

Climate Adaptation Framework Capacity Development Final Report



Project Reference Number: CAF2015-CD02NMY-Nhat

Capacity Building for National, Provincial Stakeholders and Remote Communities on Loss and Damage related to Disaster Risk Reduction and Climate Change Adaptation

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Project Overview

Project Duration	: 24 months
Funding Awarded	: 78,400 USD; year 1: 47,100 USD and year 2: 31,300 USD
Key organizations involved	: <ol style="list-style-type: none">1. Dr. Le Minh Nhat (Project Leader), Director of Climate Change Adaptation, Department of Metrology and Climate Change (DDMHC), Ministry of Natural Resources and Environment (MONRE), VIETNAM, nhatkyoto@gmail.com2. Dr. Luong QuangHuy, DMHCC, MONRE, huylq98@gmail.com3. Mr. Nguyen KhanhToan, DMHCC, MONRE, toan.nk99@gmaml.com4. Dr. Tran Huu Tuan, Hue Economic University (HEU), tuantranhuu@yahoo.com5. Dr. Tran Van GiaiPhong, HEU, giaiiphongjp@gmail.com6. Mr. Tran Tuan Anh, Vietnam, HEU, tuananh.tran@housing-resilience.com

Project Summary

Vietnam has suffered from significantly increased climate extremes in recent time with complicated occurrences of typhoons, floods and other extreme events. Although Vietnam has been active in implementing Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) initiatives at all levels, Loss and Damage (L+D) still occur and severely affect vulnerable communities, especially those in remote areas. The reality shows that understanding of the loss and damage is extremely needed for climate change adaptation experts. However, there is lack of capacity of the loss and damage at local level in Vietnam, especially compensation mechanism. In 2014, Department of Meteorology and Climate Change (DMHCC) in collaboration with Hue Economic University developed a project of capacity building for loss and damage (L&D) for officials, experts and the communities on DRR, CCA and L&D at both national and provincial level. The project specifically targeted the line Ministries such as Ministry of Agriculture and Rural Development, Ministry of Finance, National Committee of Disaster Prevention and Control, National Committee of Climate Change, Provincial department of natural resources and environments and department of disaster prevention and management. An instruction and the measurement tools were introduced to the provincial and local authorities and departments to assess the L&D relating to DRR and CCA. The indigenous knowledge of how local people response to natural disasters was documented and took into consideration while formulating DRR and CCA strategies at local level. In order to optimize national and local resources to support DRR and CCA, the linkages among agencies who are working in both DRM and CCA fields have been further strengthened.

Keywords: *Climate Change Adaptation (CCA); Disaster Risk Reduction (DRR); Loss and Damage (L&D); Vietnam.*

Project outputs and outcomes

Project outputs:

- A desk review report of the laws and policies relating to DRR, CC and L&D
- A report of loss and damage data collected before and after CCA and DRR effort in the three case study provinces of Lang Son, QuangBinh and Ben Tre.
- A national workshop with 100 participants including climate scientists, policy makers, government authorities, climate change focal point at line ministries, and members at the office of central committee for flood and storm control.
- A workshop proceeding summarizing the status of implementing CCA and DRR activities, Warsaw International mechanism on L&D, and discussion and actions to be taken to close the gaps between DRR and CCA integration
- 90 climate change focal point at line ministries and provinces, member of Committees for Flood & Storm Control and Search and Rescue of provinces trained on L&D in Ha Noi and Ho Chi Minh City
- Three trainings for district and commune-level authorities, community-based organisations, and at-risk groups in the remote areas who often lack of resource and capacity in response to climate extremes in Hue (40 participants) ,QuangBinh (35 participants) and Quang Nam (35 participants).
- Training materials of DRR, CCA and L&D, which focused on loss and damage of housing and livelihoods due to climate change and natural disasters, new notions and experiences on climate change and natural disasters and climate and disaster resilience for housing, livelihoods, and other community sectors.

Project outcomes:

- Identification of L&D assessment recommendations to Circular No. 43/2015 / TTLT-BNNPTNT-BKHDT dated 23 November 2015 guiding the statistics and assessment of damage caused by natural disasters.
- Identification of a need to establish a national mechanism to integrate CCA into DRR activities
- Integration of a new approach that efficiently takes into account of both financial and human resources needed to address the L&D into a new circular on Financial mechanism in Agriculture sector.

Key facts/figures

- 200 legal and policy documents of CCA, DRR reviewed
- A national policy dialogue involving more than 100 national and provincial government officials, climate scientists, policy makers, government authorities, climate change focal point at line ministries, and members at the office of central committee for flood and storm control
- Two national training workshop with 90 climate change focal points at line ministries and provinces, member of Committees for Flood & Storm Control and Search and Rescue of provinces
- Three provincial training workshops with district and commune-level authorities, community-based organisations, and at-risk groups in the remote areas who often lack of resource and capacity in response to climate extremes

Potential for further work

The trained officials are focal points and department leaders at both national, provincial and district and communal levels who will transfer their knowledge to other colleagues in different formats, such as integration of this new issue into their regular meetings. The trained officials will be in charge of developing plan and preparing reports of loss and damage assessment, will take into account these aspects of L&D in DRR and CCA to ensure fuller and comprehensive plan or reporting.

The new circular Ministry of Agriculture and Rural Development, Ministry of Planning and Investment, *Circular No. 43/2015 / TTLT-BNNPTNT-BKHDT dated 23 November 2015 "Guiding the statistics and assessment of damage caused by natural disasters"* and Decree No. 02/2017 / NĐ-CP by the Government on mechanisms and policies to support agricultural production in order to restore the production of areas damaged by natural disasters and epidemics. Also require further capacity building and dissemination for its effective implementation, which will use the existing training materials developed for the project.

There are some implications derived from the trainings and workshops that can be learnt for future DRR and CCA planning and implementation through the lens of L+D:

- Concretize the definition of L+D within a specific context and background of target group(s) to allow their full understanding of L+D within their areal or sector boundary.
- Find more evidences, possibly through research or intervention projects, to show the importance and necessity of approaching to the issue of DRR and CCA from the L+D angle.
- Investigate the linkage between L+D and resilience, one of the most common approaches for DRR and CCA in recent years in Vietnam.
- Integrate concepts of L+D into local plans and strategies, through opened and focused discussions and consultations, to improve local capacity and to strengthen community resilience.
- Investigate the relationship between local socio-economic development plans and resilience enhancement through the lens of L+D.
- Raise the awareness and capacity of local staffs or officials and community members, especially the village/quarter heads and vulnerable households, in mainstreaming L+D reduction measures in planning and action.
- Assess the impact of L+D approaches on social settings and institutional frameworks to see whether it can be an alternative way of enhancing social/institutional resilience in the face of climate change and natural disaster.

