

**WCP-SEA-MALAYSIA WP-5: Stage II
Community Flood-Proofing And Adaptation For Climate
Resilience**

PROJECT REPORT

**PROGRAMME: FLOOD PREPAREDNESS
TRAINING FOR KELANTAN COMMUNITIES
(DISTRICT PASIR MAS), 2016**



Date: 29th August 2016 (Monday)

Time: 8.30 am – 5.00 pm

Venue: Dewan Utama Apam Putra, Majlis Daerah Pasir Mas, Kelantan

WCP-SEA-MALAYSIA WP-5: STAGE II

Community Flood – Proofing and adaptation for climate resilience. **Programme: Flood preparedness training for Kelantan communities.**

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 (GEC) entrusted as a working partner to implement this training. Series of stakeholder consultations and meetings held in conjunction with this motive to identify and achieve the aim through the targeted community.

The preparatory meetings were carried out on 23rd May 2016 and 16th August 2016 with Department of Irrigation and Drainage (DID) Pasir Mas and other related departments such as BOMBA, District and Land Office, Social Welfare Department, District Health Office and DID Kelantan. The committee agreed to conduct the programme on August 29th 2016 with the support of various agencies and a total of five (5) papers from GEC/MyWP, DID Pasir Mas, National Disaster Management Agency (NADMA), District Health Office and Social Welfare Department together with hands-on and field training

In total 78 representatives from 15 villages within the vicinity of Pasir Mas area participated in the one (1) day flood preparedness-training programme. The training focused on Pasir Mas local communities, which were located within the Sg Golok river basin due to the frequent flood incident almost every year. The majorities of the participants that attended the training were village heads and local residents as well as the representative of local authorities and government agencies. The programme focused on the early preparation for flood especially on the communities' role during flood event, grab bag and 72H Kit preparation as well as potable water management. In addition, the communities also exposed to flood 'Town-watching' training, which captured the communities' interest.

INTRODUCTION

In Malaysia, flood 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 IFM developed for implementation and dissemination for all stakeholders.

During the Community Flood-Proofing and Adaptation for Climate Resilience seminar back in December 2014, the participants understood that as the local community they play a major role in dealing with issues related to flood and are willing to play a role in order to address the pertaining issues related with flood and water source management. As the significant outcome of the seminar, a one (1) day 'Training of Trainers' (ToT) was held on 13th June 2015 as a pilot project to test the effectiveness of the module. A follow-up activities focused on Town-Watching training with selected community was held on 8th of November 2015 with the support of MPK, DID Malaysia and UPM. As the outcome of the town watching, RIVER Ranger Kg Sg Pinang Klang developed a Flood Hazard Route Map as in **ANNEX 1**, which focused within the vicinity of Kg Sg Pinang Bandar, Mukim Kapar, Klang.

As a follow up initiatives of the pilot project carried out in Klang, two (2) states selected for outreach at a wider community especially among those who are frequently affected with the annual flood disaster. The community of Sg Isap, Kuantan was one of the badly affected communities by flood in Pahang. Besides that, the communities of Pasir Mas district was affected due to monsoon season in Kelantan. Both the sites were chosen for the outreach and implementation programme in 2016.

This report will be focusing on the Flood Preparedness Training for Kelantan communities (District Pasir mas) which was conducted on 29th August 2016 at Dewan Utama Apam Putra, Majlis Daerah Pasir Mas, Kelantan with the support of DID Kelantan & Pasir Mas.

OBJECTIVE

The main objective of the programme is to empower selected communities in preparedness for flood disaster through Flood Hazard 'Town-watching' training as well as management of water resources, emergency plan and preparedness for flood using Grab Bag and 72H Kit.

TARGET OUTPUT

To provide appropriate skills 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 localize flood hazards map.

WORKING PROJECT PARTNERS

- i. Malaysia Water Partnership (MyWP)
- ii. Global Environment Centre (GEC)
- iii. Department of Irrigation and Drainage Malaysia (DID)
- iv. Department of Irrigation and Drainage Kelantan and Pasir Mas

STAKEHOLDER CONSULTATION

GEC officer together with DID Pasir Mas officers conducted the first site reece on 8th May 2016 and the following site visit was conducted on 22nd of May 2016 to selected villages as Kampung Siram, Kampung Lanchang, Kampung Meranti within the Sg Golok river basin. First official meeting was conducted by GEC with DID Pasir Mas, Social Welfare Department (JKM) Pasir Mas, Public Works Department (JKR) Pasir Mas and District and Land Office Pasir Mas on 23rd May 2016 at DID Pasir Mas. The meeting, which was officiated by the District Engineer of DID Pasir Mas, focuses on community preparedness concept, which GEC presented the background and the details information on the proposed training as well as on DID Pasir Mas and the local authorities' roles. The 2nd preparation meeting was carried out on 16th August 2016 involving GEC, DID Pasir Mas and local authorities as well as all the speakers. The Minutes of Meetings of both meeting attached in **ANNEX 2**.

TRAINING METHODOLOGY

Local communities conducted the training through five (5)-paper presentation, three (3) flood-training exercises, previous flood-trainings video presentation and hands-on demonstration. The first half of the training focused on paper's presented on Project Introduction & Community Roles in Flood Integrated Management, Flood Scenario at Kelantan/ Pasir Mas, Flood Disaster Management Mechanism for National and State Level, Health Care and Hygiene Management in Residential Areas and Environment as well as Operation, Management and Procedure at the Evacuation Center by the officers from respective agencies. The detailed information on the

presenter and the summary of each presented topics tabulated in **TABLE 1**, followed with the detailed exercises in **TABLE 2** whereas the training agenda as tabulated in **TABLE 3**.

The focus of the training was on the three (3) flood-training exercises developed by GEC for the community engagement programme that focused on Flood Hazards 'Town-watching', potable Water Management during floods time as well as preparation of Grab Bag and 72H kit.

- The **Flood Hazards 'Town-watching'** training focuses on identifying the routes traveled during disasters such as flooding and its consequences. Mapping conducted based on the concept of flood hazards 'township' safe passage using the sketch map as localized flood preparedness measures.
- **Potable Water Management** training during floods focused on the mitigation measures and alternative water treatment methods for use during flooding period.
- **Grab Bag and 72H kit** is an emergency & preparedness kit that is required and should be prepared in advance before struck by flood disaster.

The project brochure and community handbook that includes the basic information as the initial step of preparedness before, during and after flood distributed among the participants. A checklist for the grab bag and 72H kits, emergency contact brochure, a sample of informative Town-Watching pocket maps developed from Klang community, and the complete training modules in CDs distributed among the village heads and other government agencies for references and future usage. **ANNEX 3** included all the materials utilized in the training.

