

WCP-SEA-MALAYSIA WP-5: Stage II
**Community flood-proofing and adaptation for climate
resilience**

PROJECT REPORT



**PROGRAMME: EMPOWERING COMMUNITY-
BASED IN FLOOD PREPAREDNESS TRAINING
FOR KLANG COMMUNITIES
(KG SUNGAI PINANG MUKIM KAPAR)
KLANG DISTRICT COUNCIL, 2015**



Date: 8th November 2015 (Sunday)

Time: 8.30 am – 1.00 pm

**Venue: Surau Haji Abdullah Fakeh, Kampung Sungai Pinang, Mukim
Kapar, Klang**

WCP-SEA-MALAYSIA WP-5: STAGE II

Community Flood – Proofing and adaptation for climate resilience.

Programme : Empowering community-based in flood preparedness training for Klang communities.

A) SUMMARY REPORT

Malaysian Water Partnership (MyWP) under the Global World Partnership (GWP) aims to create a platform and pathway to the community to be flood-proofing and adapt for climate resilience. Global Environment Centre has been entrusted as a working partner to implement this activity. Series of stakeholder consultations and meetings held in conjunction with this motive to identify and achieve the aim through the targeted community.

The first preparatory meeting was carried out on 2nd October 2015 with DID Malaysia and departments within MPK as Engineering Division, Corporate and Community Department, Department of City Planning, and Department of Environment Services. The committee agreed to conduct the Programme on November 8th 2015 with the support of various agencies to share the information's and to train the local communities. This programme was carried out as the follow-up of the Training of Trainers (TOTs) Community Flood Preparedness Programme which has been organized on 13th June 2015.

The flood preparedness training programme involved around 62 representatives mainly from Kampung Sungai Pinang Mukim Kapar which was the host village and various backgrounds' participants as village heads, residential associations, RIVER Ranger Klang, local authorities and government agencies attended the programme at Kampung Sungai Pinang Mukim Kapar, Klang. The programme focused on the Flood 'Town-watching' training which was the first community flood based training held in Malaysia has captured the communities interest. Water filter demonstration and grab bag preparation hands-on trainings were appreciated by the participants too.

INTRODUCTION

In Malaysia flooding is an issue affecting most states, and communities need to know and learn to be resilient against the expected more frequent and higher intensity floods resulting from climate change. Via the successful reception of the community awareness programme on integrated flood management (IFM) conducted in 2012 through Malaysian Water Partnership (MyWP) and MyCDNet, community awareness and flood-proofing facilitation module for Integrated Flood Management is developed for implementation and dissemination for all stakeholders.

During Community Flood-Proofing and Adaptation for Climate Resilience seminar back in December 2014, the participants realize that as the local community they have a major role in dealing with the issues related to flood and are willing to take bigger roles in order to address the pertaining issues with flood and water source management. As the consequences of the seminar, a one day 'Training of Trainers' (ToTs) was held in Jun 2015 as a continuation and follow-up. The communities from different backgrounds were able to understand both the structural and non-structural measures that have been implemented in flood mitigation by the government and others. So as a next step, specific on-site half day training was carried out to empower the selected community and nearby community representatives'.

OBJECTIVE

The main objective of the programme is to empower selected communities in preparedness for flood disaster through Flood Hazardous 'Town-watching' training as well as management of water resources, emergency plan and preparedness for flood using Grab Bag.

TARGET OUTPUT

To provide appropriate skill and increased knowledge and awareness to selected local communities, in addition to facilitate on how to deal with flood risks and adoption of new skills for people to prevent and manage the flood problem by developing their localized flood hazards map.

WORKING PROJECT PARTNERS

- i. Malaysia Water Partnership (MyWP)
- ii. Global Environment Centre (GEC)
- iii. Majlis Perbandaran Klang (MPK)
- iv. Department of Irrigation and Drainage Malaysia (DID)
- v. University Putra Malaysia (UPM)

PROJECT WORKING GROUP MEETING

First meeting was carried out among GEC, MPK and DID Malaysia on 2nd October 2015 focusing on GEC presenting the proposed training concept and how MPK and DID can assist the implementation of the training. There are few site visits and local consultation with selected communities before finalising the details. The 2nd preparation meeting was carried out on 2nd November 2015 involving the selected communities, local authorities and government agencies. The Minutes of Meetings were attached in **Annex 1**.