Publications

- Nhat L.M., Lien M. K., My P. T., Toan N. K., *The relationship between Climate Change Adaptation and Disaster Risk Reduction from the context of Loss and Damage*, Vietnam's Natural Resources and Environment Journal, 2015.
- Ministry of Agriculture and Rural Development, Ministry of Planning and Investment, *Circular No. 43/2015 / TTLT-BNNPTNT-BKHDT dated 23 November 2015 guiding the statistics and assessment of damage caused by natural disasters*.

Acknowledgments

We would like to convey our thanks to APN for their financial and technical support for this important project. We also would like to express our sincere thanks to leaders and officials of the Department of Metrology and Climate Change of Ministry of Natural resources and Environment for providing technical support and engagement in the project. Special thanks will also be given to our colleagues at Hue Economic University, especially Dr Tran Huu Tuan, Dr Tran Van Giai Phong and Tran Tuan Anh for their enthusiasm and cooperation in this project. Last but not least, the project cannot be a success without technical support from different experts and national organizations working on these issues.

1. Introduction

Vietnam suffers a significantly increasing climate extremes in recent time with complicated occurrences of typhoons, floods and other extreme events. Although Vietnam has been active in implementing Climate Change Adaptation (CCA) and Disaster Risk Reduction (DRR) initiatives at all levels, Loss and Damage (L+D) still occur and severely affect vulnerable communities, especially remote communities. Loss and damage in agricultural sector now remain as challenge issues, to demonstrate, if sea level raises according scenario, by 2100, our country will lose a further 7.59 million tons of rice for the Mekong Delta. Along with other challenges such as shrinking productive land due to urbanization and industrialization, degradation and depletion of natural resources. According to Ministry of agricultural and rural development, loss and damage caused by natural disasters in agriculture accounted average for 52.1% annual total loss in GDP during a period of 2010-2014. Agriculture contributes lower proportion of GDP but it still remained as the source of life of over 70% of the population in Vietnam. Therefore, any damages caused by natural disasters on agriculture would bring more damage to poor farmers and resilience will be difficult because it requires a longer time. The reality shows that the understanding of loss and damage obviously is extremely needed for climate change adaptation experts. However, the capacity of loss and damage at local level is still limited in Vietnam, especially in the compensation mechanism. In 2014, the Office of Viet Nam National Climate Change Committee collaborates with Hue Economic University, proposes a capacity building project including a national workshop and a series of training courses at local level for loss and damage (L&D) topic. Proposed activities aim to create the common understanding of L&D, and establish a comprehensive linkage among national agencies and local communities to address L&D through disaster risk reduction (DRR) and CCA initiatives.

2. Methodology

The project conducted a desk review of laws and policy documents relating to CCA and DRR. An assessment of the implementation of the policies was undertaken, based on the annual reports of national CCA and DRR programmes such as National Target Programme Responding to Climate Change, Support Programme responding to Climate Change and data from Central Committee for Flood and Storm Control. A case study of L&D data before and after CC and DRR effort was undertaken in the 3 provinces of Lang Son, QuangBinh and Ben Tre, representing different regions of Viet Nam. The assessment results were validated with national and local authorities at a national workshop.

The assessment findings and data collected were used as inputs for development of training materials of CCA and DRR. The training was conducted using participatory approaches.

3. Results & Discussion

3.1. To provide a common understanding of Loss and Damage concept among climate change adaptation practitioners and disaster risk reduction communities at central levels.

A team of experts from the Department of Meteorology, Hydrology and Climate Change, which is a hosting agency of the National Target Program to Response to Climate Change

(NTP-RCC), was established. The team discussed and agreed upon the term of reference of each of the team members and convened regular meetings to review the progress achieved during the implementation of the project.

The team reviewed more than two hundred of CCA related documents and more than one hundreds legal documents in DRR. The team found that the DRR legislation system was well established in comparison with CCA more recently launched in 2008. DRR tends to focus on emergency responses and habitually is absent of long term visions and sustainable recover strategies while CCA documents are fully integrated with long term vision but commonly lack of feasible plans to translate its ambitious agenda. It is found that existing mechanism to address natural disaster related L&D has normally been implemented by the Provincial People Committees. L&D data has been counted and reported annually. However, there was a lack of accuracy of the data due to lack of synthesized methodologies and proper tools to estimate L&D applicable throughout the country.

In addition to the desk review of the legal and policy documents, the team conducted three field trips Can Tho, Ben Tre and Lang Son to identify policy gaps between central level and provincial level on disaster risk reduction, classify and calculate damage and propose actions in responding to disasters including short term and long term ones. Questionnaires were developed for the interviews to identify the gaps in Vietnam's loss and damage mechanisms.

At the same time, Hue team's mission was to get better understanding and analyze how province people's committee ran their processes in respond to the natural disasters. In order to do this, a training on measures to address loss and damage based on climate change adaptation and disaster risk reduction initiatives was organized in Hue.

One of the difficulties in collecting data is a lack of formalized reporting mechanism of L&D, resulted in insufficient and scattered data of L&D at both national and provincial levels. In order to address this challenge, the team had to search for as much as possible data and information related to L&D, and to compile the data in a systematic way for analysis.

Based on the desk review results and field data collection and analysis, the team developed and submitted an article entitled "The relationship between Climate Change Adaptation and Disaster Risk Reduction from the context of Loss and Damage" to the journal "Vietnam's Natural Resources and Environment Magazine".

The desk review findings and data collected in the selected provinces were used for development of the training materials from November 2016. Materials used at the training courses were thoroughly reviewed by leading experts in the fields of CCA and DRR.

Two trainings in Ha Noi and Ho Chi Minh City were organized 19 to 20 August 2016 and 1 and 2 March 2017 respectively for a total of 90 participants who were focal points and officials from lined ministries, Northern and Southern provinces, Committees for Flood & Storm Control of Northern and Southern provinces. Trainers were the team members and some experts from the organizations outside. The participants were provided with updated information of DRR, CCA and L&D, including newly adopted legal documents and policies in this area, and discussed guidelines of L&D assessment and a new mechanism of L&D in relation to DRR and CCA. The training workshops created a "platform" which brought together stakeholders to share information and experience, so as to bridging data gaps. Almost all of the participants shared that these trainings were useful for them, enabling them to get most updated information and learn experiences and good practices from their colleagues from other provinces. It was suggested that such a platform on this topic should be regularly held with participation of more and more people working on these issues, including both government and non-governmental organizations.