For the 'Town-watching' training, support of DID Malaysia was attained to provide necessary briefing and to lead the demonstration for the exercise during the program. In addition, site surveying and hands-on activities carried out to expose and train the communities on how to conduct benchmarking and in identifying flood areas, the contributing factors, the destructive areas/components as well as on emergency response during the disaster. **ANNEX 4** captures the images during the training.

TABLE 1: SUMMARY OF THE PAPERS PRESENTED FOR FLOOD PREPAREDNESS TRAINING

Title	Summary	Speaker/ Trainer
Paper 1: Project Introduction & Community Roles In Flood Integrated Management	Details of the objectives and goals of the programs implemented. Exposure on importance of knowledge and skills among the communities to face the flood scenarios.	Dr. Kalithasan Kailasam Coordinator RIVER Care Programme, Global Environment Centre
Paper 2: Flood Scenario at Kelantan/ Pasir Mas	Exposure of type of floods that usually occurs in regional and state level, the public flood information and the role of DID in flood events.	En. Ir Shardani Salleh District Engineer, DID Pasir Mas
Paper 3: Flood Disaster Management Mechanism For National And State Level	Information on available platform and the role of government agencies in disaster management. Mechanisms and guidelines to deal with disasters at local or even Malaysia with applicable law and procedures as well as NADMA procedures.	En. Wan Muzani Wan Idris National Disaster Management Agency (NADMA)
Paper 4: Health Care and Hygiene Management in Residential Areas and Environment	Health Care Management, which focused on importance of health care during and after flood disaster and how the communities can play their roles.	Dr Munira Binti Haji Mahmud District Medical Officer, Pasir Mas
Paper 5: Briefing on Operating and Management Procedure in Flood Relief Centre	Description of the preparedness in the management of the Flood Evacuation Centre, System Management and Maintenance in the Flood Evacuation Centre in collaboration with Social Welfare Department and others agencies involved.	Pn. Hulwati Binti Mohammad Social Welfare Department Pasir Mas

TABLE 2: SUMMARY OF THE EXERCISES FOR FLOOD PREPAREDNESS TRAINING

Title	Summary	Speaker/ Trainer
Exercise 1: Town -watching training on identifying safe paths during flood and the impact of flood	Exposure on finding of secure methods of identification of routes traveled during disasters such as flooding and its consequences. Mapping carried out based on the concept of flood hazards 'township' safe passage using the sketch map as flood preparedness measures.	En. Mohd Fisham Bin Abu Basah Senior Assistant Director, Division of Flood Management, DID Malaysia
Exercise Training on Water Management during flood	Possible water management and mitigation measures as well as on alternative drinking water treatment during flood.	Dr. Kalithasan Kailasam Coordinator RIVER Care Programme, Global Environment Centre
Exercise 3: Preparation of Grab Bag and 72H Kit	Information and sharing of inventory checklist on that is needed before the flood disaster such as the 'Grab Bag' and 72H Kit.	Dr. Kalithasan Kailasam Coordinator RIVER Care Programme, Global Environment Centre

TABLE 3: AGENDA

TIME	PROGRAMME
8.00 am	Registration
8.45 am	Opening Ceremony by Pasir Mas District Council
9.15 am	Morning tea break
9.30 am	Project Introduction & Community Roles In Flood Integrated Management <ul style="list-style-type: none">➤ Global Environment Centre (GEC)
10.15 am	Flood Scenario at Kelantan/ Pasir Mas <ul style="list-style-type: none">➤ Department of Irrigation and Drainage (DID) Pasir Mas
10.45 am	Flood Disaster Management Mechanism For National And State Level <ul style="list-style-type: none">➤ National Disaster Management Agency (NADMA)
11.30 am	Health Care and Hygiene Management in Residential Areas and Environment <ul style="list-style-type: none">➤ District Health Office
12.15 pm	Operation , Management and Procedure at the Evacuation Center <ul style="list-style-type: none">➤ Social Welfare Department Pasir Mas
1.00 pm	Lunch and Rest
2.15 pm	Flood Preparedness Training <ul style="list-style-type: none">a) Grab Bas & 72H Kit Preparationb) Water treatment during flood<ul style="list-style-type: none">➤ Global Environment Centre (GEC)
3.00 pm	'Town-Watching' Training <ul style="list-style-type: none">➤ Department of Irrigation and Drainage (DID) Malaysia
4.15 pm	Closing Ceremony by Dato' Ir. Hj. Hanapi Bin Mohamad Noor (MyWP) <ul style="list-style-type: none">➤ Certificate Giving Ceremony➤ Grab Bag Giving Ceremony
5.00 pm	Evening tea break

STAKEHOLDER PARTICIPATION

The Flood Preparedness Training for Kelantan communities (District Pasir Mas) which was conducted on 29th August 2016 at Dewan Utama Apam Putra, Majlis Daerah Pasir Mas, Kelantan was officiated by the Pasir Mas District Officer, En. Mohamed Nor bin Husin. Meanwhile, the closing ceremony was officiated by Dato' Ir. Haji Hanapi Bin Mohamad Noor, Vice President of Malaysia Water Partnership (MyWP) followed by handover of grab bag, certificates, pocket brochure Town-watching map and CDs to the representatives from each villages and local authorities which supported and attended the whole training. A press conference was held among the VIP's and media from TV1 (RTM Kelantan) who attended to make coverage of the remarkable event. The training was marked as one of the most successful training conducted with involvement of stakeholders, local partners, media agencies and remarkable participation of local communities. **PARTICIPANTS**

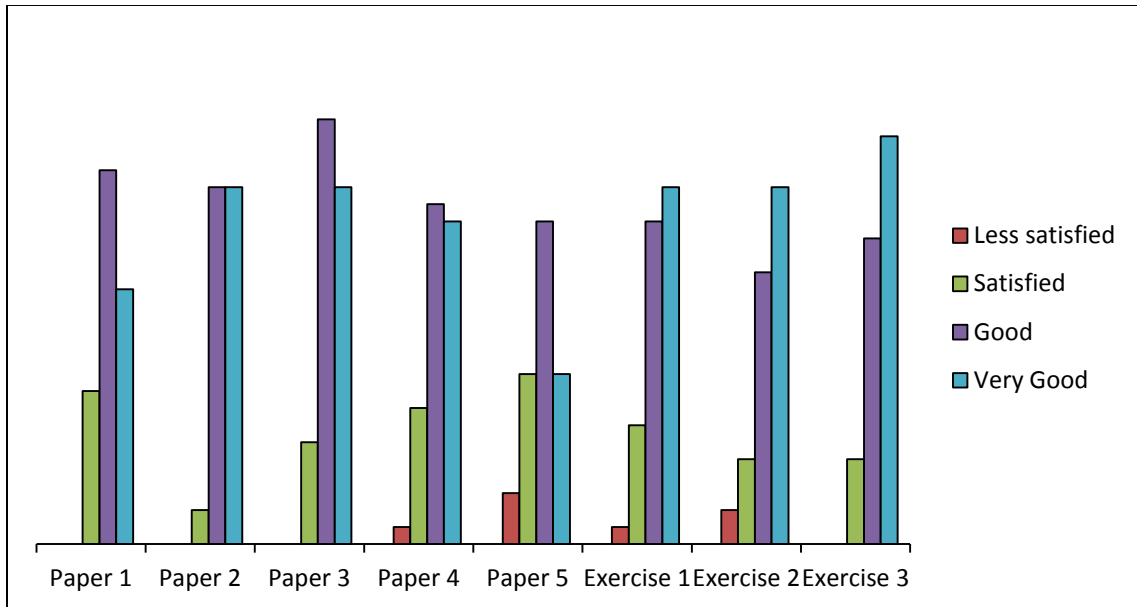
In total, 78 participants from 15 villages within Pasir Mas attended the flood preparedness-training programme. In addition, 41 officers from local authorities and the other relevant agencies as well the fellow speakers were also supported the training. The breakdowns of participants are as tabulated in **TABLE 4**.

