

Foresight4Food Webinar- Series 2023

EPISODE 1

“State of Play: An Update on the foresight work of Foresight4Food, IFPRI and FAO Asia’.



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Climate Foresight for food system transformation?

*Deep- dive on formulating pathways for low emission,
resilient and sustainable agri-food system in Lao PDR*

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Climate Foresight and Scenarios
Development Expert at the UN FAO















CCR Module under FAO RAP – RP 2

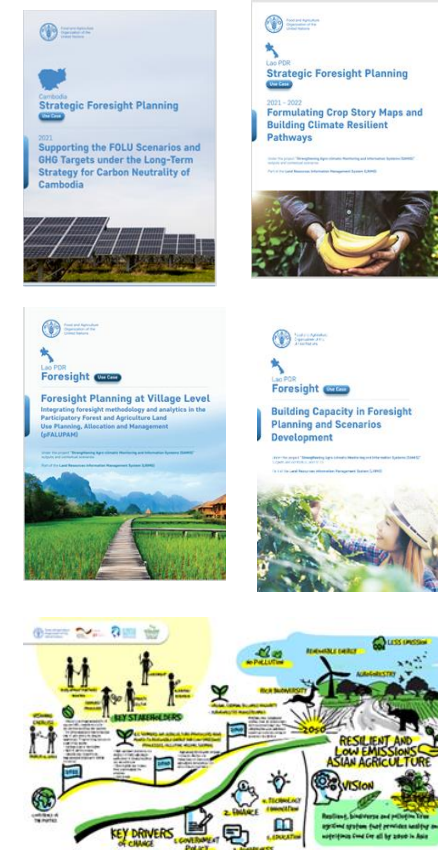
Agriculture climate services and decision support

Strengthen capacities to utilize agriculture climate services and develop evidence-based policies, planning and investments