3.2. To document indigenous knowledge of how local people responses to natural disasters and take into consideration while formulating DRR and CCA strategies at local level

A team of Hue university experts was set up to undertake the initiative. The team carried out the data collection in Quang Nam, QuangBinh and ThuaThienThien Hue provinces. The team combined the desk review and field works in the provinces. On reviewing the policies and regulations, the team identified the gaps, needs and areas for improvement related to L&D in the context of DRR and CCA. These findings/results are of importance and useful for the authorities from provincial to commune levels to revise the existing policies or develop new ones. In addition, the team met and discussed with different stakeholders from provincial to grassroots levels for collecting the best practices.

A training course for the province of ThuaThien Hue was organized on 12 and 13 May 2015. The training was aimed to enhance knowledge and understanding of DRR, CCA and L&D for key officials from the line departments and agencies involved in implementing disaster risk reduction and climate change adaptation activities. The participants were provided with updated information of DRR, CCA and L&D, including new adopted governmental legal documents and policies in this area.

Two trainings in QuangBinh (10 th and 11 th August 2016) and Quang Nam (14 th and 15 th October 2016), the training sessions were conducted for district and commune-level authorities, community-based organizations, and vulnerable groups in the remote areas who often were lack of resources and capacity in respond to extreme climate events with basic and advanced knowledge of climate change and natural disasters, skills of assessing loss and damage triggered by them, measures of loss and damage reduction, and clarified roles and responsibilities of key involved stakeholders. These trainings helped raise awareness and capacity for climate resilience and significantly contribute to the establishment of an enabling environment where DRR and CCA strategies function effectively.

3.3. To strengthen the linkage among agencies who are working in both DRM and CCA fields.

During the data collection, the teams established network of experts on DRM and CCA from related lined Ministries at the central level and also at the provincial level.

A workshop for designated agencies on climate change at central levels in Vietnam was organized on 15 May 2015 in Ha Noi with participation of more than one hundred participants, including more than forty officials from lined Ministries and twenty people from the provinces those who directly involve in policy-making process on climate change, and the media. The workshop was aimed to share knowledge of CCA-DRR-L&D, sharing good practices of local, experiential and indigenous knowledge and measures to integrate DRR-CCA to address L&D for sustainable development. At the workshop, the participants were provided with updated information of implementing CCA and DRR activities, especially the desk review results and data collected in the fields, the Warsaw international mechanism on Loss and Damage.

The workshop also discussed gaps between DRR and CCA integration and opportunities for integration of DRR and CCA in the related policies. It was found that existing mechanism to address natural disaster related L&D has normally been implemented by the Provincial People Committees. L&D data was accounted and reported annually. However, the data accuracy was still considered a concern due to lack of synthesized methodologies and

proper tools to estimate L&D. One of the recommendations raised by the participants to address legal and policy gap was to develop a national guidance on L&D assessment and a mechanism of loss and damages compensation, especially for the natural disaster and CC heavily affected areas. The workshop results will be used to inform the law and policy making process.

Furthermore, the workshop created a chance for the NTP office to improve their coordination role in directing and ensuring effectiveness of DRR and CCA activities by the lined ministries and provinces.

4. Conclusions

The project was kicked off in July 2014 and has achieved the project objectives. Two tasks completed mark the success of the project: (1) data collection on DRR, CCA and L&D through desk review and field work, and (2) enhancing common understanding of L&D in the context of DRR and CCA through a training at provincial level and a national workshop. There were no major difficulties faced during the implementation of this project. All collaborators contributed towards the achievement of the project objectives. Local government officials, researchers, and the provincial government officials were also highly enthusiastic, motivated and actively participated in the project activities.

Moreover, through this capacity building programme, it was clear to the participants that there is a need for improvement of understanding of climate science, assessment and risk reduction for both slow and rapid climatic disasters, adaptation, and efficient policies coupled with an empowered community to effectively reduce Loss and Damage (L+D). Besides, this programme provided the relevant stakeholders with better understanding of linkages between Climate Change Adaptations (CCA), Disaster Risk Reduction (DDR), and Loss and Damage (L+D). As a result, knowledge and the skills gained during the training helped the officials in the leadership role do their better job of DRM and Climate Change project management, especially with vulnerable communities. These trainings facilitated the practitioners to a plan to respond more effectively to disasters, preserving lives and livelihoods, eventually preventing the effects of natural hazards from negatively impacting the development.

The limitations in implementing climate change adaptation measures were identified through desk review of related laws and policies, validation workshop and interviews with different partners. The current policies of CCA and DRR showed that more attention toward post end recovery and rehabilitation has been given while there has been lacking consideration on pre-event preparation and long term recovery and rehabilitation in the context of loss and damage in all aspects. In addition, concepts of loss and damage and its linkage to DRR and CCA plans were not disseminated to local grassroots levels such as community and household levels. People are more familiar with and prefer the conventional former approaches (preventive and resistant measures) rather than L&D reduction solutions.

The project had identified inadequacy in providing humanitarian support after disasters and the lack of long-term vision in disaster risk reduction strategies. In post-disaster recovery and reconstruction, supports still focus on physical reconstruction such as rebuilding damaged houses, roads or community facilities while social and institutional aspects such as community ties, local culture and people's lifestyles or local governance are still addressed in a limited way or even neglected in some cases. Long-term development efforts are not strongly connected to and sufficiently incorporated in recovery and reconstruction efforts, as inferred from the local workshops.

More importantly, due to the desk review findings and the technical discussions supported by the project, these issues were addressed in a new circular on Climate Change

Adaptations (CCA), Disaster Risk Reduction (DDR), and Loss and Damage (L+D). The aspects of L+D and guiding the statistics and assessment of the loss and damage were included in the circular, which guides the local authorities and other grass root levels in *Circular No. 43/2015 / TTLT-BNNPTNT-BKHDT dated 23 November 2015 guiding the statistics and assessment of damage caused by natural disasters* .

5. Future Directions

There are some implications derived from the trainings and workshops that can be learnt for future DRR and CCA planning and implementation through the lens of L+D:

- Concretize the definition of L+D within a specific context and background of target group(s) to allow their full understanding of L+D within their areal or sector boundary.
- Find more evidences, possibly through research or intervention projects, to show the importance and necessity of approaching to the issue of DRR and CCA from the L+D angle.
- Investigate the linkage between L+D and resilience, one of the most common approaches for DRR and CCA in recent years in Vietnam.
- Integrate concepts of L+D into local plans and strategies, through opened and focused discussions and consultations, to improve local capacity and to strengthen community resilience.
- Investigate the relationship between local socio-economic development plans and resilience enhancement through the lens of L+D.
- Raise the awareness and capacity of local staffs or officials and community members, especially the village/quarter heads and vulnerable households, in mainstreaming L+D reduction measures in planning and action.
- Assess the impact of L+D approaches on social settings and institutional frameworks to see whether it can be an alternative way of enhancing social/institutional resilience in the face of climate change and natural disaster.
- Monitor the implementation of the newly adopted circular on *Circular No. 43/2015 / TTLT-BNNPTNT-BKHDT dated 23 November 2015 guiding the statistics and assessment of damage caused by natural disasters*.