TABLE 4: PARTICIPANTS BREAKDOWN

Category	Participants Breakdown	No of Participants
Local Authority	Jabatan Penerangan Negeri Kelantan	1
	Jabatan Hal Ehwal Agama Islam Negeri Kelantan	1
	Ibu Pejabat Polis Daerah Pasir Mas	1
	Jabatan Pertahanan Awam Malaysia (Pasir Mas)	7
	Pejabat Tanah dan Jajahan Pasir Mas	1
Speakers/ Trainers	Department of Irrigation and Drainage Malaysia	1
	Department of Irrigation and Drainage Pasir Mas	1
	National Disaster Management Agency (NADMA)	1
	District Medical Officer, Pasir Mas	1
	Social Welfare Department Pasir Mas	1
Secretariats and Partnership	DID Kelantan	10
	DID Pasir Mas	10
	GEC	5
Participants (Community)	Kampung Lanchang	8
	Kampung Tok Derpah	10
	Kampung Jejawi	2
	Kampung Bukit Tandak	3
	Kampung Tok Sangkut	6
	Kampung Bongor	3
	Kampung Banggol Nyior	5
	Kampung Chenerai	8
	Kampung Siram	5
	Kampung Banggol Kong	5
	Kampung Pohon Tanjung	5
	Kampung Meranti	4
	Kampung Senior	6
	Kampung Kubang Hitam	3
	Kampung Kelawar	5
Total		119

TRAINING EVALUATION

Overall, the participants pointed out that the training equipped them with information on flood preparedness within the community level. Moreover the participants were motivated to practice and outreach at their respective villages. From the observation as in Graph 1, the communities are well supportive of all the three (3) exercises implemented and practiced during the training, detailed evaluation analysis attached in **ANNEX 5**.



Graph 1 : Overall Evaluation for Training

In total there was one (1) media from Sinar Harian for the opening ceremony and from TV1 (RTM Kelantan) for the closing ceremony.

1 newspaper article:

- 1) Sinar Harian; 30th August 2016, Page 4



Training video 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

KEY OUTCOME

Marking the successful development of community based flood hazard route map, an official ceremony of handover of Community's Flood Hazard Route Map by RIVER Ranger Community of Kampung Sungai Pinang Bandar to Mayor of Klang Municipal Council was held on July 27th 2016. The ceremony was witness by Yg. Bhg. Dato' Seri Ir. Zainor Rahim bin Ibrahim, Chairman of MyWP and The Councilor Mr. Yew Boon Lye has received on behalf of the mayor. In addition, about 200 pieces of informative pocket size map as in **ANNEX 6** containing Town Watching information and Kampung Sungai Pinang Bandar's Community Flood Hazard map were distributed to all community members for reference and easier to keep. Beside that A3 size map was distributed to almost 20 key stakeholders like, member of State & parliament, District Office, and other local agencies to display the map.

The Community Flood – Proofing and adaptation for climate resilience training carried out with the support of MPK and DID Malaysia was the first bench mark under the national flood training which incorporates grab bag, 72H kits, flood hazard route map. **ANNEX 7** is the photos during the handover of Community's Flood hazard Route Map ceremony.

CONCLUSION

In summary, the Flood Preparedness Training for Kelantan communities (District Pasir Mas) on 29th August 2016 with the support of DID Kelantan/ Pasir Mas was a successful training programme towards empowering the community to face the flood issues. It is acknowledged during the training, that local communities play a major role in conveying the message obtained from the trainer 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 identified that some of the participants were interested to be engaged in future localized training at their own village.

EXPENDITURES

Malaysian Water Partnership		Expenditure
BREAKDOWN OF EXPENDITURE		
No	Description	RM
1.	Town-Watching Map Giving Ceremony	1,746.10
2.	Kelantan Flood Training	13,528.62
	Site recee	222.00
	1st Site visit and meeting with DID Pasir Mas	1,367.64
	2nd Meeting with DID Pasir Mas	661.64
	Flood Training - implementation	11,277.34
3	MANAGEMENT	12,810.00
	Time and Consultation fee	10,190
	Photocopy and Printing	500.00
	Communication	500.00
	Admin& Accounting	1,620.00
	Grand Total	28,084.72

ANNEX 1: FLOOD HAZARD ROUTE MAP



**Community’s Flood Hazard Route Map developed by RIVER Ranger Community of
Kampung Sungai Pinang Bandar**

ANNEX 2: MINUTES OF MEETINGS

MINIT MESYUARAT PERTAMA

MESYUARAT PERTAMA TAKLIMAT PERLAKSANAAN PROGRAM LATIHAN PERSEDIAAN MENGHADAPI BANJIR PERINGKAT KOMUNITI PASIR MAS, KELANTAN BAGI TAHUN 2016

Tarikh : 23hb Mei 2016 (Isnin)
Masa : 8.30 pagi
Tempat : Bilik Mesyuarat, Pejabat Jabatan Pengairan dan Saliran Pasir Mas

KEHADIRAN

Ir. Shardani Bin Salleh	Jurutera Jajahan, Jabatan Pengairan dan Saliran Pasir Mas - Pengerusi
Dr. Kalithasan Kailasam	Koordinator, River Care Programme Global Environment Centre (GEC)
Puan Marziah Binti Mohamad	Jabatan Pengairan dan Saliran Kelantan
Puan Sharipah Marlina Binti Sayeid Din	Jabatan Kebajikan Masyarakat
Encik Nik Zainal Abidin Bin Nik Mohamed	Jabatan Kerja Raya Pasir Mas
Encik Wan Zainuddin Bin Wan Nawang	Jabatan Pengairan dan Saliran Pasir Mas
Encik Mohd Rusli Bin Mohd Nor	PIJPM
Encik Mohd Ashraf Bin Alias	Jabatan Pengairan dan Saliran Pasir Mas
Encik Azmi Bin Mahmud	Jabatan Pengairan dan Saliran Pasir Mas
Encik Zaidi Bin Haron	Jabatan Pengairan dan Saliran Pasir Mas
Encik Johan Wahyudi Bin Affandi	Jabatan Pengairan dan Saliran Pasir Mas
Encik Norazrin Bin Mamat	Global Environment Centre
Encik Muhammad Firdaus Bin Yakob	Global Environment Centre

