

# SIMULATION GAME for PARTICIPATORY CLIMATE VULNERABILITY AND CAPACITY ANALYSIS

Vulnerable communities living in the remote mountainous areas can hardly access to information relating to climate change impacts; furthermore, these information are often too general, or not relevant to the context and the concerns of local communities. They also have limited analytical, planning and organization skills so as to effectively pursue adaptive measurements. A suitable approach will help ensuring communities are well informed of, and fully aware on the issues of CC, and actively take adaptive actions.



The simulation games, carried out as a part of a Participatory Vulnerability Capacity Analysis (PVCA), facilitates a process in which communities' members engage directly in identifying the climate change phenomena in their region, assessing the impacts that these phenomena causes to their livelihoods, identifying solutions, as well as planning their actions to cope with identified impacts of CC. The analysis is also assisted with guidance and technical inputs from relevant experts.



During October 2017- June 2018, Simulation game exercises were conducted in 8 villages of 4 communes of the two districts (Nga Nam of Soc Trang Province and Tam Duong, Lai Chau). These exercises involved participation of more than 200 people (71% women). Communities identified 03 phenomena of harsh weather as the consequence of climate change, analyzed 09 models of agriculture livelihoods, 03 solutions and actions that have been taken and follow up by the communities.

Contribution to Climate Change Adaptation	Co-benefits	Target group	Supporting conditions
Communities's awareness and understanding on CC and its impacts on their life and livelihoods	Improve analytical skills	Communities affected by climate change impacts, especially those of disadvantaged groups in rural and remote locations.	<ul style="list-style-type: none"><li>- Skillfull facilitator</li><li>- Trainings to facilitators</li><li>- Technical inputs with scientific information.</li></ul>
Well informed solutions and measurements	Improve solidarity among community members		
Promote communities' collective actions	Increase dialouge between communities's members and with local authorities		

### Gender considerations:

These approach facilitates more active engagement of women in to the process. Women are more confident in the discussion.

### Conflict sensitivity:

Active interaction and exchange of views will develop common understanding on the vulnerability, it helps reduce the tensions, and create solidarity among members



Plan for the crops and livestock

Business among the people in the communities

We could calculate the useful of safe-chicken farm model in 10 years

### Advantages:

- ❖ The use of simulation game helps mobilise full participation of communities, especially of the disadvantaged groups (women and girls, ethnic minority)
- ❖ Well informed solution and measurements enables communities to take suitable actions
- ❖ Mobilise active participation and contributions of the communities

### Constrains:

- ❖ Results are much dependent on the skills and capacity of facilitators
- ❖ Communities' over expectation on the follow up actions



The activities supported by ALiSEA and ACTEA Small Grant Facility, and BftW

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