

## WORKSHOP REPORT

**Project Title: Strengthening the capacity of officials on Integrated Flood Management Plans (IFMP): Integrating IFMP into provincial disaster prevention plans in coastal provinces of Central Vietnam**



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## **Project Leader**

Assoc.Prof. Tran Ngoc Anh, Center for Environmental Fluid Dynamics (CEFD), VNU University of Science, Vietnam National University

## **Contributors**

Dr. Le Minh Nhat, Department of Disaster Response and Remedy

M.S. Dang Dinh Duc, Center for Environmental Fluid Dynamics

Dr. Nguyen Quoc Son, Center for Environmental Fluid Dynamics

Nguyen Hong Thuy, Center for Environmental Fluid Dynamics

M.S. Pham Thi Tuyet May, Center for Environmental Fluid Dynamics

**Binh Dinh, 2023**

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## Abbreviation

APN	Asia-Pacific Network for Global Change Research
MARD	Ministry of Agriculture and Rural Development
VNU	Viet Nam National University
CEFD	Center for Environmental Fluid Dynamics
IFMP	Integrated Flood Management Plans

## Preface

In Vietnam, under the effect of climate change, natural disasters, especially storms and floods, cause more and more damage. Although Vietnam has been active in flood management, these solutions are mainly localized, fragmented, unsystematic or in a short-term period and may cause more severe flooding to nearby areas. Therefore, there is a need for a different approach. IFMP is an integrated management with the aims to maximize the benefits of floodplains and minimize flood damage with a watershed and multisectoral approach. Recognizing the necessity of IFMP, Center for Environmental Fluid Dynamics, VNU University of Science, Vietnam National University organized training for officials with an aim to enhancing efforts in providing support to the officials through tailored research activities; enhancing efforts in providing capacity development to the officials that meet their specific needs by organizing training; and creating holistic and transdisciplinary capacity development activities on IFMP. After the CEFD training session, a workshop on inter-provincial/inter-district cooperation was organized to exchange the advantages and difficulties of localities in building IFMP.

The workshop for local officials of agencies such as: Provincial Steering Committee for Disaster Prevention and Search and Rescue, District Steering Committee for Disaster Prevention and Search and Rescue and other relevant departments and agencies. The presentations received attentions and appreciation as well as the fruitful comments of the experts and representatives from local agencies. The workshop was successfully organized on April 2023 in Binh Dinh, Viet Nam.

Taking this opportunity, Center for Environmental Fluid Dynamics would like to express sincere thanks to APN for their generous support and to all participants for their active and constructive comments to the workshop.

## Organization of the workshop

### Objective

- (i) Discuss on current status of flood control measures at the local level, integrating IFMP into the provincial disaster management plan and the role of departments.
- (ii) Discuss on the advantages and challenges during the process of developing IFMP,

### Date of workshop

26 April 2023

### Venue

Le Mint hotel,  
No.01-03 Tran Khanh Du street, Quy Nhon City, Binh Dinh, Viet Nam.

### Organizer

Center for Environmental Fluid Dynamics (CEFD), VNU University of Science,  
Vietnam National University.

### Supported by

Asia-Pacific Network for global Change Research (APN).

## 1. Introduction

CEFD organized inter-provincial/ intra-provincial cooperation connection workshop to discuss the following topics:

- The current status of flood control measures at the local level, the advantages of integrated flood management and the role of departments in building IFMP;
- Orientation on integrating IFMP into the provincial disaster management plan and the role of departments in this integration process;
- Discussions on advantages, difficulties and solutions to overcome these difficulties.

A workshop for local officials of agencies: Provincial Steering Committee for Disaster Prevention and Search and Rescue, District Steering Committee for Disaster Prevention and Search and Rescue and other relevant departments and agencies was held at Le Mint hotel in Binh Dinh on 26 April 2023.

## 2. Objectives of the workshop

The general objective of the workshop was to discuss and promote inter-provincial cooperation in developing IFMPs for inter-provincial basin and intra-provincial cooperation between different sectors.