1.0 UCAPAN Pengerusi

- 1.1 Mesyuarat dimulakan dengan ucapan salam dan terima kasih di atas kehadiran semua wakil jabatan/ agensi, serta GEC selaku NGO yang bekerjasama dalam pelaksanaan projek ini.
- 1.2 Makluman pelaksanaan lawatan tapak yang dilakukan pada 22hb Mei 2016 bersama GEC dan JPS Pasir Mas.
- 1.3 Makluman berkenaan kejadian banjir yang berlaku di Pasir Mas yang mana pada tahun 2014 sebanyak 75% kawasan di Pasir Mas ditenggelami banjir.
- 1.4 Penerangan berkenaan tugas JPS semasa banjir yang mana JPS hanya melakukan pemantauan paras air dan mengeluarkan makluman kepada masyarakat. JPS Pasir Mas juga dalam usaha memasang Sistem Program Ramalan Awal Banjir.
- 1.5 Menyerahkan majlis kepada GEC bagi sesi taklimat pelaksanaan program.

2.0 TAKLIMAT DARIPADA MyWP/GEC.

- 2.1 Ucapan terima kasih kepada JPS Pasir Mas kerana sudi menjadi rakan projek dalam pelaksanaan program murni ini.
- 2.2 Makluman berkenaan program-program sepanjang tahun 2014 hingga 2016 yang telah diadakan oleh MyWP/GEC yang berkaitan persediaan menghadapi banjir.
- 2.3 Pengenalan berkenaan latar belakang GEC dan MyWP.
- 2.4 Pembentangan berkenaan cadangan program yang akan dilaksanakan di peringkat komuniti Pasir Mas.

3.0 PERBINCANGAN AHLI MESYUARAT

- 3.1 Cadangan tarikh pelaksanaan adalah pada 29hb Ogos 2016 (Isnin) dan telah dipersetujui oleh semua ahli mesyuarat.
- 3.2 Cadangan tempat adalah di Dewan Utama Apam Putra dan pengisian modul mengikut kesesuaian GEC.
- 3.3 Pihak JPS dan ahli mesyuarat mencadangkan pelaksanaan program pada hari bekerja bagi memudahkan penglibatan semua pegawai-pegawai yang terlibat.
- 3.4 Cadangan bagi taklimat penjagaan kesihatan dilaksanakan oleh Pejabat Kesihatan Daerah.
- 3.5 Bagi perasmian penutup adalah oleh JPS Malaysia/ JPS Kelantan atau MyWP.
- 3.6 Jemputan seramai 5 orang wakil daripada setiap kampung dan perbelanjaan pengangkutan adalah dibawah tanggungan MyWP/GEC.
- 3.7 Cadangan jumlah peserta adalah seramai 50 orang daripada 10 kampung dibawah Jajahan Pasir Mas.
- 3.8 Tetamu jemputan (VIP) bagi perasmian pembukaan program adalah Pegawai Daerah Pasir Mas atau MyWP.

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- 3.9 Cadangan Taklimat Senario Banjir Daerah Pasir Mas disampaikan oleh Jurutera Jajahan JPS Pasir Mas atau Puan Maziah, JPS Kelantan.
 - 3.10 Cadangan Taklimat Mekanisma Pengurusan Bencana Peringkat Kebangsaan dan Negeri disampaikan oleh NADMA.
 - 3.11 JPS Pasir Mas setuju menjadi sekretariat bagi pelaksanaan program. Segala urusan surat menyurat pelaksanaan program akan dikeluarkan oleh JPS Pasir Mas tetapi kandungan surat akan disediakan oleh GEC.
 - 3.12 Cadangan agar setiap agensi dijemput untuk mengadakan pameran semasa pelaksanaan program.
 - 3.13 Pihak JKM mengucapkan terima kasih dan tahniah kepada GEC dan JPS yang telah berusaha dalam melaksanakan program ini. JKM telah menubuhkan AJK bagi bahagian masing-masing seperti AJK Kebersihan dan lain-lain. Persoalan daripada JKM bahawa samada terdapat kajian keberkesanan terhadap pelaksanaan program-program yang telah diadakan. GEC memaklumkan bahawa kajian selidik sememangnya telah diadakan oleh UPM.
 - 3.14 Ahli mesyuarat mencadangkan agar mesyuarat kedua sebelum program diadakan bagi mengemaskini perkembangan semasa perancangan dan persediaan program.
 - 3.15 Penangguhan mesyuarat.

Disediakan Oleh:

.....
NORAZRIN BIN MAMAT
Pegawai Program,
River Care Programme,
Global Environment Centre.

Disemak Oleh:

.....
DR. KALITHASAN KAILASAM
Koordinator,
River Care Programme,
Global Environment Centre.

Disediakan pada 24hb Mei 2016

Disahkan Oleh:

.....
IR. SHARDANI BIN SALLEH
Jurutera Jajahan,
Jabatan Pengairan dan Saliran Pasir Mas.

MINIT MESYUARAT KEDUA

MESYUARAT KEDUA PROGRAM LATIHAN PERSEDIAAN MENGHADAPI BANJIR PERINGKAT KOMUNITI JAJAHAN PASIR MAS, KELANTAN, TAHUN 2016

Tarikh : 16hb Ogos 2016 (Selasa)
Masa : 3.30 petang
Tempat : Bilik Mesyuarat, Pejabat Jabatan Pengairan dan Saliran Pasir Mas

KEHADIRAN

Ir. Shardani Bin Salleh	Jurutera Jajahan, Jabatan Pengairan dan Saliran Pasir Mas - Pengerusi
Dr. Kalithasan Kailasam	Koordinator, River Care Programme Global Environment Centre (GEC)
Puan Marziah Binti Mohamad	Jabatan Pengairan dan Saliran Kelantan
Encik Wan Zainuddin Bin Wan Nawang	Jabatan Pengairan dan Saliran Pasir Mas
Puan Hulwati Binti Mohammad	Jabatan Kebajikan Masyarakat
Dr Munira Binti Haji Mahmud	Pejabat Kesihatan Daerah Pasir Mas
Dr Nik Mohd Hafiz Bin Mohd Fuzi	Pejabat Kesihatan Daerah Pasir Mas
Encik El Taraff Mohd	Bomba dan Penyelamat Pasir Mas
Encik Wan Muzani Bin Wan Idris	Agensi Pengurusan Bencana Negara
Encik Mohd Rusli Bin Mohd Nor	Pejabat Tanah dan Jajahan Pasir Mas
Encik Muhammad Bin Yaacob	Jabatan Pengairan dan Saliran Pasir Mas
Encik Che Harun Bin Ismail	Jabatan Pengairan dan Saliran Pasir Mas
Encik Norazrin Bin Mamat	Global Environment Centre