MATERIAL (Handbook, Project Brochure & Grab Bag)

Project materials developed earlier have been used as communication and training tools. The project brochure and community handbook includes basic information as the initial step of preparedness before during and after flood. The grab bags provide check list of materials and tools for early preparation by community as well as the emergency contact details to assist the communities during flood. Please refer to **Annex 2** for materials images.

TRAINING

GEC with the support of DID and MPK has developed 3 flood-training exercise concepts as training contents for community. The key training exercises are:

- **Training Activity 1: Flood Hazards** ‘Town-watching’ training
- **Training Activity 2:** Water management training during floods
- **Training Activity 3:** Preparation of Grab Bag

As for the ‘Town-watching’ training, relevant agency such as DID Malaysia was approached to give briefing and demonstration for the exercise during the program. In addition, site surveying and hands-on activities was carried out to expose and to train the communities on

benchmarking and identification of flood as well as on emergency response during the disaster. The training agenda and summary of the exercises as tabulated below (**TABLE 1 & 2**). And please refer to **Annex 3** training photos.

TABLE 1: AGENDA

TIME	TENTATIVE	NOTES	TRAINERS
8.30 am	Registration and breakfast	MPK/Community	
8.45 am	Programme introduction	GEC	Dr Kalithasan
9.05 am	'Townwatching' training	DID Malaysia & GEC	En Mohd Fisham
11.30 am	Water treatment during flood	GEC	Sivanessha
11.50 am	Grab bag preparation training	GEC	En Norazrin
12.00 pm	Closing - Certificate presentation - Grab Bag presentation - Safe Routes Maps presentation	GEC/MPK/Community	
12.30 pm	Lunch & End	MPK/Community	

TABLE 2: SUMMARY FOR FLOOD PREPAREDNESS TRAINING

Title	Summary	Presenter
Programme Introduction	Details of the objectives and goals of the programs. Exposure to the importance of knowledge and skills to face the flooding scenario in the community.	Dr. Kalithasan Kailasam Coordinator River Care Programme, Global Environment Centre
Exercise 1:Town-watching training on Identifying safe paths during flood and the impact of flood	Disclosure of secure methods of identification of routes traveled during disasters such as flooding and its consequences. Mapping based on the concept of flood hazards 'township' safe passage using the sketch map as flood preparedness measures.	Mr. Mohd Fisham Bin Abu Basah Senior Assistant Director, Division of Flood Management, DID Malaysia
Exercise 2:Training on Water Management during flood	Management measures and alternative water treatment methods for use during flooding.	Mr. Sivanessha Kalithasan Representative of River Care Programme, Global Environment Centre
Exercise 3: Preparation of Grab Bag	Disclosure and sharing of inventory that needs to be done before the flood disaster such as the provision of 'Grab Bag'.	Mr Norazrin Mamat Programme Officer River Care Programme, Global Environment Centre

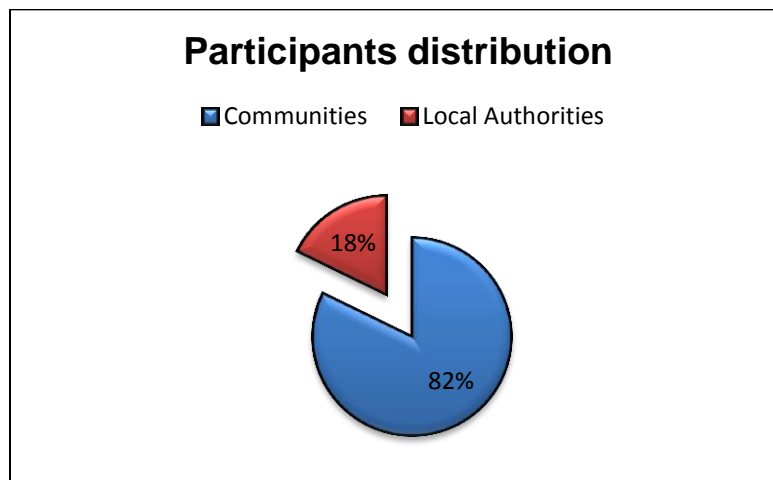
PARTICIPANTS

The flood preparedness training programme was attended by a total of 62 participants, secretariats and local authorities. The breakdowns of participants are as tabulated in **TABLE 3**.

