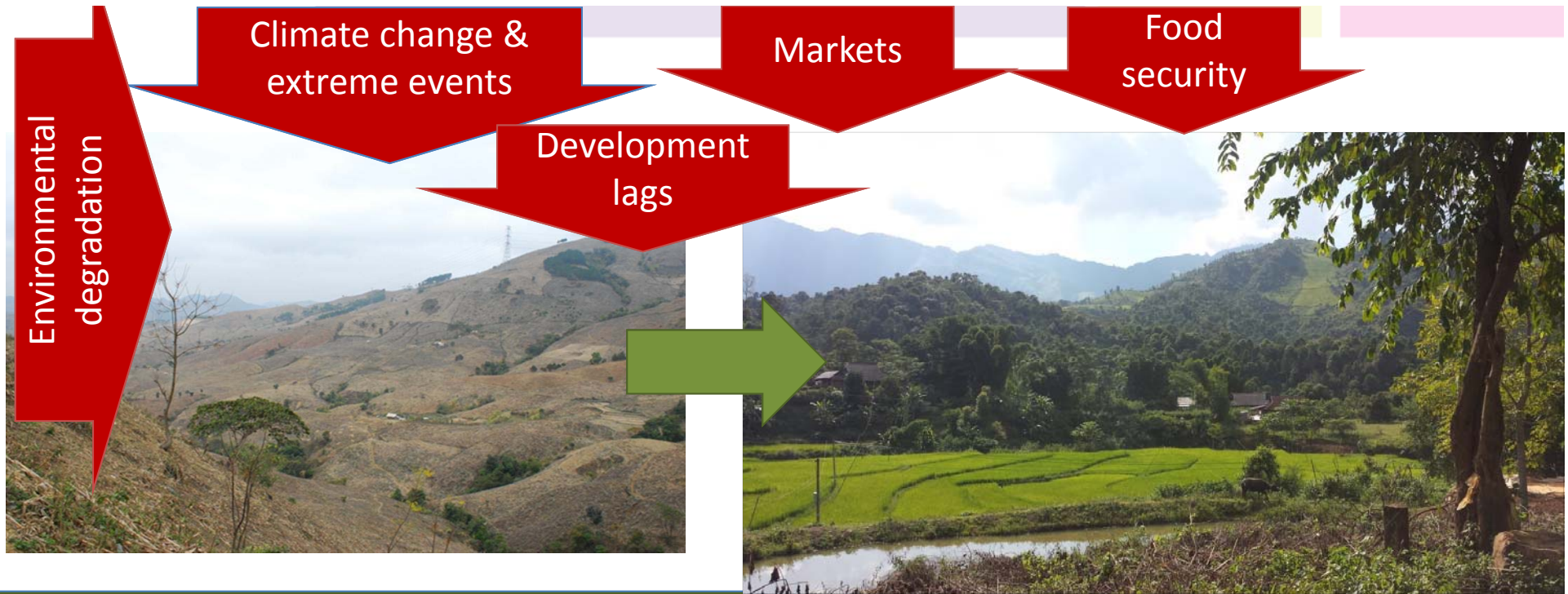
Swedish International Agriculture Network Initiative (SIANI)

Mekong Expert Group on Agroforestry

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Transforming lives and landscapes with trees | Lao Uplands Conference, Luang Prabang

March 12-14 2018



UPLAND LANDSCAPES

Paddy fields

Homegarden

Slopingland

Agroforestry

Rice (-fish) + & trees

Coffee/tea & shade trees + grass strips +
intercropped w annual crops

Fruit trees + grass strips and/or crops

Fruit trees + annual crops + livestock

Sustainable forest management

Definitions, new terminology

GAPS

- **Changing terminology:**
Sustainable ag, ecosystem ag, green growth, climate-smart ag, ecosystems based adaptation,
- Agroforestry is the 'solution' – but **what is “agroforestry”?**
Where can it be planted?
- No Department of Agroforestry
- Lack inventories of agroforestry
→ agroforestry invisible/vague in the NDC, SDG

ONGOING

- Joint events
- **Viet Nam MARD Technical Working Group on Agroforestry**
to evaluate the role of the most important agroforestry systems and potential contributions to NDC and Bonn Challenge

