

CLIMATE CHANGE TRAINING REPORT

Hue, 24-26 February 2016

INTRODUCTION

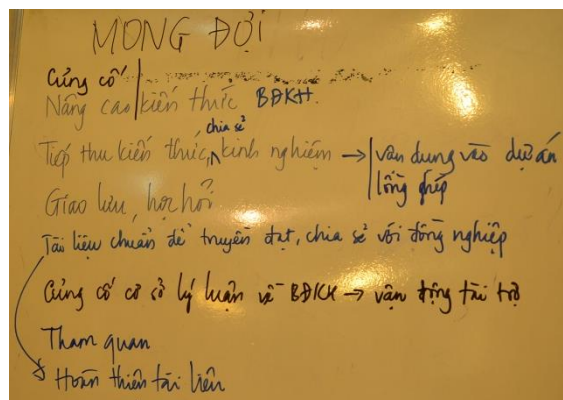
Vietnam's long coastline, geographic location, and diverse topography and climates contribute to its being one of the most hazard-prone countries of the Asia-Pacific region, with storms and flooding, in particular, responsible for economic and human losses. Given that a high proportion of the country's population and economic assets (including irrigated agriculture) are located in coastal lowlands and deltas, Vietnam has been ranked among the five countries likely to be most affected by climate change, its Mekong Delta is one of the world's three most vulnerable deltas (together with the Nile Delta in Egypt and the Ganges Delta in Bangladesh) to the sea level rising.

To address the need for building capacity on climate change, Vietnam Red Cross organized the Climate Change Training for its 22 staff from headquarter and 16 Chapters. This training also aims to promote the resilience approach through integration of climate change into VNRC community-based programme. The training is supported by Canadian Red Cross through the *Regional Resilience Initiative*¹ and facilitated by 3 VNRC staff, 1 IFRC staff and 1 German RC staff who have attended the Regional Climate Change Master Training.

PARTICIPATIONS' EXPECTATIONS AND PERCEPTIONS OF CLIMATE CHANGE

The facilitator has asked each participant to give their expectations to this training, and below is summary of their expectations:

- Strengthened their knowledge of climate change;
- Acquired more knowledge, shared experience and lesson learnt with regard to mainstreaming of climate change into their on-going programme;
- Finalized the training curriculum to further share within RC family and promote integration of climate change;
- Better understanding of climate change for development of project proposal and negotiation with donors.