The specific objectives of the workshop were to:

- (i) Discuss on current status of flood control measures at the local level, integrating IFMP into the provincial disaster management plan and the role of departments.
- (ii) Discuss on the advantages and challenges during the process of developing IFMP,

## 3. Workshop agenda

Workshop agenda is detailed below:

<b>Time</b>	<b>Contents</b>	<b>Responsibility</b>
	<b><i>Morning (8:00 – 11:00)</i></b>	
8:00 – 8:30	Opening remarks and introduction of delegates	Dr. Le Minh Nhat
8:30 – 9:00	The current status of flood control measures at the local level, the advantages of integrated flood management and the role of departments in building IFMP	Dr. Le Minh Nhat
9:00 – 11:00	Orientation on integrating IFMP into the provincial disaster management plan and the role of departments in this integration process	Assoc. Prof Tran Ngoc Anh
	<b><i>Evening (14:00 – 17:00)</i></b>	
14:00 – 16:30	Discussions on advantages, difficulties and solutions to address these difficulties	The consultant and delegates
16:30 – 17:00	Closing remarks	Dr. Le Minh Nhat

#### 4. Workshop Participants

The workshop was attended by representatives from the following organizations:

- Dr. Le Minh Nhat, Head of the Representative Office of Viet Nam Disaster and Dyke Management Authority in Central and Central Highlands Regions.
- Representatives of CEFD consultant: Assoc. Prof. Tran Ngoc Anh - Project leader, MSc. Dang Dinh Duc, Dr. Nguyen Quoc Son, MSc. Pham Thi Tuyet May, Ms. Nguyen Hong Thuy.
- Representatives of Steering Committee for Disaster Prevention and Search and Rescue of Binh Dinh Province: Mr. Bui Anh Kiet, Deputy Head of Disaster Prevention Office.
- Representatives of Steering Committee for Disaster Prevention and Search and Rescue of districts, towns, and cities: Tuy Phuoc, An Nhon, Phu Cat, Van Canh.

List of Participants:

No	Full name	Position/Organization
1	Luong Van Khoa	Division of Agriculture and Rural Development of Phu Cat District
2	Le Cong Phuc	People's Committee of Cat Thang Commune
3	Nguyen Van Thao	Cadastral of Canh Hiep Commune, Van Canh District
4	Lam Thi Anh Nguyet	People's Committee of Nhon Hoa Ward
5	Nguyen Anh Quoc	Division of Agriculture of Nhon Hoa Ward
6	Pham Thang Long	Statistical Division of Nhon Thanh Ward
7	Nguyen Van Tam	Division of Agriculture of Tuy Phuoc District
8	Huynh Trong Thu	Division of Agriculture of Tuy Phuoc District
9	Nguyen Thi Anh Truc	Division of Agriculture and Rural Development of Van Canh District
10	Nguyen Tuong Vi	Steering Committee for Disaster Prevention and Control, Search and Rescue of Binh Dinh province
11	Bùi Anh Kiet	Steering Committee for Disaster Prevention and Control, Search and Rescue of Binh Dinh province
12	Nguyen Minh Do	Union of Tuy Phuoc District
13	Dinh Thi Nhon	Cadastral of Canh Hien Commune, Van Canh District
14	Le Van Hoang	Statistics Division of Canh Vinh Commune, Van Canh District
15	Vo Trung Dung	Steering Committee for Disaster Prevention and Control, Search and Rescue of Binh Dinh province
16	Nguyen Thi Thu Thuy	Steering Committee for Disaster Prevention and Control, Search and Rescue of Binh Dinh province
17	To Anh Tuan	Cadastral of Cat Chanh Commune, Phu Cat District
18	Bui Thai Son	People's Committee of Nhon Thanh Ward

No	Full name	Position/Organization
19	Phan Thanh Hoa	Division of Economic of An Nhon town
20	Bach Nhon Tan	Division of Economic of An Nhon town
21	Nguyen Trong Chinh	Division of Economy and Infrastructure of Tuy Phuoc District
22	Le Tung Trong	People's Committee of Cat Tien Town
23	Dao Duy Bang	Division of Agriculture and Rural Development of Phu Cat District
24	Nguyen Thi Quyen	Women Union of Phu Cat District
25	Pham Phu	Binh Dinh Province Water Resources Development Association

## 5. Conduct of the workshop

In the opening remarks, Dr. Le Minh Nhat introduced key participants, emphasized the objectives of the workshop.