Appendix

Conferences/Symposia/Workshops/Training

1. Workshop on Climate Change Adaptation and Disaster Risk Reduction in the context of Loss and Damage

- Time: 15 May 2015
- Venue: Bao Son Hotel , Ha Noi
- Agenda

Time	Contents	Responsibility
08:30 – 9:00	Registration	DMHCC, MONRE
09:00 – 09:10	Participant introduction	DMHCC, MONRE
09:10 – 09:30	Opening remark	DMHCC, MONRE
09:30 – 10:00	Relationship between CCA and DRR in the context of Loss and Damage	Dr. Le Minh Nhat, DMHCC, MONRE
10:00 – 10:10	Q&A	
10:10 – 10:30	Sharing experience on implementing activities of capacity building on Loss and Damage at provincial level	Dr. Tran Huu Tuan, Deputy Head of Faculty of Economic and Development, HEU
10:20 – 10:40	Q&A	
10:40 – 11:00	Photo session and Break	
11:00 – 11:30	Loss and Damage by climate change impacts in agricultural sector: Difficulties and Challenges	Ass Prof/Dr. Dinh Vu Thanh, Deputy Director General of Department of Science and Technology, MARD
11:30 - 11:40	Q&A	
11:40 – 12:10	Disaster risk management: Opportunities and challenges in reducing loss and damage	Dr. Bui QuangHuy, Disaster Mitigation Center, MARD
12:10 – 12:20	Q&A	
12:20 –13:15	Lunch	
13:15 – 13:45	Introduction of the guidance on disaster damage inventory and evaluation	Ms. Dang Huong, DisasterPrevention Department, MARD
13:45 - 13:55	Q&A	
13:55 – 14:25	Difficulties and challenges in developing supporting mechanism of loss and damage by climate change and disaster in Viet Nam	Ms. Nguyen Thanh Van, Institute of Labour Science and Social Affairs, MOLISA
14:25 – 14:35	Q&A	
14:35 - 15:15	Experience on implementing climate change adaptation and disaster risk reduction of Ben Tre province	- Mr. Le Huynh DuyAnh, Office of Climate change of Ben Tre province

15:15 - 15:45	Experience on implementing climate change adaptation and disaster risk reduction of Can Tho province	Ms. Le Dinh Van Khanh, Office of People Committee of Can Tho
15:45 – 16:45	Discussion	All participants
16:45 – 17:00	Conclusion	Mr. Truong Duc Tri, Deputy Director General of DMHCC, MONRE

- *Participant list*

No	Full name	Position/Organization
Ministry of Natural Resources and Environment		
1	Truong Duc Tri	Deputy Director General, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
2	Le Minh Nhat	Director, CCA Division, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
3	Nguyen ToanThang	Director, Clitech, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
4	Nguyen Tien Sy	Office Division, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
5	Vu Hai Ninh	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
6	Pham Thi Minh Hoa	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
7	Hoang ThiHoa	Department of Legislation, Ministry of Natural Resources and Environment
8	TuyetChinh	Natural Resources and Environment News
9	NongAnh Duong	Department of Legislation, Ministry of Natural Resources and Environment
10	Nguyen DucCuong	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
11	Nguyen Trong Hung	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
12	Pham ThiTra My	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
13	Nguyen Thanh Hang	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
14	Luong QuangHuy	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
15	Vu Minh Tuan	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
16	Pham Quoc Tien	Clitech, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
17	Nguyen DieuHuyen	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
18	Le Thi Mai Thanh	Department of Meteorology, Hydrology and Climate

		Change, Ministry of Natural Resources and Environment
19	Nguyen Viet Hung	Natural Resources and Environment News
20	Nguyen DucThien	Natural Resources and Environment News
21	Phan Thi Ha	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
22	Vu Van May	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
23	Bui Duc Son	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
24	Nguyen Van Viet	Vietnam Institute of Meteorology, Hydrology and Environment
25	Nguyen Huu Tai	Hydrometeorology Forecast Center
26	Nguyen ThiHien	Clitech, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
27	Ngo ThiThanhHuong	Clitech, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
28	Pham ThiTuyet May	Clitech, Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
29	Nguyen Van Dai	Vietnam Institute of Meteorology, Hydrology and Environment
30	Doan Le UyenGiang	National committee on climate change
31	Vuong Xuan Hoa	Vietnam Institute of Meteorology, Hydrology and Environment
32	Tran Mai Kien	Vietnam Institute of Meteorology, Hydrology and Environment
33	Nguyen Ngoc Linh	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
34	Nguyen Tran Linh	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
35	Nguyen BichNguyet	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
36	Le HuuThuan	Water Resource Management Department, Ministry of Natural Resources and Environment
37	Hoang Minh Tuyen	Vietnam Institute of Meteorology, Hydrology and Environment
38	Tran Danh Trieu	Hydrometeorology Network Center
39	Nguyen Viet Dung	Department of Meteorology, Hydrology and Climate Change, Ministry of Natural Resources and Environment
40	Nguyen Le Tuan	Ministry of Natural Resources and Environment
41	Nguyen Mai Dang	HANOI Water Resources University
42	Nguyen Van Sy	HANOI Water Resources University
43	Do LenhDuy	HANOI Water Resources University
44	Pham DucToan	Vietnam National University
45	Pham Thu Thuy	Vietnam National University
Line ministries		
46	Nguyen Thi Mai Phuong	Environmental Management Department, Ministry of Health
47	Nguyen Thi Xuan Thang	Ministry of Industry and Trade