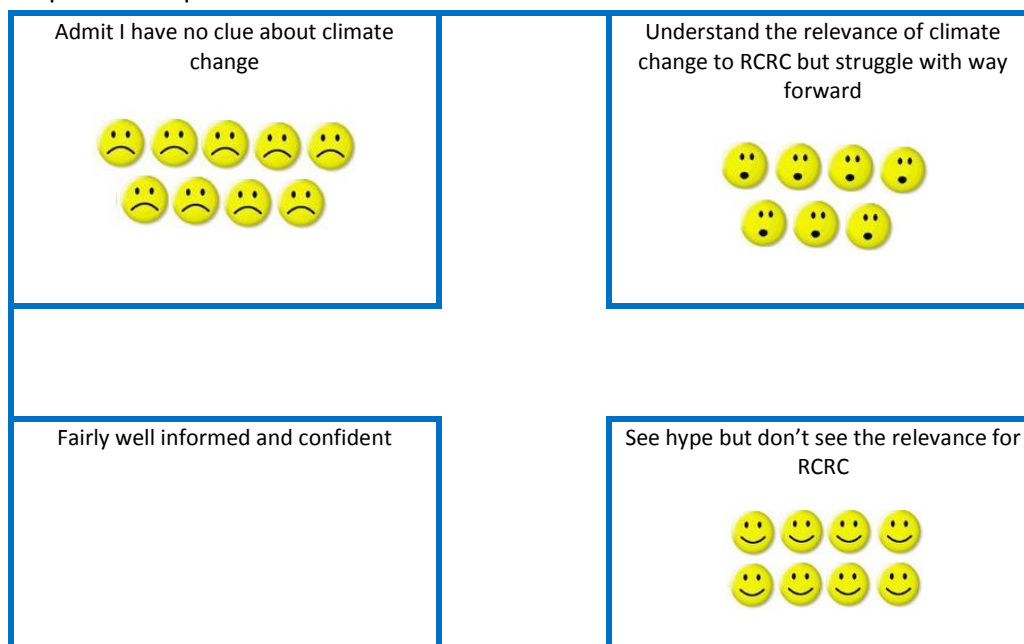


¹ The *Regional Resilience Initiative* seeks to further contribute to **reducing the impact of natural disasters on vulnerable communities in Southeast Asia**. The three-year initiative (2014-2016) will focus on the 11 Red Cross / Red Crescent Societies in the region: Brunei, Cambodia, Indonesia, Lao PDR, Myanmar, Malaysia, Philippines, Thailand, Singapore, Viet Nam, and Timor Leste. The focus is on enhancing the skills and capacities of National Societies so they can **advocate more strongly at a national and regional level for the needs of communities in disaster risk reduction**. This will be complemented by **strengthening of regional partnerships and cooperation** with the ASEAN secretariat and other bodies on the same issues.

To get better understanding of the participants' attitudes and perceptions of their knowledge of climate change, they were then asked to locate themselves in one of the following four categories:

- Admit I have no clue about climate change;
- See hype but don't see the relevance for RCRC;
- Understand the relevance of climate change to RCRC but struggle with way forward;
- Fairly well informed and confident

The participants then positioned themselves as below:



DAY 1 – SESSION 1: BASIC CLIMATE CHANGE TERMINOLOGIES – Pham Thanh My (VNRC DM Department)

Objective: help participants understand some basic climate change terminologies and their definitions which are listed below:

- Natural disaster prevention and control works;
- Natural disaster prevention and control;
- Natural disaster risks;
- Vulnerabilities;
- Natural disaster;
- Vulnerable people;
- Weather
- Climate
- Climate change
- Difference between weather – climate and climate change
- Greenhouse
- Climate change adaptation and mitigation
- El Niño and La Niña.

Summary: the facilitator provided participants the key terms and their definitions and gave them 15 minutes to discuss and match the terms with their corresponding definitions. The session was then guided by the facilitator, with the groups making corrections as needed.



DAY 1 – SESSION 2: OVERVIEW OF CLIMATE CHANGE AT GLOBAL AND IN VIETNAM – Tran Quoc Hung (VNRC DM Department)

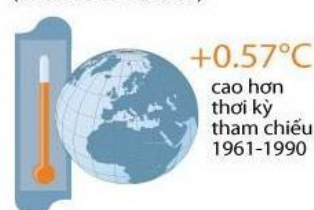
Objective: give the participants an overview of climate change from global to SEA region and in Vietnam and explain on the causes and impacts of climate change

Summary: in this session, the facilitator explained what is climate change; what is greenhouse gases; why the earth is warming. In addition, some figures and facts as well as future forecasts which were collected from different studies, were also provided to prove the impacts of climate change, some of these are:

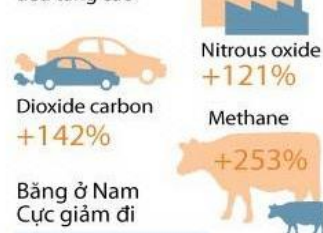
- Average annual sea level rise is at 1.8mm per year during 1962 - 2003; and at 3.1mm per year during 1993 - 2003;
- Over past 100 years, the sea water has raised up by 0.31m;
- Forecast shows that at the end of 21st century, average temperature will increase by 2 – 4.5 degree Celsius and sea water will increase by 0.18 – 0.59mm; etc.

2013-14: Những kỷ lục về khí hậu

Nhiệt độ không khí cao nhất (trên đất liền và biển)