Figure 1. Dr. Le Minh Nhat, Representative Office of Viet Nam Disaster and Dyke Management Authority in Central and Central Highlands Regions, MARD, makes the welcome speech

In the first presentation, Dr. Le Minh Nhat presented the current status of flood control measures at the local level, the advantages of integrated flood management and the role of departments in building IFMP.



Figure 2. Dr. Le Minh Nhat, MARD, presents Developing/updating IFMP

In the second presentation, MSc. Dang Dinh Duc presented integrating IFMP into the provincial disaster management plan and the role of departments in this integration process.



Figure 3. Dr. Tran Ngoc Anh, CEFD, presents Integrating IFMP into the provincial disaster management plan

In the discussion: the consultant and participants discussed the advantages, challenges in the process of developing IFMP, integrating IFMP into the provincial disaster management plan and the role of departments.

- In 2020, the province developed a provincial disaster management plan in the period of 2021-2025.
- In 2022, the province developed IFMP for the Kone-Ha Thanh river basin. This is also a favorable condition for the province to proceed with developing IFMPs for the La Tinh and Lai Giang river basins.
- Through the workshop, the importance of building IFMP was clearly recognized. The basic principle of IFMP is to maximize the benefits of floods and minimize the damage to people and property caused by floods.
- The role of the department in developing IFMP is extremely important. The content of the workshop is very useful and necessary to help departments understand more about IFMP and their role in developing IFMP.



*Mr. Bui Anh Kiet, Steering Committee for Disaster Prevention and Search and Rescue of Binh Dinh Province*



*Mr. Phan Thanh Hoa, Division of Economic of An Nhon town*

- Through the workshop, trainees have a better understanding of IFMP. IFMP are developed according to river basins and implemented by provincial authorities.
- The roles and responsibilities of the departments are extremely important. The report clearly states that all relevant agencies are responsible, but in reality, the agency in charge is the one that implements it. Through the workshop, trainees have grasped their roles and responsibilities in developing IFMP and are always ready to support the locality in natural disaster prevention and mitigation in general, and flooding in particular.

- Binh Dinh province has developed an IFMP for the Kone-Ha Thanh river basin. However, it is very difficult for district-level authorities to use all the data in the plan. Trainees proposed digitizing all the products in the plan.
- He suggest that the provincial level consider transmitting the content of the developed IFMP to the district level, and then to the commune level, so that the implementation of measures can be carried out accurately and with high efficiency.



	<p><i>Mr. Nguyen Trong Chinh, Division of Economy and Infrastructure of Tuy Phuoc District</i></p>
 <p><i>Mr. Dao Duy Bang, Division of Agriculture and Rural Development of Phu Cat District</i></p>	<ul style="list-style-type: none"> <li>- The provincial disaster management plan was developed last year, and the district-level plan has also been developed. However, to meet the requirements under the regulations, it is necessary to have time for review and update.</li> <li>- At the local level, the workload is very high, but the number of staff members who can carry out the work is insufficient. This is also a challenge in building natural disaster prevention plans as well as IFMP.</li> </ul>

Finally, Dr. Le Minh Nhat briefly summarized what had been discussed during the workshop, and thanked all participants for their participation, especially those who contributed to the presentations and discussions.

## 6. Conclusion

After finishing the discussion, representatives of Viet Nam Disaster and Dyke Management Authority, representatives of the Steering Committee for Disaster Prevention and Control, Search and Rescue of Binh Dinh province, the Consultant and delegates come to an agreement on the following:

- The process of developing and implementing IFMP is a collaborative effort that involves multiple sectors and fields, because IFMP employs a multi-disciplinary approach, community participation, support from policies and mechanisms in flood management and proposing solutions through consultations with many departments and agencies. Therefore, the departments and agencies need to clearly understand their roles and make effective contributions in managing flood risks in their localities;

- The experience of the locality in developing IFMP for the Kone-Ha Thanh river basin is a favorable condition for the province to proceed with developing IFMPs for other river basins;

- After completing the development of the IFMP, a solution is needed to apply and implement the plan at the district and commune levels.