INTRODUCTION

Flooding is a common natural disaster in Malaysia. This phenomenon impacts us and our country.

In Malaysia, it is estimated that 33.298km² or 10.1% of the country's land is a flood-prone area. Flood prone areas are located near the rivers, and will submerged twice the river's maximum depth during flooding.

Visit these websites to learn the current flood levels in your area:

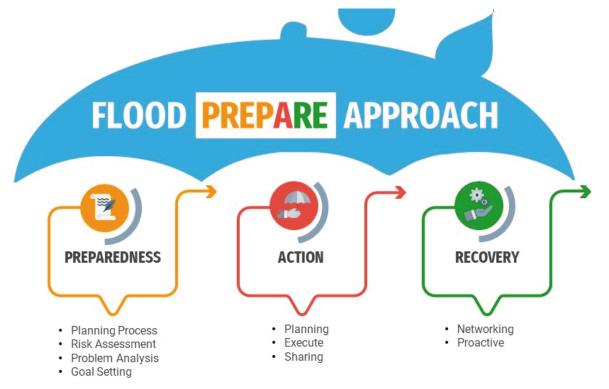
http://publicinfobanjir.water.gov.my

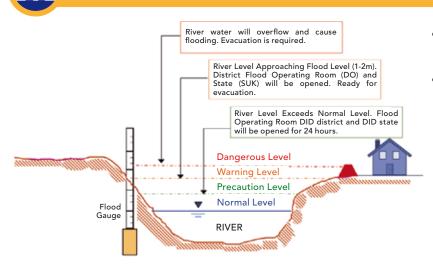
http://globalfloodmap.org/Malaysia

Everyone, especially the local community, plays an important role in flood management. Early preparations need to be carefully planned to reduce losses and damages from flooding. Therefore, community awareness is the utmost important.

Community Roles Through Flood PREPARE Approach

The flood **PREPARE** approach was customised to suite the bottom-up and civic science approach specifically on community-based flood resilience through the following steps: (1) Preparedness; (2) Action; and (3) **Recovery.** Under the step number 2 of **Action**, a Town Watching activity will be executed through the development of Community-based Flood Hazard Map and Community-based Flood Response Plan.





BEFORE A FLOOD

- Conduct frequent drainage maintenance to prevent clogging.
- Get the latest info on weather and flood situation from the media.
- Prepare a list of emergency contact numbers such as of family members, friends, ambulance, policemen, hospitals, Disaster Relief Centres or Evacuation Centres.
- Prepare emergency kit/bags containing important necessities and place where they are easily accessible. (Checklist included in this brochure)
- Ensure vehicle(s) and its reparation tools are in good conditions to prepare for evacuations.
- Prepare or place your pet(s) at a safe place as animals are usually not allowed at the relief centre for hygiene and health reasons.
- Identify and ensure your whole family are aware of the evacuation routes and nearby flood evacuation centres.

- Educate yourselves on the history and effects of flooding in your area.
- Learn and understand the official terms of flood warnings:
- a) Normal level
- b) Precaution level
- c) WARNING LEVEL: prepare for evacuation
- d) DANGEROUS LEVEL: evacuation is required

Source: www.publicinfobanjir.water.gov.my

IMPORTANT TIPS

- Prepare your Town Watching Map (TWM).
- Conduct emergency training with your family to prevent panic situation.
- Ensure each family members know the local radio stations' frequency to get updates.
- Ensure your children know how to call flood-related agencies.

DURING A FLOOD

AT THE HOUSE

- Listen to the announcement via radio, television or responsible parties.
- Ready with the emergency kit.
- Immediately evacuate and move out of your house upon directed by the local authorities.

DURING EVACUATION

evacuation centre.

- Immediately move to the instructed flood
- Evacuation processes are easier and safer before flood level increases or during the day.
- Follow instructions and the determined routes as shortcuts may be blocked.

OUTSIDE THE HOUSE

- Identify the routes towards higher and safer place
- Do not touch any cable or wire cuts during floodina.
- Stay alert of your children, do not let them play in the drains, rivers or mines.
- Do not use flood water for drinking.



INSIDE VEHICLE

• Turn to a safer place and do not go through flooding areas.

• Lock and leave behind your vehicle. Find a suitable place or shelter for protection



IMPORTANT TIPS

the evacuation.

instructions.

• Always alert on your surroundings during

• Move in accordance to the authority's

• Make sure all your family members are

being evacuated with you.





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- +60 3 7957 7003
- outreach@gec.org.my





Selangor Darul Ehsan, Malaysia

ironment Centre



Reprinted from the **Community Flood-Proofing and Adaptation Project for Climate** Resilience in collaboration with



GENERAL

- Wait for the local authorities' instructions to go home.
- Stay away from flooding areas as it may not be
- Stay away from damaged electric poles and buildings surrounded or submerged by the flood water

WHEN ENTERING THE HOUSE

- Wear shoes and check damages on the walls, floor, doors and windows.
- Watch out for any damaged ceilings and wall plasters.
- Beware of dangerous or venomous animals and insects

IDENTIFY DANGEROUS THREATS

- Check any broken or leaked gas pipes.
- Check wires and the electrical appliances.
- Check combustible materials.
- Check any damage on septic tank to avoid health threats



IMPORTANT TIPS

- Beware of dangerous animals.
- Stay away from electrical cables and drainage areas.
- Clean and disinfect all items and personal belongings.