Hầu hết khí gây hiệu ứng nhà kính trong không khí đều tăng cao



Băng ở Nam Cực giảm đi



Nguồn: IPCC

AFP Vietnam

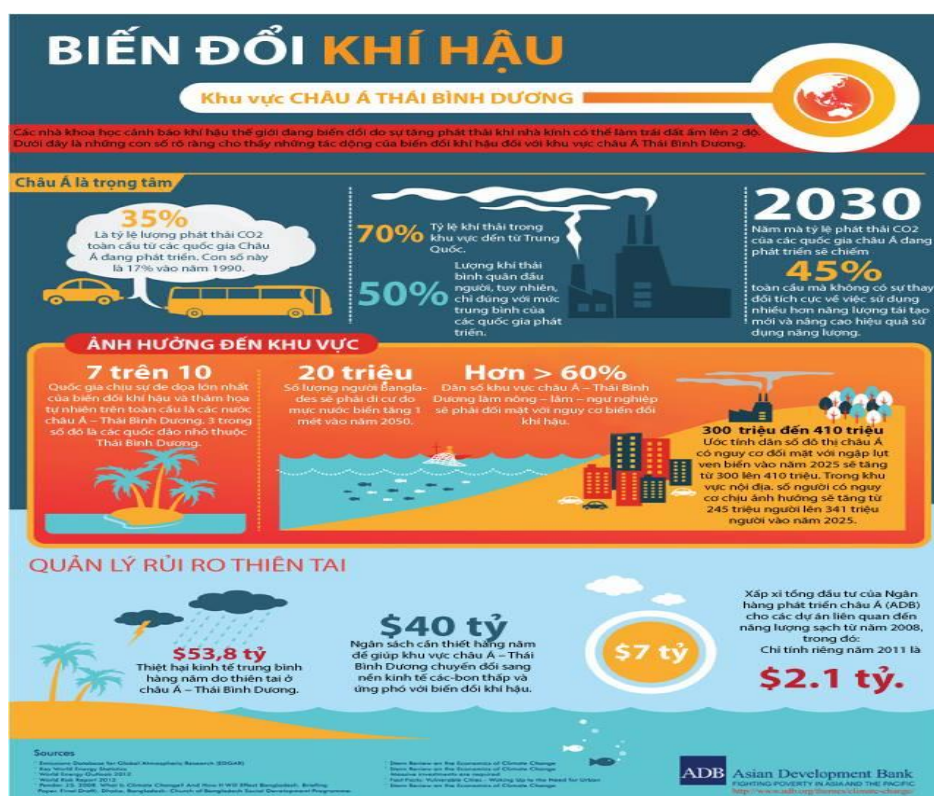


Photo 4 Statistics relating to climate change and its impacts

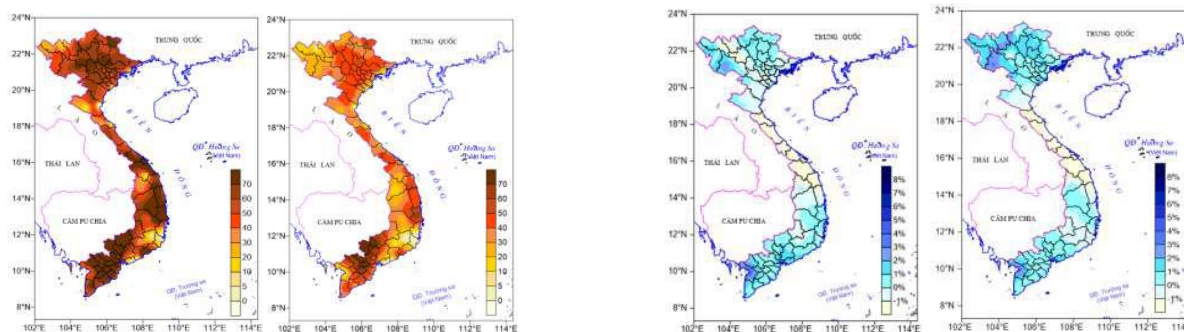
DAY 1 – SESSION 3: CLIMATE CHANGE IMPACTS TO VIETNAM – Nguyen Tien Dung (German RC)

Objective: provide participants potential picture of climate change impacts to Vietnam at the end of 21st century based on the [Climate change and Sea level rise Scenarios for Vietnam](#) officially introduced by Ministry of Natural Resources and [Environment and Vietnam Special Report on Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation \(SREX\)](#).

Summary: 10 minutes were given to 5 groups to discuss on potential impacts of climate change to 5 areas – (i) Water; (ii) System Ecology; (iii) Food Security; (iv) Infrastructure and services; and (v) Health and welfare. The SREX report also classifies potential impacts of climate change into these 5 areas.

Following presentations of each group on their discussion results, the facilitator has summed up the discussions and shared some key findings from the SREX Report.