Research → [gap] → Policy → [gap] Implementation → [gap] → Impacts

GAPS

- Pilot-projects, small-scale impacts
- Policies support monocultures rather than integrated systems
- Tenure insecurity
- Agroforestry takes years to mature

ONGOING EXAMPLES

AFLI project NW Vietnam, ICRAF

- Speeding up return-on-investments by grafting, multi-storey, increased resource use efficiency
- Germplasm, market value chain, extension training

ASEAN White Paper on Agroforestry → Guidelines

CGIAR CCAFS Climate-smart villages

Climate smart villages

- Demonstrations sites for testing climate-smart agriculture (CSA) technologies and approaches to scale out practices
- Exchange between CSVs and government officers

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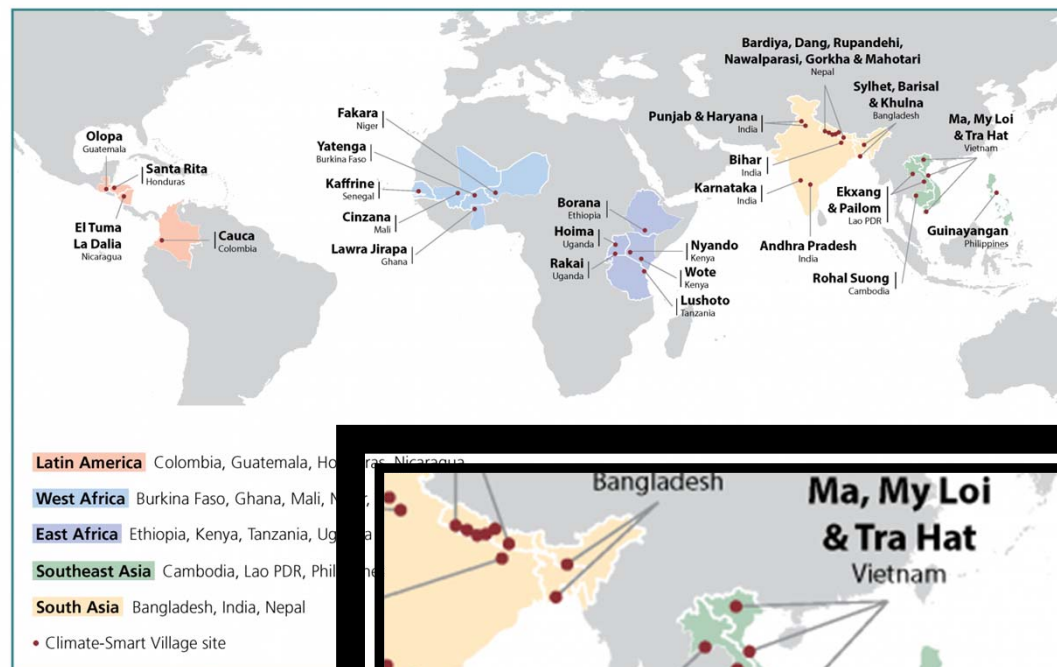
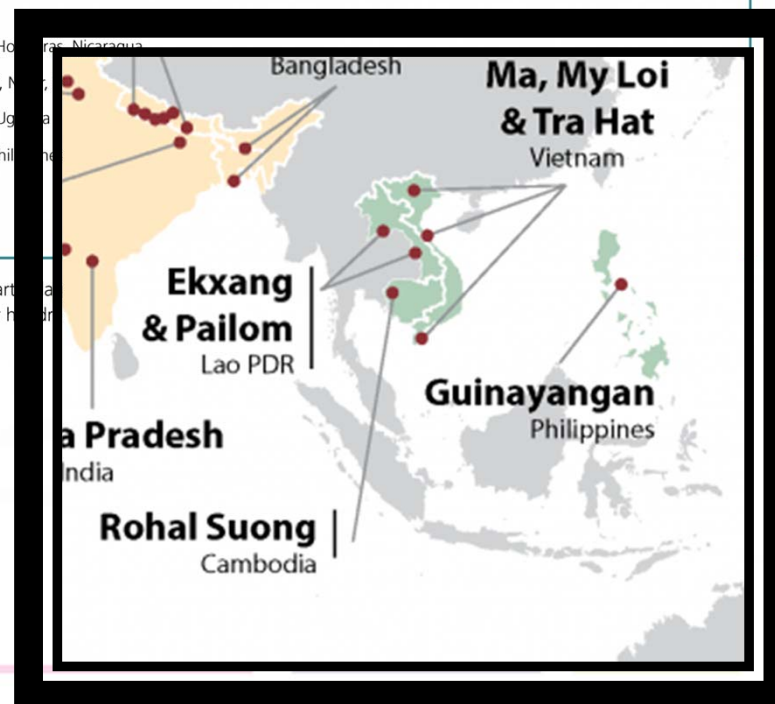
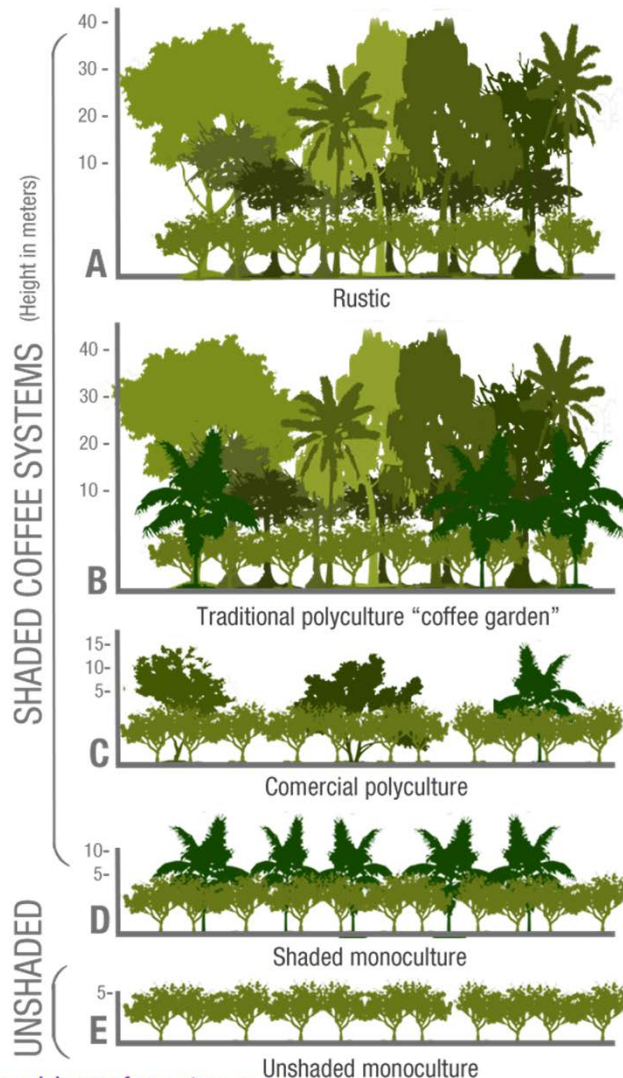