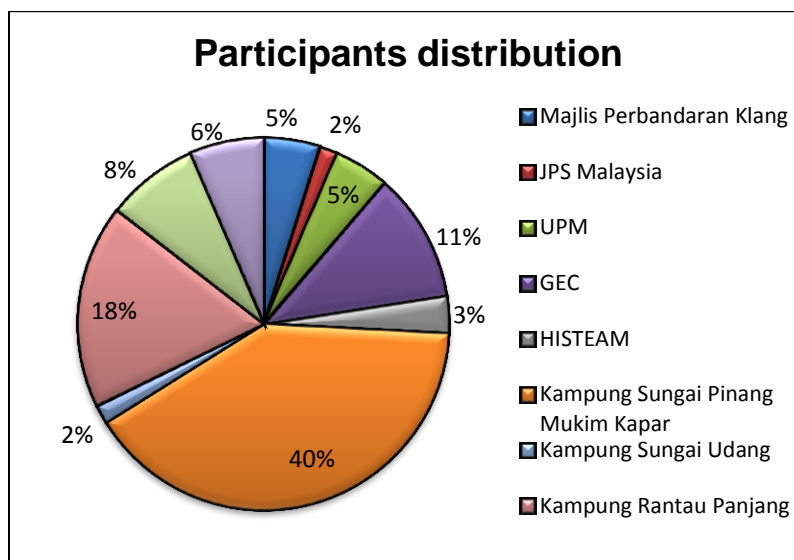
TABLE 3: BREAKDOWN OF PARTICIPANTS

Category	Participants Breakdown	No of Participants
Local Authority	Majlis Perbandaran Klang	3
Secretariats and Partnership	DID Malaysia	1
	UPM	3
	GEC	7
	HISTEAM	2
Participants (Community)	Kampung Sungai Pinang Mukim Kapar	25
	Kampung Sungai Udang	1
	Kampung Rantau Panjang	11
	Seri Perantau	5
	Kampung Batu 3	4
Total		62

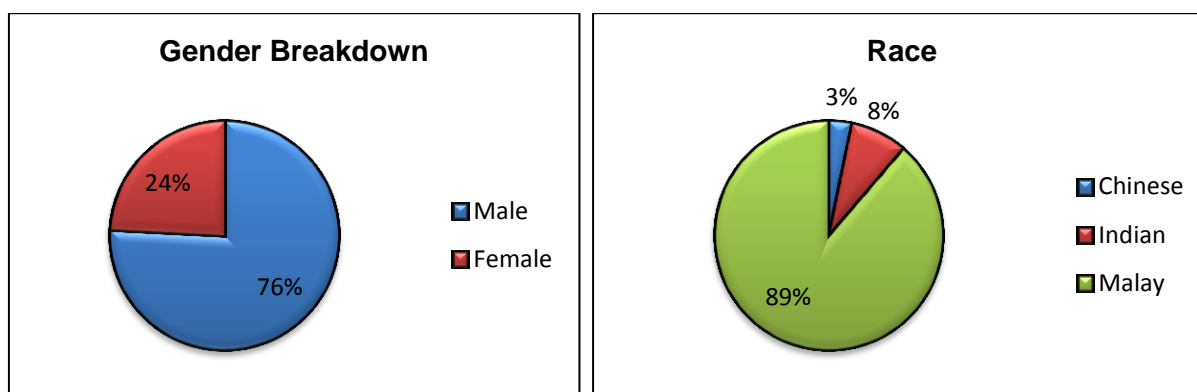
Since the objective of the training was a community-based programme, 82% of the participants were from the communities and 18% from the relevant agencies: Department of Irrigation and Drainage Malaysia (DID) and Majlis Perbandaran Klang (MPK).



Details of participants distribution which attended the training was presented in the chart below.



Out of all, 24% of the training participants were female with a three quarter of the participants was male. Even though it looks like no gender equality breakdown, the percentage of female participant is higher than earlier TOT conducted in Jun 2016 which is only 9%. It is proposed in future, the breakdown on the gender is more balanced because both gender must obtained equal knowledge and experience to prepare for any possibilities flood disaster.



In addition, higher proportion of multiracial participants is expected to involve in future training so that the information shared can reach various local communities. As recorded in recent training, 55 of the participants were Malay, 2 representatives of Chinese and 5 participants were Indian. However, there was no recorded data for participants' age and occupation level. It is suggested to be included in future programme data collection.