Potential impacts to water



Potential impacts to system ecology

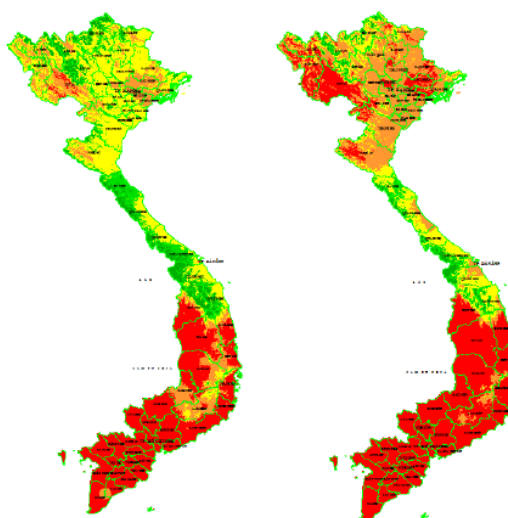


Photo 7 Comparison of forest fire risks in 2010 (left) and 2090 (right)

Potential impacts to health and social welfare

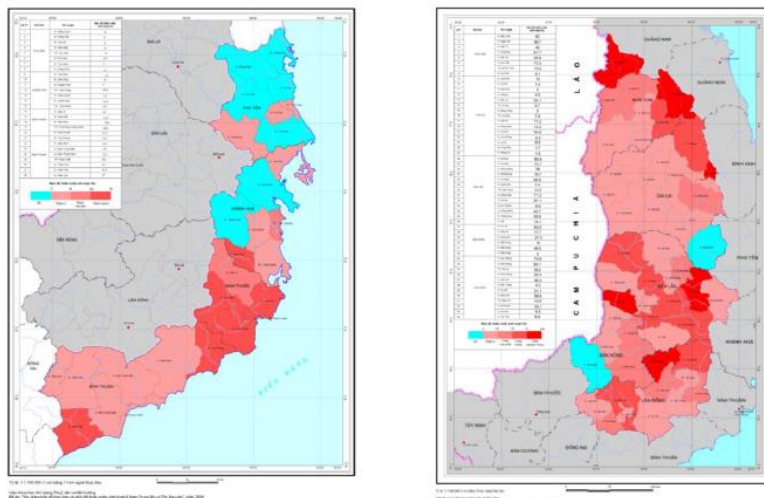


Photo 7 Lack of water in South Central (left) and Highland (right) of Vietnam

DAY 1 – SESSION 4: MAIN RESULTS OF COP 21, CONTENTS OF PARIS AGREEMENT AND ITS IMPLICATIONS TO VIETNAM – Pham Thanh My (VNRC DM Department)

Objective: The training was organized coincidentally just after the COP 21 which will, for the first time in over 20 years of UN negotiations, aim to achieve a legally binding and universal agreement on climate, with the aim of keeping global warming below 2°C. This session aims to provide updates on the Paris Agreement and its relevance to Vietnam as well as RCRC Movement.

Summary: the session started with short clip about COP 21, what Vietnam PM has committed in COP 21 and what are contributions of Vietnam Delegation in COP 21. Following that, the facilitator explained what are UNFCCC, IPCC, COP; what are key contents of the Paris Agreement; what are follow-ups after COP 21 for Vietnam; what are opportunities and challenges to Vietnam after COP 21; and what are the RCRC views of COP 21.

DAY 1 – SESSION 5: VIETNAM GOVERNMENT WITH CLIMATE CHANGE: NATIONAL STRATEGY AND PLAN OF ACTION ON CLIMATE CHANGE AND NATIONAL TARGET PROGRAM FOR RESPONDING TO CLIMATE CHANGE – Tran Quoc Hung (VNRC DM Department)

Objective: raise participants' awareness of relevant legal documents relating to climate change

Summary: the facilitator shared key contents of the National Strategy and Plan of Action on Climate Change and National Target Program for Responding to Climate Change and numbers of climate change related regulations.

