



**EVALUATION REPORT**  
**Replication Training**



**“Building Future Expertise in Climate Change Research for  
Agricultural Universities and Institutions in Cambodia: Replication  
Training at National University of Battambang”**  
**(Project Reference Number: CBA2020-FP12-SOPHEAK)**

**25<sup>th</sup> April, 2022**

## **I. Project Background**

Building capacity of young talented researchers/lecturers in agricultural education institutions is in need for Cambodia to improve climate change education in agricultural sector. The proposed project aims at contribute to capacity development in climate change research for early-career researchers/lecturers in higher education institutions of Cambodia with the following specific objectives: (i) to build up capacity of early career researcher in 8 universities by TOT, (ii) to mainstreaming current climate change impacts into agricultural curriculum, and develop pilot research proposals under area-based assessment of climate change impacts on agricultural sectors, and, (iii) to contribute the project results to improve understanding and awareness of mainstreaming CC education into risk and vulnerability of community development. The main approach using in this project include training of trainers (ToT), integrated climate change education into existing curriculum/courses, and policy brief recommendation. Under the framework of this project, 32 young talented researchers/lecturers will be directly benefit from the project and the knowledge of 240 students will be approved through replication training. The project is support to APN Fifth Strategic Plan 2020-2024 in strategic goal #2,#3,&#4 and align with Cambodia Climate Change Strategic Plan 2014-2023 Goal No.3. Under the framework of the project, the Training of Trainers will be held to build capacity of lecturers/researchers in agricultural universities and institution in Cambodia.

## **II. Training Objectives**

This replication training was organized in each university/institution because:

- To provide the opportunity to trainee who participated in ToT in order to apply their knowledge
- To increase public awareness on climate change for university students

## **III. Participant and Date**

This training was organized on 25<sup>th</sup> April, 2022 at National University of Battambang for 30 university students.

## **IV. Result of Evaluation**

As mentioned of the objectives, it is commonly aimed at promoting the capacity building and awareness raising in relation to climate change adaptation and climate change response to selected officials of local line agencies. Therefore, evaluation did two times (during pre-and-at the final course) by using prepared questionnaires.

The knowledge of the participants was evaluated with a pre and post evaluation as well as with individual lessons. The frequency as well as the percentage of the respondents has been change notability in knowledge for pre and post training.

Before the training, the students' knowledge on climate change is poor. For instance, the knowledge on the topic of Introduction to Climate Change is 4% of the total students never know about climate change while 96% another said they know not well about climate change. Not different to other topic, the topic of Cause and Effect of Climate Change, Climate Change Adaptation, and Climate Change Mitigation were reported by students that they know it not well in these topic with 90%, 80%, and 75%, respectively.

*Table01: Pre knowledge evaluation by courses*

ITEMS	Not at all	Not well	Well	Very well
a) Introduction to Climate Change	4%	96%	0%	0%
b) Cause and Effect of Climate Change	10%	90%	0%	0%
c) Climate Change Adaptation	20%	80%	0%	0%
d) Climate Change Mitigation	25%	75%	0%	0%

At the end of the training, the evaluation was done again to see if the knowledge of students on climate change has changed. As the result, knowledge had changed respectively. For example, for the topic of Introduction to Climate Change, Cause and Effect of Climate Change, Climate Change Adaptation, and Climate Change mitigation, the percentage has been change from “Not at all” and “Not Well” to “Very Well” is 92%, 80%, 85%, 75%, respectively. Therefore, knowledge of students has been increasing after replication training.

*Table02: Post knowledge evaluation by courses*

ITEMS	Not at all	Not well	Well	Very well
a) Introduction to Climate Change	0%	0%	8%	92%
b) Cause and Effect of Climate Change	0%	0%	10%	80%
c) Climate Change Adaptation	0%	0%	15%	85%
d) Climate Change Mitigation	0%	0%	25%	75%

## Appendix01: Training Agenda

# **Replication Training on** **Building Future Expertise in Climate Change Research for** **Agricultural Universities and Institutions in Cambodia**

Venue: National University of Battambang  
25<sup>th</sup> April, 2022

<b>Time/Session</b>	<b>Activities</b>	<b>Responsible Person(s)</b>
07:30 – 09:00	<i>Registration</i>	Staff & Participants
09:00 – 09:30	<b>Opening Ceremony</b> <ul style="list-style-type: none"><li>• <b>Welcome Remarks</b></li></ul>	MC: ToT trainee Mr. Thav Sopheak
09:30-09:45	Introduction to Workshop Objectives and Structure	Mr. Thav Sopheak
09:45-10:15	<i>Coffee Break</i>	All participants
10:15-10:45	Introduction to Climate Change	ToT trainee
10:45-11:00	<i>Question and Answers</i>	All participants
11:00-11:45	Cause and Effect of Climate Change	ToT trainee
11:45-12:00	<i>Question and Answers</i>	All participants
12:00-13:30	<i>Lunch Break</i>	All participants
13:30-15:25	Climate Change Mitigation	ToT trainee
15:25-15:40	<i>Coffee Break</i>	All participants
15:40-16:20	Climate Change Mitigation	ToT trainee
16:20-16:35	<i>Question and Answers</i>	All participants
16:35-17:00	Closing Remark	Mr. Thav Sopheak

## Appendix02: Picture during Replication Training