TRAINING EVALUATION

University Putra Malaysia's (UPM) final year student En Hamizan has carried out the training impact study (before and after) as part of his final project. Currently he is finalizing the data and hopefully the findings can be included in the next report.

VISIBILITY

Training video been uploaded into YouTube :

Video	Title	Link
Video 1	Community Flood - Proofing and Adaptation for Climate Resilience	https://youtu.be/xjv67bOIntY
Video 2	Training of trainers (TOT): Community Flood Preparedness for Klang Communities 2015	https://youtu.be/wiu6ifDONTs

CONCLUSION

As a conclusion, the training was successful in empowering the community to face the flood issues. During the training, it was observed the local community plays a major role in conveying the message obtained from the trainer and sharing the knowledge to their community groups. In addition, it was also observed that demonstration and hands-on activities has a better impact on engaging the communities. It was also concluded that some of the participants will be engaged as resource personal in upcoming community training events by UPM.

Annex 1: Minutes of Meetings

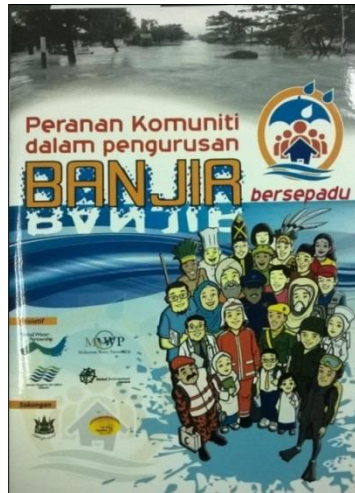
Meeting	Date	Venue	Discussed Points
First	2 nd October 2015	Meeting room Town Planning Department, MPK@Jalanraya Barat	The first meeting was held between the MPK, DID and the GEC. The main purpose of this meeting was to discuss follow-up activities as a community initiatives programme. The Chairman of the meeting thanked the cooperation of GEC in continuing with activities mainly in the Klang community to prepare for flooding as a result of climate change. Dr. Kali then presented the proposed activities that will be held during the programme. Dr.Kali also stressed that this program is 100% focused on practical/ hands-on training that include some important aspects in making preparations for the flood. Meetings of experts give their views on the proposed activities and improvements that will be made and this was approved by all members. The meeting was then adjourned and will meet for the site visit on 21 October 2015.
Second	21 st October 2015	Village head's house at Kg Sungai Pinang Mukim Kapar, Klang.	The second meeting involved a discussion between MPK, GEC, JKK and DID regarding the flood preparedness training activities and selection of participants from several villages. Meeting was initiated by the MPK which they reviewed the last minute of the first meeting and then followed by the second meeting agenda. Then, Mr. Azrin from GEC presented the activities for flood preparedness training which focused on the 'Town-watching' activities. Details information about 'Town-watching' was explained by DID representative, En Mohd Fisham. After meeting session, the entire project working group went for site visit around Kg Sg Pinang Mukim Kapar to survey for suitable roads and area for the 'Town-watching' training. The meeting was adjourned at 5.30 pm and will be held the third meeting agreed on November 2 nd , 2015 as the last meeting before the implementation of the training program.

Annex 1: Minutes of Meetings (cont..)

Meeting	Date	Venue	Discussed Points
Third	2 nd November 2015	Meeting room, Dewan Serbaguna Kampung Sungai Pinang Mukim Kapar, Klang.	The third meeting was held with the full involvement of all parties and the secretariat of MPK, agencies or departments involved in the implementation of the flood training program. It has been decided that Kg Sg Pinang Mukim Kapar will be the selected community to get trained on field. The meeting began with the head villager's speech about flood and their possibility to face the disaster. Next, Dr Kali presented a updates regarding the training and listed the names of participants and proposed representative from local authorities and departments. The meeting members agreed with the selection of participants. Review for the tentative programme was also carried out to ensure the smooth running of the programme and all members have agreed to the tentative arrangements made. Meeting was adjourned after all checklists for implementation programme has been reviewed and approved by all members involved in the implementation of the program.

Annex 2: MATERIALS

A: Hand Book



B: Presentation/Exercises

Presentation 1	Programme Introduction	Details of the objectives and goals of the programs implemented. Exposure to the importance of knowledge and skills to face the scenario of flooding in the community
Exercise 1	Flood Hazards Town-watching Training	Identifying safe paths during floods and impact of flood
Exercise 2	Water Filtration	Training on Water Management during Flood
Exercise 3	Grab Bag	Preparatory during the Flood: Hands-on Grab Bag preparation.