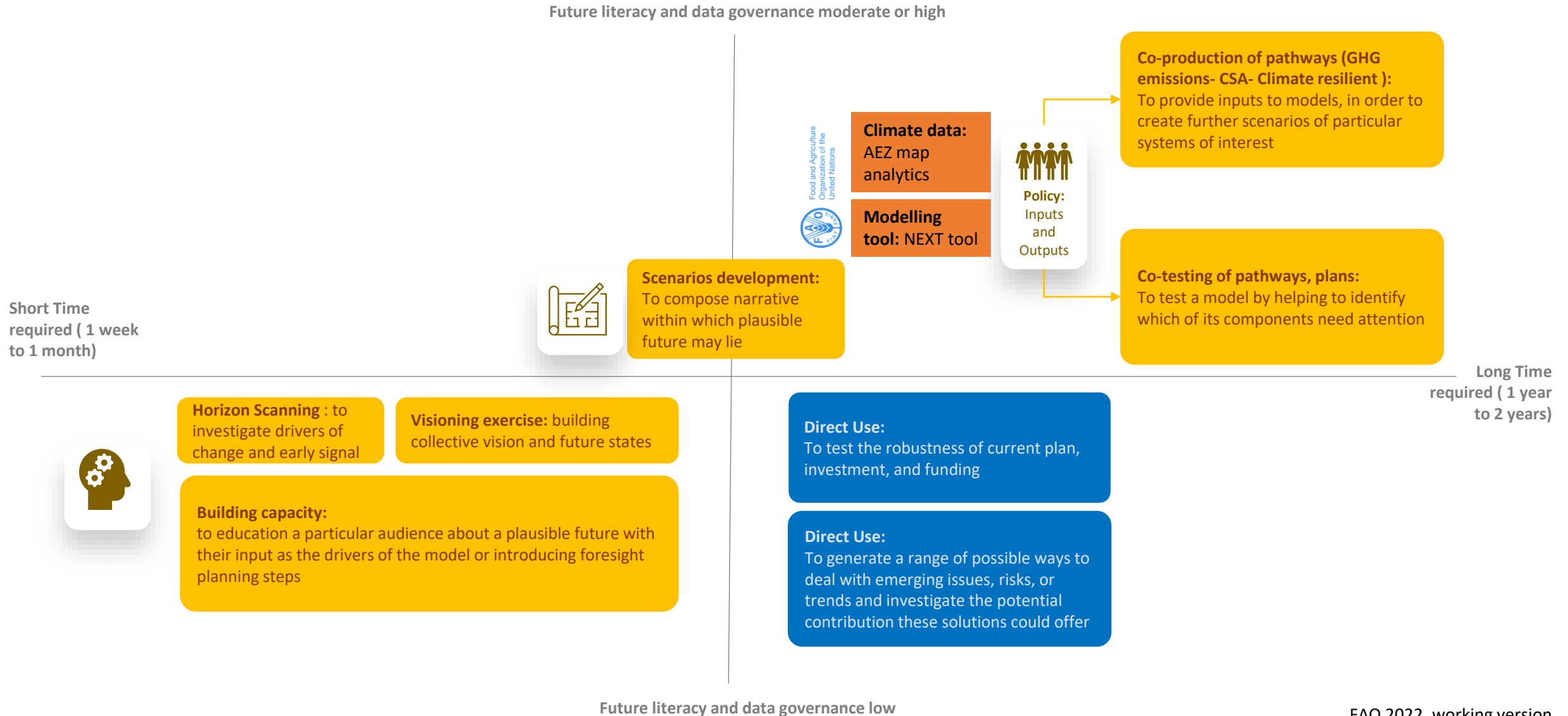


Overview of the Foresight regional outputs

		2020 to 2022	2023
	Develop Climate resilient and low emission agriculture pathways by developing decision based scenarios	 	
	Capacity building and strengthening for agriculture planning and climate policies	 	 
	Support policy dialogues at multi-levels using trends analysis and early signals	 	



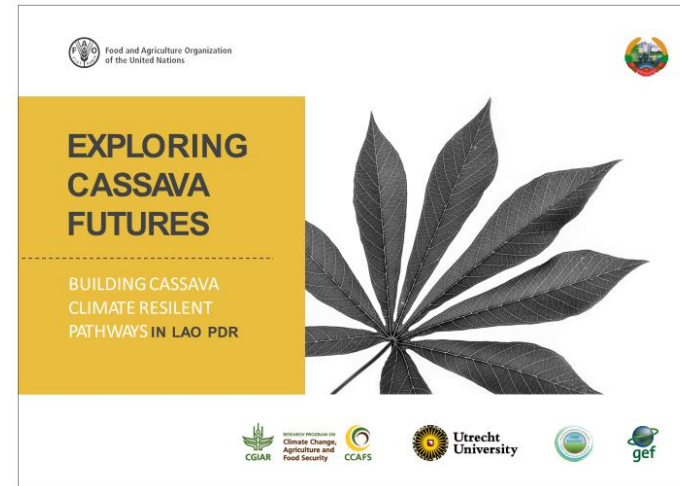
Comparative of Foresight Uses





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Crop story maps; *a mean to communicate priority areas for investments and actions*