48	Hoang Ha	University of Education 1
49	Tran Hong Nhung	Department of Legislation, Ministry of Finance
50	Hoang Nghia Nam	Nhan Dan Newspaper
51	Bui QuangHuy	Disaster Management Center, Ministry of Agriculture and Rural Development
52	Pham La Anh Thu	Disaster Mitigation Center, Ministry of Agriculture and Rural Development
53	Luong Minh Ngoc	Disaster Mitigation Center, Ministry of Agriculture and Rural Development
54	Hoang ThiHien	Disaster Mitigation Center, Ministry of Agriculture and Rural Development
55	Truong Quang Hoc	Hanoi National University - Member of Vietnam Panel Climate Change (VPCC)
56	Le Van Chinh	Ministry of science and technology
57	Ha Huy Ngoc	VAST
58	Phung Tien Thanh	Department of Environment, Ministry of Transportation
59	Nguyen Thanh Van	Institute of Labor Science and Social Affairs, Ministry of Labour, Invalids and Social Affairs
60	Dang ThiHuong	Central Steering Committee for Disaster Prevention
61	Hoang DucTrong	Department of Science, Technology and Environment, Ministry of Agriculture and Rural Development
62	Nguyen ThiTho	Sustainable Rural Development (NGO)
63	Vu The Thuong	Vietnam Non-governmental organizations and Climate Change Network
64	LuuThi Thu Giang	CARE Int
65	Hoang Van Tam	Ministry of Industry and Trade
66	Nguyen Sy Ha	EBA project, GIZ
67	Dang HuongGiang	Institute of Energy, Ministry of Industry and Trade
68	Truong Viet Truong	Ministry of Industry and Trade
69	Tran Anh Duong	Ministry of Transportation
70	Nguyen TrungThanh	Ministry of Transportation
71	Pham Thi Dung	Ministry of Agriculture and Rural Development
72	Vu Tan Phuong	Ministry of Agriculture and Rural Development
73	Mai Van Trinh	Ministry of Agriculture and Rural Development
74	PhungTuuBoi	Institute of Forestry
75	Nguyen Song Ngoc	Consultant of Ministry of Transportation
76	Nguyen Thi Hai	Vietnamese Academy of Forest Sciences
77	Pham LanHuong	Ministry of Finance
78	Bui NguyetAnh	Ministry of Education and Training
79	Pham Thu Huong	Ministry of Agriculture and Rural Development
80	Nguyen Thuy Thu	International Law Department, Ministry of Justice
81	Ta ThiNhuQuynh	National Assembly's Institute of legislation studies
82	Nguyen Thi Hong Hue	Dept of Economic - National Assembly's Committee of Econ
Local Governments		
83	Huynh Le DuyAnh	Office of NTPRCC, Ben Tre province
84	Huynh ThanhĐiền	Office of NTPRCC, Ben Tre province
85	Do Van Phuc	Office of NTPRCC, Ben Tre province
86	Vo Van Ngoan	Office of NTPRCC, Ben Tre province
87	Ho TinhNhat	Office of Steering Committee for Flood Prevention, Ben Tre province
88	Tran Huu Tuan	Hue Economic University

89	Nguyen Van Vy	Center for Flood Prevention of Central and Highlands (Da Nang)
90	Pham Tan Phat	Steering Committee for Flood Prevention, Da Nang
91	Nguyen Quoc Tan	Department of Environment Protection, Quang Ngai province
92	Pham Phuoc Toan	Quang Nam DONRE
93	Nguyen Van Tam	Binh Thuan DONRE
94	Nguyen Bao Trieu	Ninh Thuan DONRE
95	Bui Minh Son	Khanh Hoa DONRE
96	Nguyen Thai Nhu Tri	Chief of Office, Steering Committee for Flood Prevention, Khanh Hoa
97	Tran Van Tuan	Chief of Office, Steering Committee for Flood Prevention, Ninh Thuan
98	Le Dinh Van Khanh	Office of Can Tho's PC
99	Le Van Toan	Can Tho DARD
100	Bach Dinh Trinh	Can Tho DARD
101	Huynh Thi Ngoc Lan	Dept of Water Resources, Can Tho
102	Le Van Phat	Can Tho DONRE

2. Training on Training on "Capacity Building on Loss and Damage in terms of Disaster Risk Reduction and Climate Change Adaptation"

- *Time: 12- 13 May 2015*
- *Venue: ThuaThien Hue, Vietnam*
- *Agenda*

TIME	CONTENTS	PERSON IN CHARGE
Day 1 (12/5/15)		
8h30-8h45	Opening speeches Introduction to the participants	Mr. Le Thanh Ho, Nam dong's People committee Dr, Tran Huu Tuan, HCE
8h45-9h00	Introduction to the training course	Dr. Tran Huu Tuan, HCE
9h00-10h30	Concepts of DRR and CCA, and their implications for/ impacts to TTH province	Dr. Tran Phong, ISET
10h30-10h45	Tea-break	
10h45 -11h30	Group discussions and group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h00	National and provincial strategies and policies related to DRR and CCA	Dr. Tran Phong, ISET
15h30-16h00	Tea-break	
16h45-17h00	Group discussions & group presentations	Group's representatives
Day 2 (13/5/15)		
8h30-10h00	Loss & Damage in the context of DRR and CCA	Dr. Tran Huu Tuan, HCE
10h00-10h30	Tea-break	
10h30 -11h30	Group discussions & group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h30	Classification and Assessment of Loss & Damage related to DRR and CCA	Dr. Tran Huu Tuan, HCE
15h30-15h45	Tea-break	All participants
15h45-16h45	Group discussions & group presentations	Đại diện các nhóm
16h45-17h00	Closing speeches	Mr. Le Thanh Ho, Peope Committee, Nam dong district Dr. Tran Huu Tuan, HCE

- *Participant list*

TT	NAME OF PARTICIPANTS	NAME OF ORGANIZATIONS
1	Duong Quoc Tuan	Dept. of Science & Technology, TTH province
2	Đang Van Hoa	Committee of Flood & storm control, TTH
3	Phan Thanh Hung	Dept. of Agri& Rural development, TTH
4	Hoang Thanh Mai	Nordic Assistant to Vietnam
5	Phan Van Hoa	Center of weather forecast, TTH
6	Le Thi Hanh	Dept. of Envi. & Nat resource, TTH
7	Le Thi Minh Chau	Dept. of Agri& Rural development, TTH
8	Hoang Ngoc Nam	Provincial People Committee, TTH
9	Pham Tuan Son	Office of Agri& Rural dev., Nam Dong district
10	Nguyen Khanh Luan	Huong Giang commune, Nam Dong district
11	Le Minh Khanh	Thuong long commune, Nam Dong district
12	Le Thanh Ho	People committee of Nam Dong district
13	Nguyen Van Huc	Huong Huu commune, Nam Dong district
14	Dang Anh To	Office of Healthcare, Nam Dong district
15	Tran Huong	Office of Labour, Nam Dong district
16	Ho Van Ba	ThuongQuang commune, Nam Dong dist.
17	Nguyen Duc Tien	Office of Agri& Rural dev., Nam Dong district
18	Truong Ngoc Thuy	Station of climate and hydro. ThuongNhat
19	Vo Huu Tuan	Head, Office of economics and technology
20	Nguyen Van Thanh	Coommittee of military, Nam Dong dist.