PELAN INISIATIF KOMUNITI
LATIHAN MEMPERKASAKAN KOMUNITI DALAM BENGKEL
PERSEDIAAN MENGHADAPI BANJIR PERINGKAT KOMUNITI KLANG
(KG. SG. PINANG MUKIM KAPAR) 2015

Projek Pendekatan Komuniti dalam Persediaan Menghadapi Risiko Banjir disebabkan Perubahan Iklim (*Community flood-proofing and adaptation for climate resilience*)

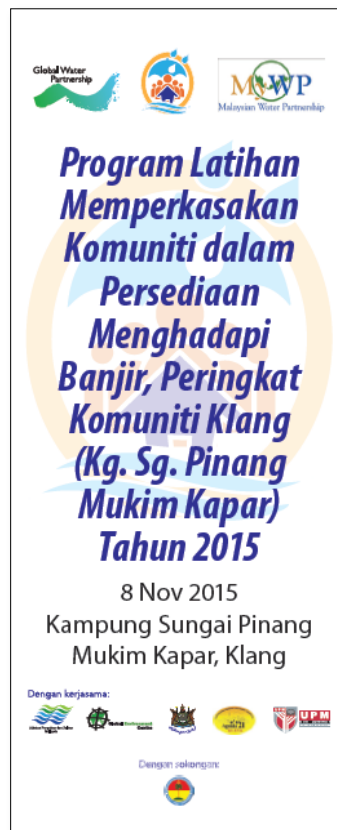
Tempat: Surau Haji Abdullah Faleh, Kampung Sungai Pinang, Mukim Kapar, Klang
Masa: 8.30-1.00 petang
Tarikh: 28.11.2015



C: Training Materials



Banner for the training



Bunting for the training



Certificate of Participants



Certificate of Trainer



Certificate of Partnership



Sticker for Grab Bag



Sticker for Medical Kit



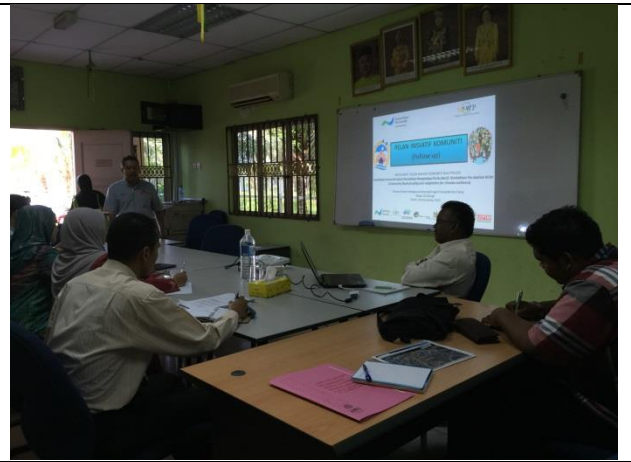
Flood Badge



Grab Bag

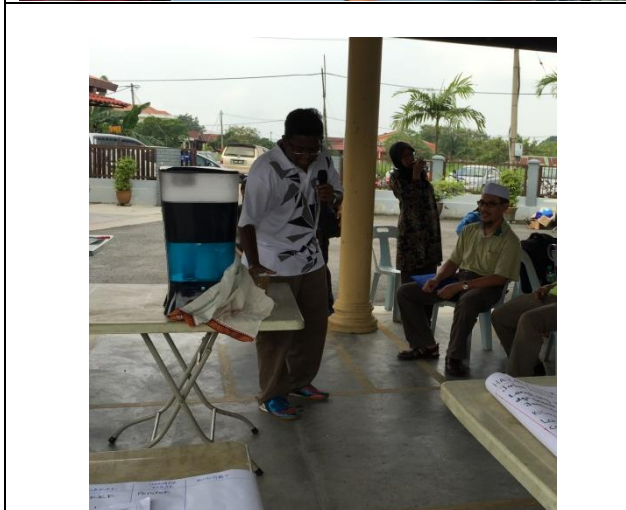
Annex 3: Images

A: Preparation meetings



B: Training activities







C: Secretariat, Trainers, Resource Personal and Facilitators