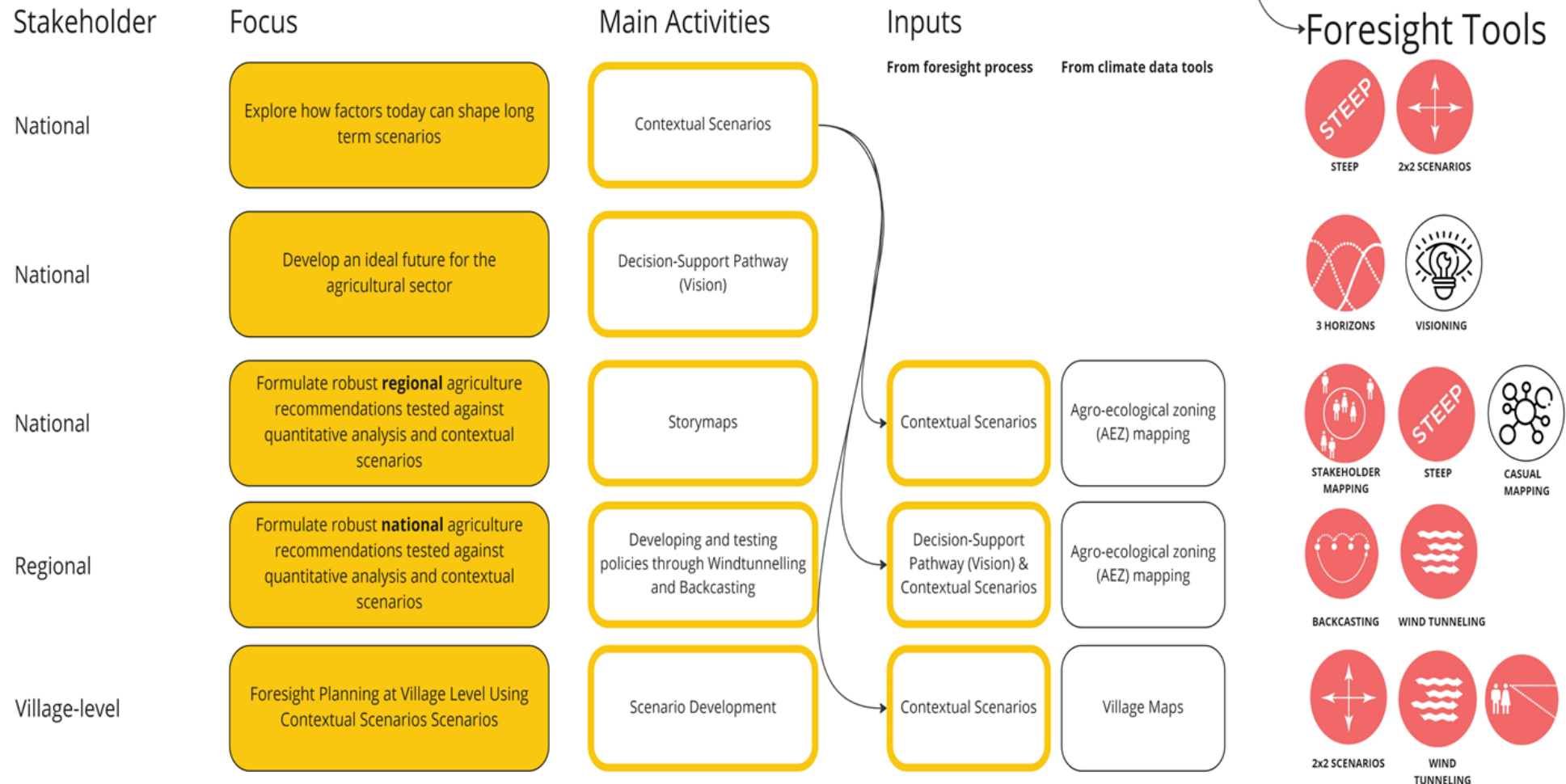
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Climate Foresight planning

- Under the Strengthening Agro-Climatic Monitoring and Information System (SAMIS) project, a component work on **climate foresight** and **scenarios development** has been developed supported by CCAFS, UU and CIAT.
- The activities focus on providing **evidence-based guidance** and **tools to promote a transition to more climate-resilient agriculture** at the national and local level.
- The **crop story maps** are one of the outputs contextualised to the needs and uses of the stakeholders involved in decision making in the agri-food systems in Lao PDR.

THE FORESIGHT JOURNEY In LAO PDR

- 3 YEARS OF CAPACITY BUILDING, FORESIGHT PRACTICES AND USES
- FEEDBACK LOOP TO DESIGN OUTPUTS THAT INCREASE ROBUSTNESS IN DECISION MAKING USING CLIMATE SCENARIOS AND AEZ
- FUTURE LITERACY AT A CENTRAL PLACE WITH MORE THAN 100 H OF TRAINING
- CROP STORY MAPS DESIGNED INTERNALLY BY THE PARTICIPANTS OF THE TRAINING (DALAM AND NAFRI)



STORYMAP HIGHLIGHTS



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Developed by Dr. Rathana Peou Norbert-Munns, Loes Verkuil, Dr. Ana Duden and Dr. Joost Vervoort

UTRECHT UNIVERSITY AND THE CGIAR RESEARCH PROGRAM ON CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY (CCAFS)