1.0 UCAPAN Pengerusi

- 1.1 Ucapan aluan dan terima kasih kepada GEC kerana telah memilih Jajahan Pasir Mas bagi pelaksanaan program dan memilih JPS Pasir Mas sebagai tuan rumah.
- 1.2 Makluman ahli jemputan mesyuarat yang hadir dan ucapan terima kasih kepada agensi/ jabatan yang hadir.
- 1.3 Makluman berkenaan program yang akan diadakan secara sepintas lalu.
- 1.4 Penyerahan mesyuarat kepada GEC.

2.0 TAKLIMAT DARIPADA MyWP/GEC.

- 2.1 Ucapan terima kasih kepada JPS Pasir Mas/ Kelantan dan lain-lain ahli mesyuarat yang hadir.
- 2.2 Makluman berkenaan latar belakang serta program-program dibawah inisatif MyWP/GEC.
- 2.3 Pengesahan kehadiran penceramah dan jemputan bagi pelaksanaan.
- 2.4 Pengesahan laluan selamat banjir seperti mana yang telah ditetapkan oleh GEC.
- 2.5 Makluman agenda pelaksanaan program dan tetamu jemputan.
- 2.6 GEC memaklumkan segala persediaan program adalah berjalan lancar dan hanya beberapa isu sahaja perlu dipantau dan ditambah baik iaitu kehadiran peserta dan urusan logistik.

3.0 PERBINCANGAN AHLI MESYUARAT

- 3.1 Cadangan perasmian pembukaan program adalah Tuan Pegawai Daerah Pasir Mas manakala ucapan aluan adalah disampaikan oleh Dato' Ir. Hj. Hanapi (MyWP). Surat jemputan akan disediakan oleh GEC dan dihantar melalui JPS Pasir Mas.
- 3.2 Makluman berkenaan pelaksanaan program melalui NADMA yang mana mereka mempunyai platform tersendiri dalam pelaksanaan program-program berkaitan banjir dan bencana. Sekiranya GEC dapat bekerjasama dan bergabung sepenuhnya dengan NADMA mungkin dapat memudahkan segala urusan berkaitan agensi-agensi lain.
- 3.3 Sidang media akan diadakan selepas perasmian pembukaan program yang mana wakil JPS adalah Puan Marziah bersama Tuan Pegawai Daerah, MyWP dan GEC. Penyata media akan dikeluarkan oleh GEC.
- 3.4 Bagi Taklimat Senario Banjir di seluruh negeri Kelantan akan disampaikan oleh Puan Marziah JPS Kelantan atau Ir Shardani JPS Pasir Mas.
- 3.5 Makluman berkenaan jemputan penceramah yang mana kesemua penceramah telah bersetuju dan GEC hanya menunggu salinan borang maklumbalas daripada penceramah.

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- 3.6 Jemputan perasmian penutup iaitu Pengarah JPS Kelantan adalah melalui GEC bersama JPS Kelantan.
 - 3.7 JPS Pasir Mas akan menghantar seramai 30 orang staff agar terlibat dalam pelaksanaan program.
 - 3.8 Ahli mesyuarat mengemukakan masalah kehadiran peserta yang mana urusetia perlu mempunyai perancangan terperinci untuk menarik dan memastikan kehadiran peserta semasa program diadakan nanti.
 - 3.9 Cadangan daripada JKM agar jemputan kepada peserta adalah fokus kepada urusetia/ jawatankuasa pusat pemindahan banjir yang mana JKM bersetuju untuk membuat jemputan.
 - 3.10 Cadangan daripada wakil Pejabat Daerah bagi jemputan peserta adalah melalui Tuan Pegawai Daerah dan satu mesyuarat harus dilaksanakan antara JPS Pasir Mas serta Pejabat Daerah.
 - 3.11 Pengacara Majlis dan Bacaan doa oleh pihak JPS Pasir Mas.
 - 3.12 Kebanyakan agensi bersetuju untuk memasukkan logo dalam apa-apa bahan publisiti seperti bina dan banting sebagai sokongan terhadap pelaksanaan program.
 - 3.13 GEC memohon agar JPS Pasir Mas dapat menyediakan beberapa orang pegawai sebagai urusetia bagi melancarkan pengurusan pelaksanaan program.
 - 3.14 GEC meminta semua penceramah atau jurulatih agar menyerahkan Salinan pembentangan (ppt) kepada GEC sebelum 26hb Ogos 2016 bagi penyelarasan penggunaan latar belakang pembentangan.
 - 3.15 Penangguhan Mesyuarat dan harapan pengerusi agar program berjalan lancar.

Disediakan Oleh:

.....
NORAZRIN BIN MAMAT
Pegawai Program,
River Care Programme,
Global Environment Centre.

Disemak Oleh:

.....
DR. KALITHASAN KAILASAM
Koordinator,
River Care Programme,
Global Environment Centre.

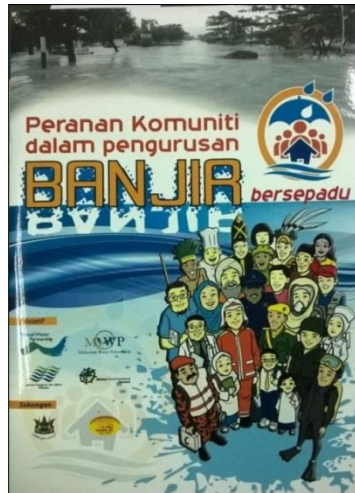
Disediakan pada 26hb Ogos 2016

Disahkan Oleh:

.....
IR. SHARDANI BIN SALLEH
Jurutera Jajahan,
Jabatan Pengairan dan Saliran Pasir Mas.