FIGURE 2. Location of the Climate-Smart Villages facilitated CSV sites, numbering in their home countries.



Breeding coffee for agroforestry systems



Decision support tool to select trees in agroforestry systems 2018

- **Implemented by:** CIRAD & ICRAF
- **Objective:** develop shade tree advise tool (open source)
- **Countries:** Laos and Vietnam; + China, Ghana
- **Partner:** Bolovens Coffee Cooperative cpc-laos.org
- www.shadetreeadvice.org
- **Donor:** CGIAR

Contact: Philippe.Vaast@cirad.fr

Extension Education

GAPS

- **Agroforestry design :** extension workers often trained in agriculture OR forestry
- **Interpreting meteorological information to agriculture advice**
 - No agro advisories for agroforestry
- Gender awareness

ONGOING

Training manuals

- ASEAN training manual for agroforestry

Agrometeorological forum

- ACIS project: Forum for farmers, meteorological staff and agriculture planners
- Gender sensitisation, equal participation, gendered groups, ensure both gender of trainers
- Women's WhatsApp groups



Southeast Asian Network for Agroforestry Education

SEANAFE (1999 – ongoing)

- **Mission:**
 - improve agroforestry education
 - agree on regional strategies for curricula
 - strengthen partnership
- **Countries:** 82 member institutions in Indonesia, Laos, Philippines, Thailand, Vietnam
- Curricula and training manuals
- **Hosted by:** ICRAF, Bogor
- www.seanafe.org