3. Training on Training on "Capacity Building on Loss and Damage in terms of Disaster Risk Reduction and Climate Change Adaptation"

- Time: 10-11 August 2016
- Venue: QuangBinh
- Agenda

TIME	CONTENTS	PERSON IN CHARGE
Day 1 (10/8/16)		
8h30-8h45	Opening speeches Introduction to the participants	Mr. Tran Dinh Dung, Vice-director, CFSC QuangBinh province
8h45-9h00	Introduction to the training course	Dr. Tran Huu Tuan, HCE
9h00-9h30	Lecturer 1: Integration of DRR and CCA	Dr. Le Minh Nhat, DDMHCC
9h30-10h30	Lecture 2: Climate change and Disaster risks	Dr. Tran Phong, ISET
10h30-10h45	Tea-break	
10h45 -11h30	Group discussions and group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h00	Lecture 3: Damage and loss in QuangBinh in terms of housing, infrastructure and ecosystems	Dr. Tran Tuan Anh, ISET
15h30-16h00	Tea-break	
16h45-17h00	Group discussions & group presentations	Group's representatives
Day 2 (11/8/16)		
8h30-10h00	Lecture 4: Improving governance capacity for disaster management and climate change response at community and local levels	Dr. Tran Phong, ISET
10h00-10h30	Tea-break	
10h30 -11h30	Group discussions & group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h30	Lecture 5: Assessment of Loss & Damage in the Context of CCCA and DRR	Dr. Tran Huu Tuan, HCE
15h30-15h45	Tea-break	All participants
15h45-16h45	Group discussions & group presentations	Group's representatives

16h45-17h00	Closing speeches	Mr. Tran Dinh Dung, Vice-director, CFSC QuangBinh Dr. Tran Huu Tuan, HCE
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List of Participants

TT	FULL NAME	NAME OF ORGANIZATIONS
1	Pham Viet Tung	Minh Hoa district
2	Ha Xuan Van	CFSC, Minh Hoa district
3	HoKhanh Van	TuyenHoa district
4	Tran Xuan Tien	QuangNinh district
5	Pham Van Dinh	CFSC, TuyenHoa district
6	Phan Van Nam	Le Thuy district
7	Hoang Giang	Quang Trach district
8	Nguyen Chi Vinh	TuyenHoa district
9	Pham Bang	Bo Trach district
10	Tran Dong	Le Thuy district
11	Tran Le Dang Hung	Department of Statistics, QuangBinh
12	Mai Viet Hung	Irrigation Department, QuangBinh
13	Tran ManhDat	DART QuangBinh
14	Nguyen DucToan	Department of Planing& Investment, QuangBinh
15	Dang Duc Thanh	CFSC, Hong hoi city
16	Tran Dinh Dung	Irrigation Department, QuangBinh
17	Nguyen Vinh	CFSC QuangBinh
18	Hoang Van Quyet	CFSC QuangBinh
19	Hoang Hoa Hue	Department of Natural and Environment, QuangBinh
20	Lai Thi Minh Hue	DART QuangBinh
21	Nguyen Hong Sam	CFSC QuangBinh
22	Tran Khanh Chi	Irrigation Department, QuangBinh
23	Tran Mai Giai	Department of Natural and Environment, QuangBinh
24	Vo Duc Duong	Department of Natural and Environment, QuangBinh
25	Pham Van Dao	Department of Science &Techonology, QuangBinh
26	Tran Thi Thanh	Department of Construction, QuangBinh
27	Doan Thi Kim Tuyen	Department of Health, QuangBinh
28	Duong hoai Phuong	Dong Hoi city
29	Dang Quang Duong	Department of Education, QuangBinh
30	Tran Cong Anh	Department of Planing& Investment, QuangBinh
31	Ha Xuan dan	CFSC QuangBinh
32	Le Anh Tuan	DARTQuangBinh
33	Nguyen Ngoc Phung	CFSC QuangNinh district
34	Le Quang Son	Irrigation Department, QuangBinh
35	Le Thanh Phong	Irrigation Department, QuangBinh

36	Nguyen Thanh Long	Minh Hoa district
37	Nguyen Viet Hai	Irrigation Department, QuangBinh
38	Pham Van Dao	TuyenHoa district
39	Le Tien Dung	Irrigation Department, QuangBinh
40	Vo Thi Thanh Huyen	Le Thuy district
41	Lê Minh Nhật	MONRE
42	TRẦNHỮU TUẤN	Hue College of Economics
43	TrầnPhóng	ISET, Vietnam
44	TrầnTuấn Anh	Hue College of Sciences

4. Training on "Capacity Building on Loss and Damage in terms of Disaster Risk Reduction and Climate Change Adaptation"

- Time: August 17-18 2017
- Venue: Candel Hotel, Hanoi Vietnam
- Agenda:

TIME	CONTENTS	PERSON IN CHARGE
Day 1 (17 August)		
8h30-8h45	Opening speeches Introduction to the participants	Dr. Le Minh Nhat
8h45-9h00	Introduction to the training course	Dr. Tran Huu Tuan, HCE
9h00-9h30	Lecturer 1: Integration of DRR and CCA	Dr. Le Minh Nhat, DDMHCC
9h30-10h30	Lecture 2: Climate change and Disaster risks	Dr. Tran Phong, ISET
10h30-10h45	Tea-break	
10h45 -11h30	Group discussions and group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h00	Lecture 3: Damage and loss in terms of housing, infrastructure and ecosystems	Dr. Tran Tuan Anh, ISET
15h30-16h00	Tea-break	
16h45-17h00	Group discussions & group presentations	Group's representatives
Day 2 (18 August)		
8h30-10h00	Lecture 4: Improving governance capacity for disaster management and climate change response at community and local levels	Dr. Tran Phong, ISET
10h00-10h30	Tea-break	
10h30 -11h30	Group discussions & group presentations	Group's representatives
11h30-13h30	Lunch time	

13h30-15h30	Lecture 5: Assessment of Loss & Damage in the Context of CCCA and DRR	Dr. Tran Huu Tuan, HCE
15h30-15h45	Tea-break	All participants
15h45-16h45	Group discussions & group presentations	Group's representatives
16h45-17h00	Closing speeches	Dr. Le Minh Nhat Dr. Tran Huu Tuan, HCE