ANNEX 3: MATERIALS

A: Flood Hand Book



B: Presentation/Exercises

Paper 1: Project Introduction & Community Roles In Flood Integrated Management

Paper 2: Flood Scenario at Kelantan/Pasir Mas

Paper 3: Flood Disaster Management Mechanism For National And State Level

Paper 4: Health Care and Hygiene Management in Residential Areas and Environment

Paper 5: Operating and Management Procedure in Flood Relief Centre

Exercise 1: Town-watching training on Identifying safe paths during flood and the impact of flood

Exercise 2: Training on Water Management during flood

Exercise 3: Preparation of Grab Bag and 72H Kit



Template of Slide Presentation (ppt)

C: Training Materials

Inisiatif oleh: Dilaksanakan oleh: Dengan kerjasama: Dengan sokongan:



**Program Latihan Persediaan Menghadapi Bencana Banjir
Peringkat Komuniti Jajahan Pasir Mas
Kelantan, Tahun 2016**

Isnin, 29 Ogos 2016 | 8 pagi - 5 petang
Dewan Utama Apam Putra, Kompleks Apam Putra, Bandar Baru Pasir Mas

Banner for the training



Sijil Penyertaan

Dengan ini disahkan bahawa

telah menyertai
**Program Latihan Persediaan Menghadapi Bencana Banjir,
Peringkat Komuniti Jajahan Pasir Mas, Kelantan, Tahun 2016**

Pada 29 Ogos 2016
Dewan Utama Apam Putra, Kompleks Apam Putra, Bandar Baru Pasir Mas



Dato Seri Ir. Zainor Rahim bin Ibrahim
Pengerusi
MyWP



Ir. Haji Shamsul bin Sharif
Pengerah
JPS Kelantan



En. Faizal Parish
Pengerah
Global Environment Centre

Certificate of Participants



Certificate of Trainer



Certificate of Partnership and Supported



Sticker for Grab Bag



Sticker for Kit 72H



Sticker for Medical Kit



Sticker for Toiletries Kit



72H Kit



CD's

<p>Prosedur Pelaksanaan Peta Lalan Selamat</p> <p>Langkah 1: Tinjauan awal</p> <ul style="list-style-type: none"> Mengenal pasti kawasan berisiko dan tidak berisiko banjir, serta kawasan yang selamat dan tidak selamat untuk menyelamatkan diri apabila berlaku banjir. Pastikan gambar diambil di setiap kawasan yang dikenalpasti sebagai rujukan kelak. <p>Langkah 2: Pembangunan pelan</p> <ul style="list-style-type: none"> Rekod kesemua pemerhatian dan tinjauan pada kertas berserta label yang lengkap. Tandakan kawasan berbahaya dengan pen berwarna seperti merah. Kenalpasti dan nyatakan sebab kenapa kawasan tersebut berbahaya. Jika kawasan tersebut dapat dilalui dan selamat, tandakan dengan pen berwarna yang berbeza seperti biru dan nyatakan sebab beserta gambar untuk rujukan. <p>Langkah 3: Pembentangan dan perbincangan</p> <ul style="list-style-type: none"> Pelan laluan selamat perlu dibentangkan kepada komuniti setempat dengan penangan terperinci supaya sekiranya terdapat kekurangan informasi dan permasalahan, ianya dapat dibincang bersama komuniti dengan lebih jelas. Segala permasalahan dan idea yang dibincangkan hendaklah direkod dan mencapai kata sepakat oleh semua pihak serta komuniti. <p>Langkah 4: Perkongsian</p> <ul style="list-style-type: none"> Pelan laluan selamat yang dibina dikadangkan dan dikongsi dengan pihak berkuasa tempatan, ketua komuniti dan pihak berkepentingan lain sebagai rujukan dan tindakan sewajarnya. 	<p>3</p> <p>PETA LALUAN SELAMAT KOMUNITI SEMASA BANJIR</p> <p>Talian Kecemasan</p> <p>Komuniti 'Town Watching'</p> <p>1</p> <p>Kaedah mengenalpasti halangan, kawasan berisiko dan laluan yang selamat untuk dilalui semasa banjir. Ia juga dikenali sebagai Pemetaan Laluan Selamat Komuniti (Community-based Hazard Map).</p> <p>2</p> <p>Kegunaan Peta Laluan Selamat</p> <p>Sebagai panduan kepada komuniti setempat sebelum, semasa dan selepas banjir dalam mengenalpasti halangan dan risiko yang terdapat di kawasan setempat serta mengenalpasti laluan yang selamat untuk ke pusat pengumpulan/pemindahan* banjir yang terdekat.</p> <p><small>*Jika kepada pejabat daerah / MKN</small></p>	<p>PETA LALUAN SELAMAT KOMUNITI SEMASA BANJIR Kg. Sg. Pinang Bandar, Mukim Kapar, Klang</p>
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Pocket Brochure Town-watching Map



Poster Town-watching Map

ANNEX 4: IMAGES

A: Site Visit and Preparation meetings



22 May 2016 – Site Visit with DID Pasir Mas



22 May 2016 – Site Visit with DID Pasir Mas



23 May 2016 - 1st meeting with DID Pasir Mas & local authorities



16 August 2016 - 2nd meeting with DID Pasir Mas & local authorities

B: Overall programme activities



Training participants from 15 selected villages in Pasir Mas district located near to Sungai Golok, Thailand.



Opening ceremony with Pasir Mas District Officer, Mr. Mohd Nor bin Husin & Pasir Mas DID District Engineer Mr. Ir. Shardani bin Salleh.



Opening speech by Pasir Mas District Officer, Mr Mohd Nor bin Husin.



Paper presentation by DID Pasir Mas : Flood Scenario at Kelantan/ Pasir Mas.



Paper presentation by District Medical Officer Pasir Mas : Health Care and Hygiene Management in Residential Areas and Environment



Paper presentation by JPS Malaysia : Town-watching training on Identifying safe paths during flood and the impact of flood



Town watching exercise.

a) Local communities were divided into three groups to identify safe paths during flood near to training hall.



Town watching exercise.

b) After identifying the safe paths, local communities discuss among group members to finalise the hazard and solution for the problems.



Town watching exercise.

c) Each group present the findings for Town-watching exercise.



Training on Water Management during flood. Community representatives volunteered to test potable water after being treated.



Closing ceremony by Vice President of Malaysia Water Partnership (MyWP), Dato' Ir. Haji Hanapi Bin Mohamad Noor.



Grab bag giving ceremony to each of villages representative during training



Certificate of appreciation given to all the speakers for paper presentation during flood training.



Group photo with Pasir Mas District Officer and all the training participants.

ANNEX 5: EVALUATION

68% of the participants were communities whereas 32% from the local authority as well as relevant agencies as Department of Irrigation and Drainage (DID) Malaysia, National Disaster Management Agencies (NADMA) and other agencies as in Chart 1. The community breakdown distribution according to the villages is in Chart 2.