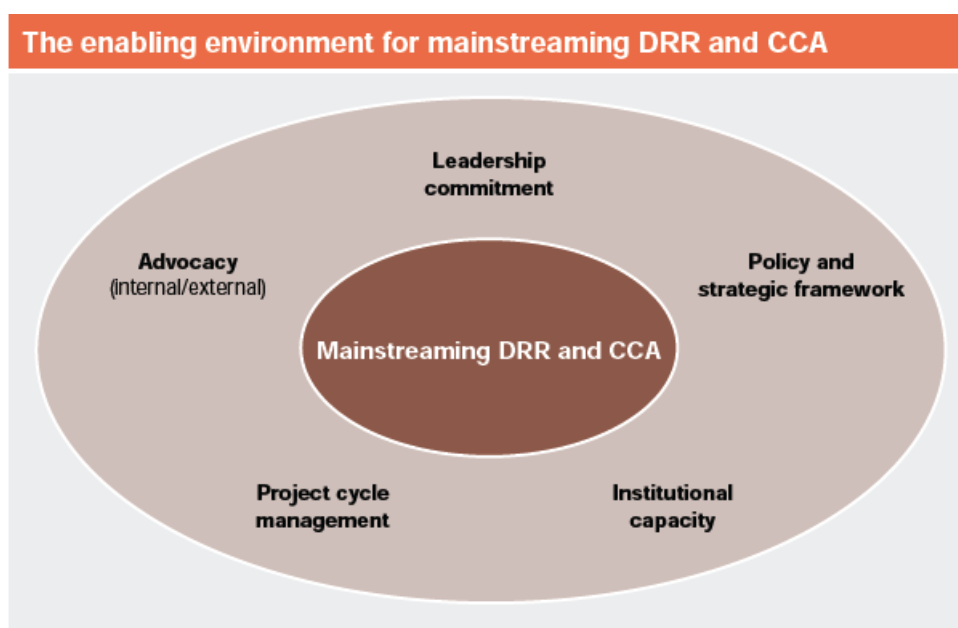
DAY 2 – SESSION 1: CLIMATE CHANGE RESPONSE AND MAINSTREAMING OF CLIMATE CHANGE – Nguyen Thai Anh (IFRC)

Objective: help the participants to understand the difference between disaster risk reduction, climate change adaptation and climate change mitigation; the common areas of disaster risk

reduction and climate change adaptation; and the suggested steps for mainstreaming of CCA into DRR

Summary: the participants were asked to place 'activity' cards into 3 circles titled DRR, CCA and CCM which were partially overlaid on each other. The participants have actively discussed on whether the activities are related to DRR, CCA, or CCM; or either DRR and CCA; DRR and CCM; or CCA and CCM or even all DRR, CCA and CCM. In conclusion of the exercise, the facilitator explained that there are many activities which are being implemented in DRR, could be mainstreamed with CCA if the project officer considers these activities from the angle of both DRR and CCA at development stage.

Following the exercise, the facilitator presented the suggested steps for mainstreaming of DRR and CCA based on the A Guide to Mainstream Disaster risk reduction and Climate change adaptation.



DAY 2 – SESSION 2: HEALTH AND CLIMATE CHANGE – Vu Huu Tuyen (VNRC Healthcare Department)

Objective: help participants understand how climate change impacts to people health

Summary: the facilitator explained on how the climate change affects people health through increase of climate sensitive disease; increase of vectors due to temperature rise; change in the pattern, frequency and locations of disease outbreaks. In addition, adaptive measures and utilization of climate information were shared to reduce disease risks and improve people health.

DAY 2 – SESSION 2: EARLY WARNING EARLY ACTION (EWEA) AND PUBLIC AWARENESS PUBLIC EDUCATION (PAPE) – Pham Thanh My (VNRC DM Department) and Nguyen Tien Dung (German RC)

Objective: understand the importance of EWEA and know how to use weather and climate information to address climate risks

Summary: In order to help people understand the importance of EWEA, a serious game 'Paying for Predictions' was introduced. At the end of the game, some take-away messages were withdrawn:

- Groups 1: even we have invested in the early warning system, however we still lost all of our properties because we did not take the warning seriously;
- Group 2: we did not invest in the early warning system and we ended the game with very little money because we were very lucky;
- Group 3 (champion): we invested in the early warning system and always took preparedness activities when the system issued high risk warning;
- Group 4: same with group 2.