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security

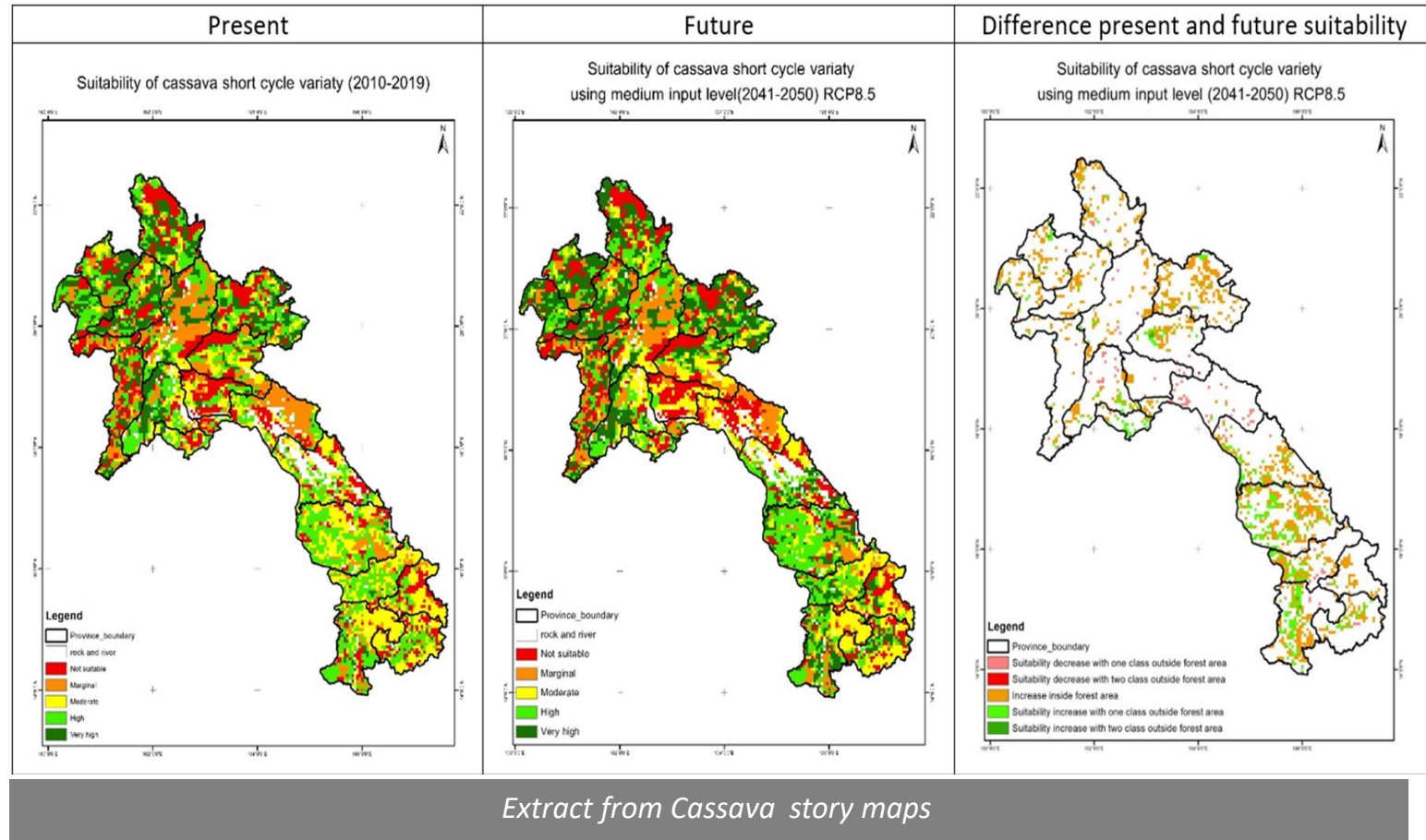


Utrecht
University



Integrating AEZ maps, climate scenarios

Generating hot spot maps



- The Agro-Ecological Zones (AEZ) methodology is a framework based on the principles of land evaluation (FAO, 1976) to support sustainable agricultural development by characterizing agricultural land utilization options. The suitability maps produced against different under a climate scenarios are then presented from present to future suitability. The hotspot map highlights the difference between the maps and indicate areas that are likely to increase or decline (better allocation of future suitable areas while avoiding using natural forest area and paddy rice).



Thank you for your attention!

For more information:

<https://www.fao.org/in-action/samis/resources/publications/en/>