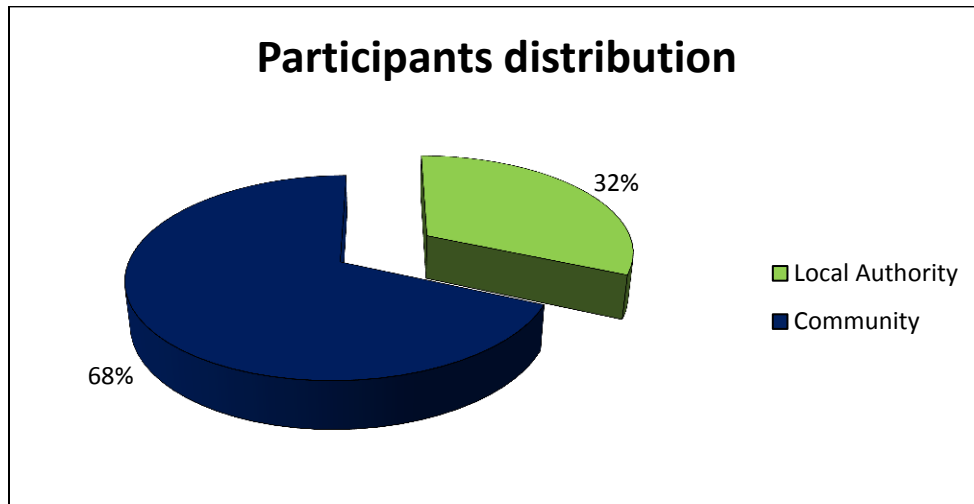


Chart 1 : Details of participants distribution

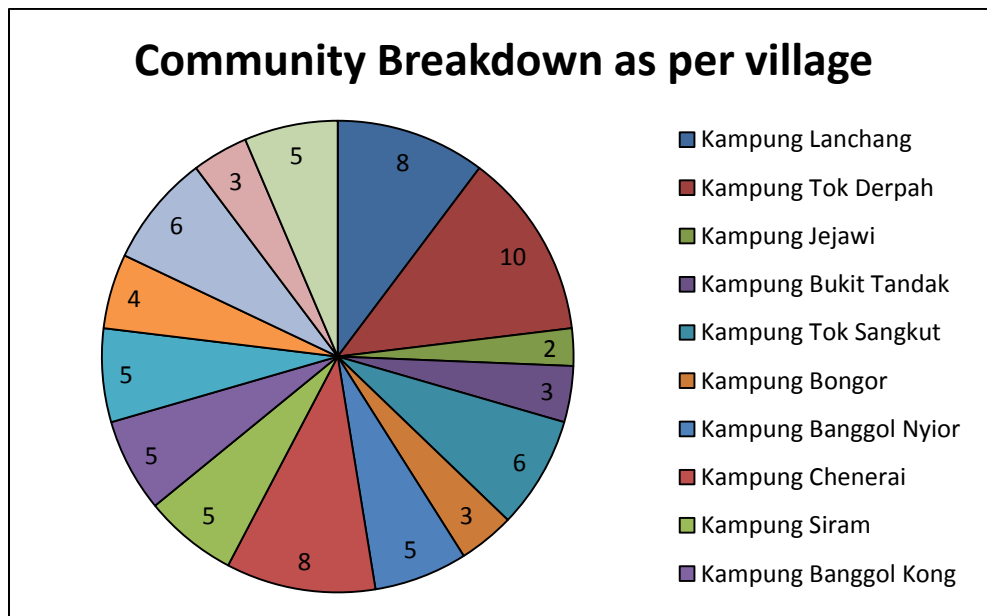


Chart 2 : Community breakdown for each village

There was a noticeable gender imbalance in the participation as male dominated the training with only 9% female. In future, the breakdown should be balanced because both gender must obtained equal knowledge and experience to prepare for any possibilities flood disaster.

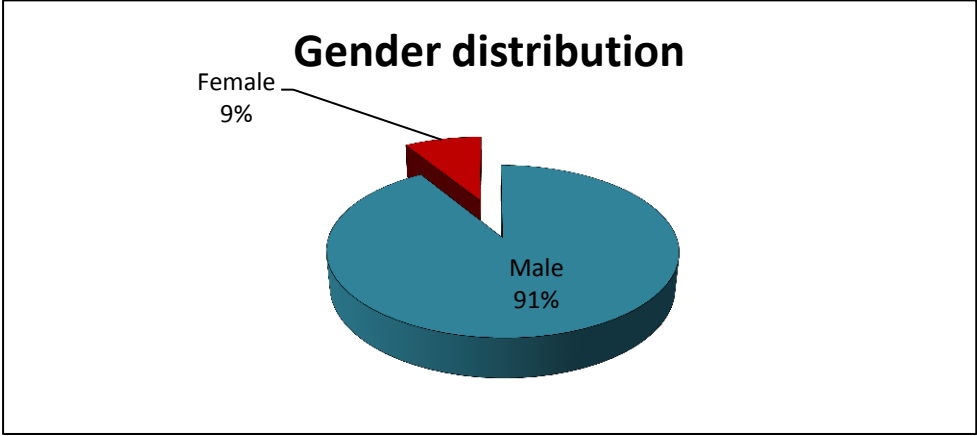


Chart 3 : Gender distribution

The training was attended by Malays only as villages within Pasir Mas area dominated by the Malay communities. 66% of the participants were within the age group of 36 and onwards which is relevant as the main target of the programme were village heads. 56% of the participants are self-employed. And 11% of the participants comprises on the students who were on semester break with the support of the village heads.