Following the game, the facilitator explained the four elements for an effective early warning system – risk knowledge; monitoring and warning; response capabilities; dissemination and communication

DAY 3 – SESSION 1: EXPERIENCE SHARING ON CLIMATE RISK ASSESSMENT AND MAINSTREAMING OF CLIMATE CHANGE FROM CLIMATE SMART PROGRAM IN MEKONG DELTA RIVER – Nguyen Tien Dung (German RC)

Objective: help participants to realize how mainstream DRR and CCA in practical

Summary: Experience on developing and implementing Climate smart program was shared by German RC staff who is also manager of this program. The facilitator clearly explained that this program is a DRR program as many other DRR programs VNRC has been implementing, however apart from disaster risks, the program also considered climate risks in its interventions. The facilitator shared steps on how they developed and implemented this program from assessment to evaluation stage as well as what are the achievements.

DAY 3 – SESSION 2: VNRC FUTURE DIRECTIONS TOWARD DISASTER PREPAREDNESS AND RESPONSE (INCLUDING CLIMATE CHANGE) – Nguyen Tien Dung (German RC)

Objective: raise VNRC Chapter staff awareness of what are VNRC HQ future directions with regard to disaster preparedness and response.

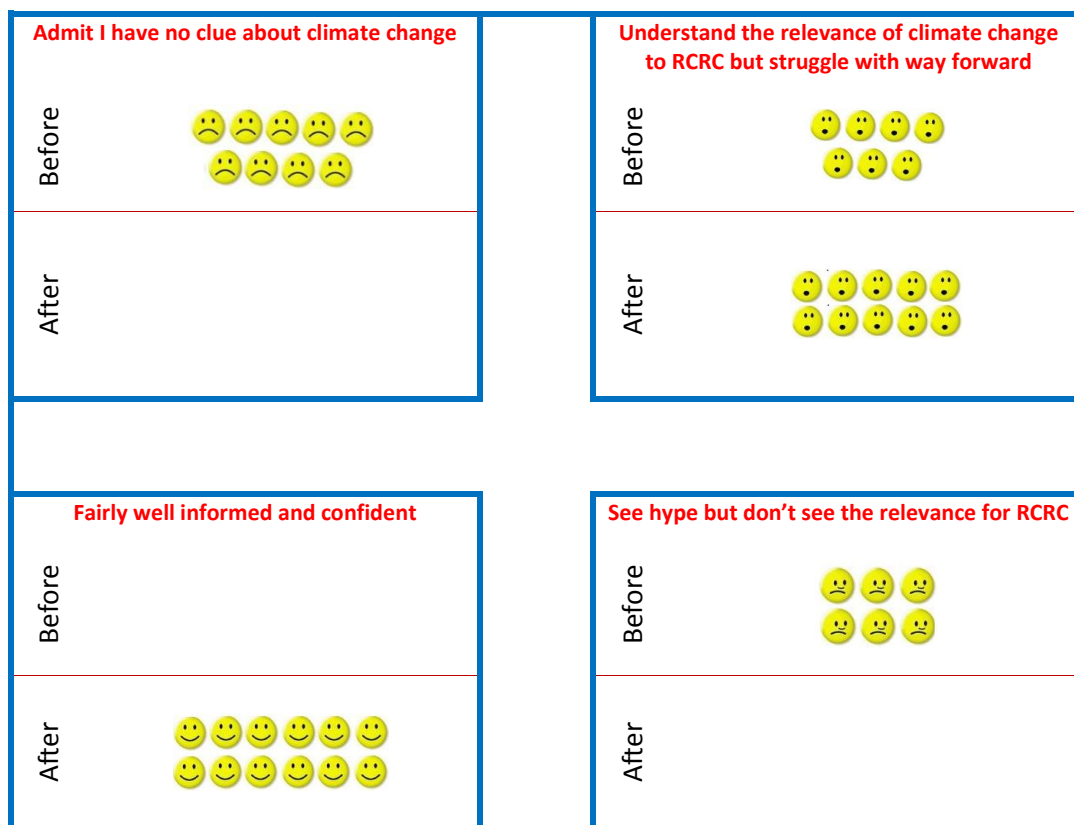
Summary: VNRC DM Director shared VNRC priorities in disaster preparedness and response:

- Implement Cooperative programs with government (MARD), Fatherland Front and other civil societies in disaster management;
- Carry out relief operation;
- Document VNRC achievements in disaster risk reduction;
- Review and revise VNRC SOPs;
- Strengthen capacity for VNRC staff;