- Participant list

No	Full name	position/organization
Not local participant		
1	Trần Văn Tình	Ha Tinh Provincial Committee for Flood and Storm Prevention and Control
2	Trần Ngọc Châu	Ha Tinh DONRE
3	Lê Tập	Nghe An Provincial Committee for Flood and Storm Prevention and Control
4	Cao Thị Thu	Nghe An DONRE
5	Tôn Đức Thọ	Ninh Binh DONRE
6	Nguyễn Thị Trang	Ninh Binh Provincial Committee for Flood and Storm Prevention and Control
7	Nguyễn Anh Tuấn	Thanh Hoa DONRE
8	Nguyễn Gia Hiền	Thanh Hoa Provincial Committee for Flood and Storm Prevention and Control
9	Lê Xuân Mai	Laocai Provincial Committee for Flood and Storm Prevention and Control
10	Trịnh Kim Tú	Yen Bai DONRE
11	Bùi Quang Bường	Yen Bai Provincial Committee for Flood and Storm Prevention and Control
12	Lê Thị Thu Thủy	Yen Bai DONRE
13	Nguyễn Thị Thủy	Laocai DONRE
14	Phạm Thái Cơ	Thainguyen Provincial Committee for Flood and Storm Prevention and Control
15	Nguyễn Thị Hạnh	Thainguyen DONRE
16	Đinh Thị Hương Dung	Vinhphuc DONRE
17	Hoàng Tiến Hiện	Dienbien Provincial Committee for Flood and Storm Prevention and Control
18	Lê Xuân Hào	Dienbien Provincial Committee for Flood and Storm Prevention and Control
19	Mai Thị Nhung	Laichau DONRE
20	Ninh Viết Thành	Lai Chau Provincial Committee for Flood and Storm Prevention and Control

Local participant		
1	LêThịHồngNguyệt	Environmental Mgmt Department, MOH
2	QuáchThịHiền	ISEA, MOIT
3	TrầnHuyHùng	University of Education 1
4	HoàngThịBảy	Department of Legislation, MOF
5	NguyễnBích Nga	Nhan Dan Newspaper
6	NguyễnVănDũng	Disaster Mitigation Center, MARD
7	BùiQuangHuy	Disaster Mitigation Center, MARD
8	NguyễnThịMỹ Linh	Disaster Mitigation Center, MARD
9	Nguyễn Anh Thư	Disaster Mitigation Center, MARD
10	NguyễnTiếnThế	Hanoi National University
11	Phan ThịHà	MOST
12	NguyễnBíchNguyệt	VAST
13	NguyễnHồng Minh	Department of Environment, MOT
14	Trần Thu Giang	ILSSA-MOLISA
15	BùiVăn Minh	Central Steering Committee for Disaster Prevention
16	LưuThị Thu Giang	Department of Science, Technology and Environment, MARD
17	Nguyễn Anh Minh	SRD
18	NguyễnCôngNhuệ	VNGO.CC
19	NguyễnThịThọ	CARE Int
20	VũVăn Long	MOIT
21	PhạmNgọcBích	EBA project, GIZ
22	NguyễnThếTiến	Institute of Energy, MOIT
23	Minh Hoàng	MOIT
24	Hoàng Thanh Mai	MOT
25	VõChiTiến	MOT
26	Lê Thanh Hải	MARD
27	BùiĐứcTuấn	MARD
28	NguyễnXuânTùng	MARD
29	NguyễnViệtQuang	Institute of Forestry
30	PhạmVănToàn	Consultant of MOIT

5. Training on Training on "Capacity Building on Loss and Damage in terms of Disaster Risk Reduction and Climate Change Adaptation"

- Time: Oct 14-15,2016
- Venue: Quang Nam
- Agenda

TIME	CONTENTS	PERSON IN CHARGE
Day 1 (14/10/16)		
8h30-8h45	Opening speeches Introduction to the participants	Mr. Nguyen Ngoc Hai, Planing Division head, CFSC Quangnam
8h45-9h00	Introduction to the training course	Dr. Tran Huu Tuan, HCE
9h00-9h30	Lecturer 1: Integration of DRR and CCA	Dr. Le Minh Nhat
9h30-10h30	Lecture 2: Climate change and Disaster risks	Dr. Tran Phong, ISET
10h30-10h45	Tea-break	
10h45 -11h30	Group discussions and group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h00	Lecture 3: Damage and loss in Quang Nam in terms of housing, infrastructure and ecosystems	Dr. Tran Tuan Anh, ISET
15h30-16h00	Tea-break	
16h45-17h00	Group discussions & group presentations	Group's representatives
Day 2 (15/10/16)		
8h30-10h00	Lecture 4: Improving governance capacity for disaster management and climate change response at community and local levels	Dr. Tran Phong, ISET
10h00-10h30	Tea-break	
10h30 -11h30	Group discussions & group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h30	Lecture 5: Assessment of Loss & Damage in the Context of CCCA and DRR	Dr. Tran Huu Tuan, HCE
15h30-15h45	Tea-break	All participants
15h45-16h45	Group discussions & group presentations	Group's representatives
16h45-17h00	Closing speeches	Nguyen Ngoc Hai, Planing Division head, CFSC Quangnam Dr. Tran Huu Tuan, HCE

- **List of Participants**

1	Nguyen Huu Thanh	CFSC, Tam Ky district
2	Vo Quang Lam	CFSC, Hoi an Town
3	Nguyen Hong Linh	Dai Loc district
4	Tran Ngoc Khanh	DuyXuyen district
5	Ngo Van Tan	Dien Ban district
6	Nguyen Van Cung	CFSC, Thang Binh district
7	Nguyen Van Thinh	CFSC, Nui Thanh district
8	Nguyen Suu	CFSC, Que Son district
9	Nguyen Minh Rin	PhuNinh district
10	NguyenHongManh	Nong Son district
11	Tran Ngoc Men	Quang Nam's people committee
12	Nguyen Thai Nam	DART Quangnam
13	Le Van Hoang	Department of Sciences and Technology, QN
14	Dinh Dai Phon	Department of Environment, QN
15	Diep Dinh Long	Department of Sciences and Technology, QN
16	Nguyen Ngoc Kim	Department of Foreign Affairs, QN
17	Nguyen Manh Ha	Weather forecast Station, Quang Nam
18	Le thiTuyet Hanh	Office of CCA & DRR
19	Vo Xuan Huong	Department of Statistics
20	Phan Cong Ry	Redcross Organization
21	Truong Xuan Ty	CFSC Quang Nam
22	Nguyen Ngoc Khai	CFSC Quang Nam
23	Doan Thi Dang	Water irrigation department, QN
24	Le Cong Duan	CFSC Quang Nam
25	Vo Thi Ly	Water irrigation department, QN
26	Le Thi Anh Dao	CFSC Quangnam
27	Nguyen Su	Center of Radio and Tevilision, Qn
28	Duong HoaiOanh	News and Media center of Quangnam
29	Tran HuuPhuc	Online media of Quang Nam
30	Doan Dao	Department of Health, QN
31	Tran Thanh Ha	Department of Education, QN
32	Phan Bang	Hoi An City
33	Tran Ngoc Giau	Tam Ky city
34	Vo Van Ngoc	Department of Statistics
35	Vo Quang Lam	District CFSC, Hoi an city
36	Nguyen Hong Linh	Dai Loc district
37	Tran Ngoc Khanh	District CFSC
38	Hoang Manh	DART Quangnam
39	Phan van Ngoc	Water irrigation department
40	Tran HuuQuy	Department of health, QN
41	Le Minh Nhat	DMHCC
42	Tran Huu Tuan	HCE
43	Tran Phong	ISET