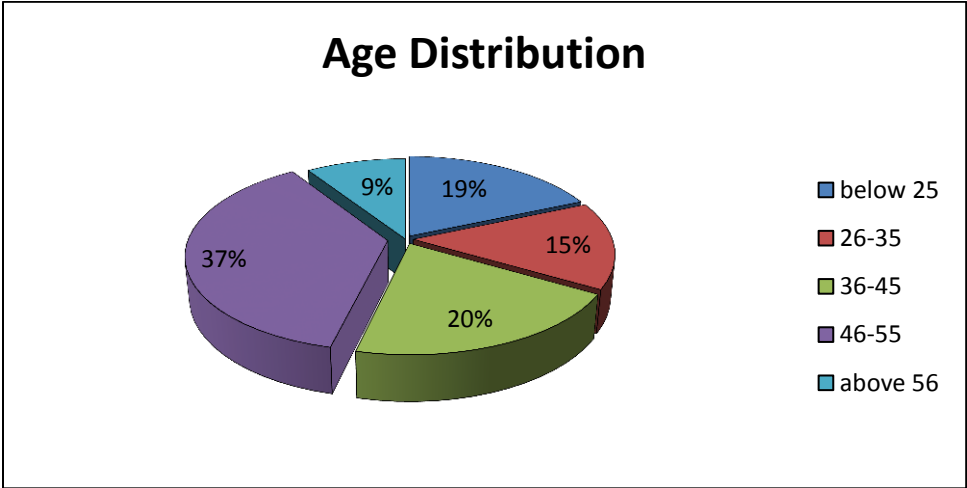


Chart 4 : Age Distribution

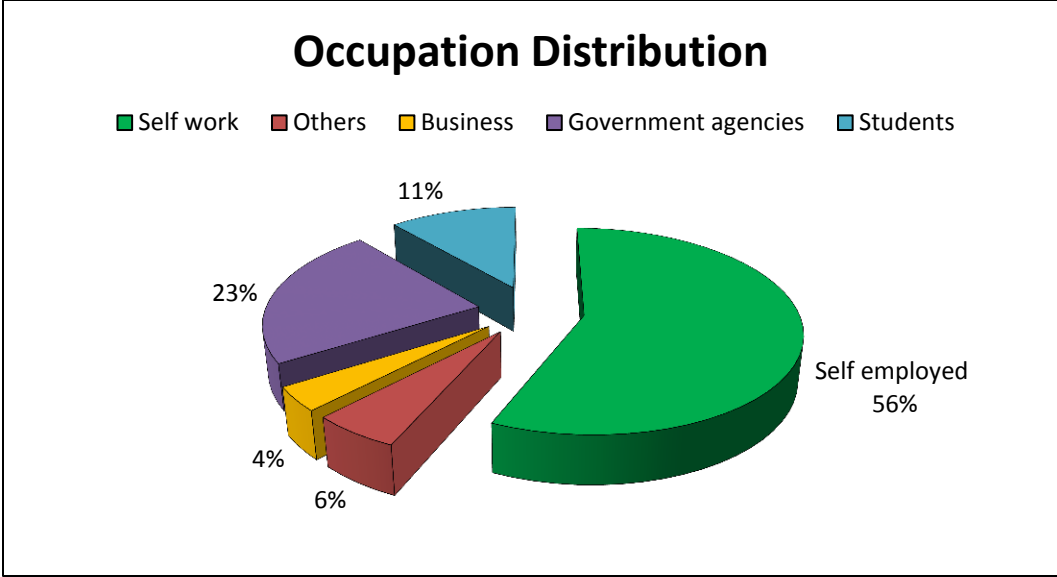


Chart 5 : Occupation Distribution

ANNEX 6: INFORMATIVE POCKET SIZE MAP

Prosedur Pelaksanaan Peta Laluan Selamat

Langkah 1: Tinjauan awal

- Mengenal pasti kawasan berisiko dan tidak berisiko banjir, serta kawasan yang selamat dan tidak selamat untuk menyelamatkan diri apabila berlaku banjir.
- Pastikan gambar diambil di setiap kawasan yang dikenalpasti sebagai rujukan kelak.

Langkah 2: Pembangunan pelan

- Rekod kesemua pemerhatian dan tinjauan pada kertas berserta label yang lengkap.
- Tandakan kawasan berbahaya dengan pen berwarna seperti merah.
- Kenalpasti dan nyatakan sebab kenapa kawasan tersebut berbahaya.
- Jika kawasan tersebut dapat dilalui dan selamat, tandakan dengan pen berwarna yang berbeza seperti biru dan nyatakan sebab berserta gambar untuk rujukan.

Langkah 3: Pembentangan dan perbincangan

- Pelan laluan selamat perlu dibentangkan kepada komuniti setempat dengan penerangan terperinci supaya sekiranya terdapat kekurangan informasi dan permasalahan, ianya dapat dibincang bersama komuniti dengan lebih jelas.
- Segala permasalahan dan idea yang dibincangkan hendaklah direkod dan mencapai kata sepakat oleh semua pihak serta komuniti.

Langkah 4: Perkongsian

- Pelan laluan selamat yang dibina dicadangkan dan dikongsi dengan pihak berkuasa tempatan, ketua komuniti dan pihak berkepentingan lain sebagai rujukan dan tindakan sewajarnya.

3

PETA LALUAN SELAMAT KOMUNITI SEMASA BANJIR

DILAKSANAKAN OLEH:

PROJEK PERMITIS DENGAN:

Komuniti 'Town Watching'

Kaedah mengenalpasti halangan, kawasan berisiko dan laluan yang selamat untuk dilalui semasa banjir. Ia juga dikenali sebagai Pemetaan Laluan Selamat Komuniti (Community-based Hazard Map).

1

Talian Kecemasan

Pusat Kawalan Bencana Negara (NCCB)
Pusat Memori dan Penyelidikan Kebah Malaysia (SMAMT)
03 8064 2400 post@bencana.mkn.gov.my

Jabatan Perancangan Malaysia
03 8911 3440 www.perancangan.gov.my

Jabatan Kemajuan Masyarakat (JEMAS)
03 8891 2000 www.jemas.gov.my

Bulan Relawan Rakyat Malaysia (RELA)
03 8800 1960 1970 www.rela.gov.my

Jabatan Bomba dan Penyelamat Malaysia
03 8892 2400 www.bomba.gov.my

Angkatan Tentera Malaysia
03 2622 1333 / 03 2071 5786 www.mha.gov.my

Jabatan Pertahanan Awam Malaysia
03 2687 1300 www.civildefence.gov.my

Jabatan Kerja Raya (JKR)
03 2691 9011 www.jkr.gov.my

Jabatan Kebajikan Masyarakat
03 8000 8000 www.jkm.gov.my

Kementerian Kesihatan Malaysia
03 8000 8000 www.moh.gov.my

Bulan Sabit Merah Malaysia
03 2141 8222 www.mslsociety.org.my

Polis Diraja Malaysia (PDRM)
03 2266 2222 www.mpi.gov.my

Ageni Pengurusan Bencana Negara (MAMBA)
03 8870 4800 www.mamba.gov.my

Kegunaan Peta Laluan Selamat

Sebagai panduan kepada komuniti setempat sebelum, semasa dan selepas banjir dalam mengenalpasti halangan dan risiko yang terdapat di kawasan setempat serta mengenalpasti laluan yang selamat untuk ke pusat pengumpulan/pemindahan* banjir yang terdekat.

*rujuk kepada pejabat daerah / MKN

2

Informative Community's Flood Hazard Route Map (Page 1)



Informative Community's Flood Hazard Route Map (page 2)

ANNEX 7: HANDOVER OF COMMUNITY'S FLOOD HAZARD ROUTE MAP CEREMONY.



Figure 1: The handover of map by the RIVER Ranger Community of Kg. Sg. Pinang Bandar to Mr. Yew Boon Lye, the Councilor of Klang Municipal Council, witnessed by Yg. Bhg. Dato' Seri Ir. Zainor Rahim bin Ibrahim, Chairman of MyWP



Figure 2: Group photo of SMART Ranger TOT participants with by Mr. Yew Boon Lye and Dato' Seri Ir. Zainor Rahim bin Ibrahim.



Figure 3: Mr. Yew Boon Lye receiving a token of appreciation from Dr.K. Kalithasan from Global Environment Centre.



Figure 4: Representative of RIVER Ranger Kg. Sg. Pinang Bandar being interviewed by the media