CLOSING SESSION

In order to understand how the training improved the participants' knowledge of climate change, the participants were asked to stand in the corner that they feel most comfortable after the training:

- Admit I have no clue about climate change;
- See hype but don't see the relevance for RCRC;
- Understand the relevance of climate change to RCRC but struggle with way forward;
- Fairly well informed and confident



After training, the participants selected only two corners to stand. 10 participants said that they now understand the relevant of CC to RCRC but are not very sure how to integrate CC into their project or daily work as it would require more practical experience and also have more chance to involve in climate smart program. The remaining 12 participants have shown their confidence in understanding of climate change and knowing how to integrate into their project, e.g. considering climate risk when developing project proposal or integrate basic climate change knowledge into their CBDRM training curriculum, etc.

ANNEX 1 - AGENDA

TIME	DAY 1	DAY 2	DAY 3
08.00-08.30	<ul style="list-style-type: none">- Opening speech- Introduction	Recap	Recap
08.30-10.00	Frequently used basic Terminologies and their definitions in Climate Change Tien Dung - Thanh My	Response to Climate Change (adaptation and mitigation) and mainstreaming (including mainstreaming in VCA process) Thai Anh	Assessing climatic risks at community level and mainstreaming adaptation in community based project activities Tien Dung
10.00-10.15	TEA BREAK		
10.15-11.30	<ul style="list-style-type: none">- Overview of global and Vietnam climate change.- Basic Science and facts of climate change - Past, present and the future.- Impacts of climate change Quoc Hung	Health and Climate Change Huu Tuyen	<ul style="list-style-type: none">- Orientation of Vietnam Red Cross on disaster preparedness and response (including mainstreaming of climate change)- Closing session Quoc Hung
11.30-13.30	LUNCH		
13.30-15.30	Sharing the main results of COP 21, contents of Paris Agreement and its implications to Vietnam; Thanh My Vietnam Government with climate change: National Strategy and Plan of Action on Climate Change and National Target Program for Responding to Climate Change Quoc Hung	<ul style="list-style-type: none">- Early warning Early action- Public Awareness Public Education Thanh My - Tien Dung	
15.30-15.45	TEA BREAK		
15.45-17.00	Vietnam Government with climate change: National Strategy and Plan of Action on Climate Change and National Target Program for Responding to Climate Change (continued) Quoc Hung	Group exercise on mainstreaming Tien Dung and groups	

ANNEX 2 – List of participants

#	NAME	SEX	POSITION	ORGANIZATION	EMAIL
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7	Lê Hồng Thanh	Female	Project Officer	Lao Cai Chapter	hoangthanhlc@gmail.com
8	Nguyễn Thị Thu Ba	Female	Vice Chairman	Ha Giang Chapter	thubactdhg@gmail.com
9	Mai Lê Thuộc	Male	Vice Chairman	Ha Tinh Chapter	mailethuoc69@gmail.com
10	Hoàng Lương	Male	Project Officer	Hai Phong Chapter	hoangluongctd.hp@gmail.com
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12	Lý Hoàng Anh	Male	Project Officer	Quang Nam Chapter	lyhoanganh1974@gmail.com
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14	Nguyễn Thị Hương	Female	Project Officer	Hoa Binh Chapter	quynhhuongctd@yahoo.com.vn
15	Trình Kim Tú	Male	Health Department	Ninh Binh Chapter	kimtuctd@gmail.com
16	Trần Ngọc Phương	Female	Chairman	Bac Lieu Chapter	tranngocphuong@gmail.com
17	Phạm Yên Ly	Female	Project Officer	Ca Mau Chapter	phamyenly1985hctd@gmail.com
18	Nguyễn Ngọc Hùng	Male	Chairman	Hue Chapter	hung.nguyenngoc60@yahoo.com.vn
19	Đoàn Quảng Trị	Male	DM Director	Hue Chapter	doanqtri@gmail.com
20	Nguyễn Lương Hồng	Female	Chairman	Nghe An Chapter	luonghongna@gmail.com
21	Ngô Sỹ Chiến	Male	Project Officer	Nghe An Chapter	ngosychienctdnghean@gmail.com
22	Trần Quốc Toàn	Male	Project Officer	Quang Tri Chapter	tranquoctoanvl@gmail.com