44	Tran Tuan Anh	Hue College of Sciences
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6. Training on Training on "Capacity Building on Loss and Damage in terms of Disaster Risk Reduction and Climate Change Adaptation"

- Time: March 1-2, 2017
- Venue: Ho Chi Minh city, Vietnam
- Agenda

TIME	CONTENTS	PERSON IN CHARGE
Day 1 (1/3/17)		
8h30-8h45	Opening speeches Introduction to the participants	Dr. Le minh Nhat
8h45-9h00	Introduction to the training course	Dr. Tran Huu Tuan, HCE
9h00-9h30	Lecturer 1: Integration of DRR and CCA	Mr. Nguyen Vietdung Dr. Le Minh Nhat
9h30-10h30	Lecture 2: Climate change and Disaster risks Loss and Damage HCM	Dr. Tran Phong, ISET Mr. Doan Thanh Chung MARD
10h30-10h45	Tea-break	
10h45 -11h30	Group discussions and group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h00	Lecture 3: Damage and loss in Quang Nam in terms of housing, infrastructure and ecosystems	Dr. Tran Tuan Anh, ISET
15h30-16h00	Tea-break	
16h45-17h00	Group discussions & group presentations	Group's representatives
Day 2 (1/3/17)		
8h30-10h00	Lecture 4: Improving governance capacity for disaster management and climate change response at community and local levels <i>Sharing experience on implementing activities of capacity building on Loss and Damage at provincial level</i>	Dr. Tran Phong, ISET Dr. Mai Van khiem IMHEN
10h00-10h30	Tea-break	
10h30 -11h30	Group discussions & group presentations	Group's representatives
11h30-13h30	Lunch time	
13h30-15h30	Lecture 5: Assessment of Loss & Damage in the Context of CCCA and DRR	Dr. Tran Huu Tuan, HCE
15h30-15h45	Tea-break	All participants

15h45-16h45	Group discussions & group presentations	Group's representatives
16h45-17h00	Closing speeches	Dr. Le Minh Nhat MONRE Dr. Tran Huu Tuan, HCE

- **List of Participants**

No	Fullname	Position/Organization
Not local participant		
1	Le Thi Minh Nguyet	Southern institute of water resources research
2	GiangThi Hue	Southern institute of water resources research
3	Do Huu Tai	Southern institute of water resources research
4	Luong Cong Tuan Anh	Southern institue of water resource planning
5	Nguyen DuyNho	Southern institue of water resource planning
6	Vo DuyDuy	Southern institue of water resource planning
7	Le DinhQuyet	Centre for hydro-meteorological forecasting at southern area
8	Nguyen TrongNghia	Vietnam red cross society
9	Ta Dang Quoc Vu	Office of Central Committee for Flood and Storm Control
10	Doan Thanh Trung	Department of Natural Disaster Prevention and Control
Local participant		
1	Phan The Duy	HCM University of Natural Resources and Environment
2	Le Cong Chinh	Water resource university
3	Nguyen Dang Tinh	Water resource university
4	Huynh Quoc Toan	HCM Agricultural and rural development department
5	Vo Nguyen Xuan Que	HCM University of Natural Resources and Environment
6	Vo Thi Thao Vi	Sub-institute of hydrometeorology and climate change
7	Le ThiPhung	HCM University of Natural Resources and Environment
8	Huynh Thi My Linh	Sub-institute of hydrometeorology and climate change
9	Vu Van Thuy	Nam KhangColsulting joint stock company
10	Ho Cong Toan	Sub-institute of hydrometeorology and climate change
11	Vo Thi Nguyen	Sub-institute of hydrometeorology and climate change
12	Nguyen Thi Phuong Mai	Water resource university
13	Hoang TrongKhiem	HCM University of Natural Resources and Environment
14	Hoang Dinh Thanh	Sub-institute of hydrometeorology and climate change

15	Bao Thanh	HCM University of Natural Resources and Environment
16	Nguyen Hong Thoa	Sub-institute of hydrometeorology and climate change
17	Phan Thuy Linh	Sub-institute of hydrometeorology and climate change
18	Nguyen Thai Son	Sub-institute of hydrometeorology and climate change
19	Nguyen DinhQuan	Sub-Department of Natural Disaster Prevention and Control
20	Dao Viet Anh	Sub-Department of Natural Disaster Prevention and Control

Funding sources outside the APN

Department of Hydrology and Climate Change, Ministry of Natural resources and environment and Hue Economic University contributed human resource and facilities to implement the project

List of Young Scientists

Full name: Nguyen Viet Dung

Involvement in project activity: Facilitator and resource person

Institution: Climate Change Adaptation division (CCA)

Department of Hydrology, Meteorology and Climate Change (DMHCC)

Ministry of Natural Resource and Environment (MONRE-VIETNAM)

10 Ton That Thuyet, CauGiay, Hanoi, Viet Nam

Email : vdzung.nguyen1989@gmail.com



“I was involved as a facilitator in the workshop of the project. I have learned experience and good practices of preparedness and mitigation of loss and damage caused by natural disasters at local levels during data collection process and at different workshops and trainings. These inputs from local people could help us with providing advices to the government in developing legal documents on this issue”



Full name: Nguyen Khanh Toan

Involvement in project activity: Facilitator and resource person

Institution: Climate Change Adaptation division (CCA)

Department of Hydrology, Meteorology and Climate Change (DMHCC)

Ministry of Natural Resource and Environment (MONRE-VIETNAM)

Email : toan.nk99@gmail.com

“We are fighting at the local and government level to make sure that Vietnam minimizes its risks and the loss and damage we are already experiencing from climate change. The APN project is a starting point to build technical capacities and initiate dialogue among Government, civil society and private sector partners working on climate issues throughout Vietnam. The training highlighted how international frameworks can be linked to local action, bringing additional support and resources to local work.”

Full name: Le Thi Phung

Involvement in project activity: Facilitator and resource person

Institution: University of Natural Resource and Environment

Email : ltphung@hcmunre.edu.vn



“APN indirectly gave spaces to young scientists to engage in creating innovative ideas to solve problems, especially in disaster risk management areas. Awareness of the importance of proper disaster risk management, taking into account loss and damage in the context of natural disasters can nurture young scientists to explore themselves to the global stage international frameworks can. Disclosure provided not only involve the circumstances of each province but the exchange of ideas from different localities which indirectly give new exposure to young scientists”