LaoNAFE - Lao Network for Agroforestry Education

- **Members:** Nine institutions, including Faculty of Forestry, National University of Laos, Dong Dok campus, Vientiane
- www.nuol.edu.la



Swedish International Agricultural Network Initiative & Expert groups

SIANI (2008- ongoing)

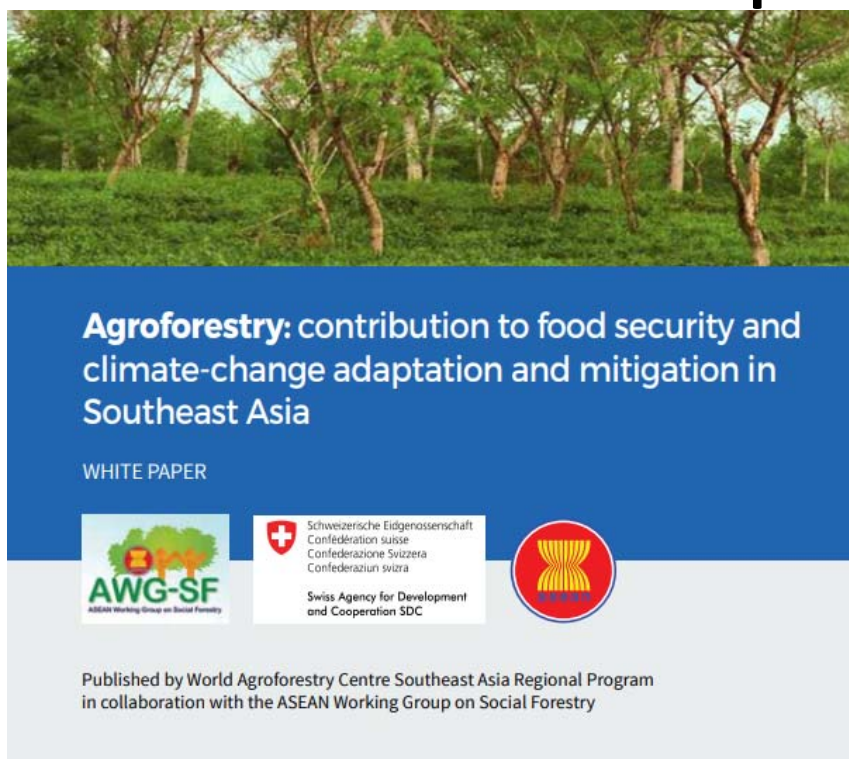
- Open network for multisector engagement
- **Goal:** ensure sustainable agriculture for achieving SDG2
- **Support:** Sida
- www.siani.se



Mekong Expert Group on Agroforestry for Food and Nutrition Security, Sustainable Agriculture and Landscape Restoration (2018-)

- **Members:** Governments, NGOs, research and training bodies, practitioners
- Review ASEAN Guidelines on Agroforestry Development + Agroforestry training manual
- **Focus countries:** Cambodia, Myanmar, Vietnam
- **Contact:** Robert Finlayson, ICRAF R.Finlayson@cgiar.org

ASEAN Agroforestry White Paper & Guidelines



White Paper :

<https://www.worldagroforestry.org/region/sea/publications/download?dl=/BK00201-17.pdf&pubID=4231&li=7520>

www.worldagroforestry.org

ASEAN Multi-Sectoral Framework on Climate Change: Agriculture and Forestry towards Food Security

ASEAN Working Groups:

- Forest and Climate Change
- Social Forestry*

ASEAN Sectoral Working Groups:

- Crops
- Fisheries

ASEAN Technical Working Group:

- Agricultural Research and Development

ASEAN Climate Resilience Network

ASEAN Senior Officials:

- Forestry
- Environment

*) Technical support: [ASEAN-Swiss Partnership on Climate Change and](#)

Thank you!

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Science for a food-secure future

CONCEPT NOTE

Enhancing smallholder involvement in timber concession plantation, Savannakhet

Proposal

- **Objective:** develop integrated eucalyptus concessions plantations with farmer involvement
- **Main applicants:** Medical Committee Netherlands-Vietnam, ICRAF
- **Partners:** government partners in Agriculture and Forestry, Stora Enso Laos, Savannakhet. University, Sav. College of Health Science and more
- Plan 3 years USD1,000k