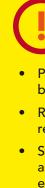


CHECKLIST: EMERGENCY BAG/KIT

'Grab bag' and '72H kit' are important emergency kits for an early preparation of disasters such as flooding. They are useful while waiting for help at the evacuation centre. Example of items needed in both 'Grab bag' and '72H kit' are as follows:

CONTENTS	UNIT	STATUS
GRAB BAG		
DOCUMENT KIT		
Birth certificate		
Identification card		
Passport		
House grant		
Land grant		
Car grant		
Health records		
Bank documents		
EMERGENCY KIT & MEDICINE SUPPLY		
Panadol		
Plasters		
Chi Kit Teck Aun pills		
Dressing pack		
Personal medicine		
Triangular sling cloth		
*Other medications as needed		
PERSONAL HYGIENE KIT		
Soap/Body wash		
Toothpaste		
Toothbrush		
Shampoo		
Hand wash (Dettol)		
PERSONAL KIT		
Jewelries		
Money		
Sanitary pads		
*Other personal stuff as needed		
OTHERS		
Canned food stocks		
Drinking water stocks		
Torchlight		
Blanket		
Dressing clothes		
Rain coat		1
Whistler		
Candles and matches		
Durable and water proof shoes		
Rubber gloves		
List of emergency numbers		

CONTEN 72H KIT Portable w Ready-to-c Ready-to-c Ready-to-c Biscuits Sugar Instant tea Baby milk Vitamin B Canned fru Granola Ba Dried fruit 100Plus Utility knif Fork and s Small pot Portable c Rope Torchlight



INTS	UNIT	STATUS
water container	1	
-cook rice	3	
-cook Chicken Rendang -cook Masak Merah Chicken with Carrots	Either one	
-cook Chicken Curry and Potatoes	one	
	3	
ea / coffee < 8 complex	3 sets or more	
ruits	1	
Bars	3	
its / raisins	5	
	1	
ife	1	
spoon	1 set	
t	1	
cup	1	
	1	
nt and battery	1	

IMPORTANT TIPS

• Place important documents in waterproof bags.

• Regularly check the food guality and replace the nearly expired ones.

• Store the 'Grab Bag' and '72H kit' at a safe and easily accessible place. Make sure each family members knows.





WHAT SHOULD I DO KNOW?

- Prepare the Grab Bag and 72H kit
- Identify the best way to prevent flood water from entering the house
- Identify the best place to store sand bags
- Develop Town Watching Map which comprises Community Based Flood Hazard Map (CBFHM) and Community Based Flood Response Plan (CBFRP)
- Be alert on the flood warning codes
- Identify the people who can help / I can help
- Identify the items to bring if instructed to leave the house

Ensure your family members are safe	
Inform / call neighbours, police, family members, and close frien	ds
Switch off electrical appliances and turn off gas and water	
Place electrical appliances, drawers and furniture on a table	
Block the toilet to prevent overflowing sewage (if possible)	
Set aside drinking water	
Relocate your pet to a safe place	
Put sandbags around the doors, windows and any opening space	es
Relocate any chemical substances	
Check personal needs	
Check 'Grab Bag' and '72H kit' and add any needed necessities	
Move vehicles to a less flood-risk area	
Relocate heavy and loose objects to a safer place	
Move important documents, files and computers to a safer place	2
Alert staffs and ask for their help	
Farmers should relocate animals to safer places	
OTHERS*	
Ensure hand phone is functioning and has sufficient battery (prepare a powerbank if necessary)	
· · · · · · · · · · · · · · · · · · ·	

*Add action(s) according to your requirements

EMERGENCY PHONE NUMBERS

	-	-				
	Police	Firefighter	Hospital	PBSM	JPAM	JKM
Kelantan	+609-7455622	+609-744444	+609-744444 + 609-7452000 + 609-7435504 + 609-7658130 + 609-7482117	+609-7435504	+609-7658130	+609-7482117
Terengganu	+609-6354722	+609-6224444	+609-6224444 +609-8513333 +609-6314461 +609-6672991 +609-6222444	+609-6314461	+609-6672991	+609-6222444
Johor	+607-2212999	+607-2243444	+607-2231666	+607-2231666 +607-2371544 +607-2349705 +607-2232606	+607-2349705	+607-2232606
Perak	+605-2451222	+605-5474444		+605-2533333 +605-5466159 +605-2416562 +605-5225506	+605-2416562	+605-5225506
Pahang	+609-5902222	+609-5705999	+609-2955333	+609-2955333 +609-5165243 +609-5161991 +609-4771349	+609-5161991	+609-4771349
Kedah	+604-7741222	+604-734444	$+604-734444 \qquad +604-7406233 \qquad +604-7209980 \qquad +604-732801 \qquad +604-7334684 \qquad \\$	+604-7209980	+604-7323801	+604-7334684
Selangor	+603-5514522	+603-7846444	$+603-7846444 \ +603-61454333 \ +603-33246920 \ +603-89453001 \ +603-55192876$	+603 - 33246920	+603-89453001	+603-55192876
Melaka	+606-2854222	+606-2513100	+606-2513100 +606-2822344 +606-2817376 +606-2324035 +606-2319171	+606-2817376	+606-2324035	+606-2319171
Sabah	+608-8450222	+608-8422873	+608-8245249	+608 - 8245249 + 6088 - 242648 + 6088 - 232532 + 608 - 8255133	+6088-232532	+608-8255133
Sarawak	+608-2245522	+608-8365994	+608-8365994 +608-2611123 +6082-240610 +6082-252940 +608-2413055	+6082-240610	+6082-252940	+608-2413055
K. Lumpur	+603-2146052	+603-2148444	$+603-2148444 \ +603-26155555 \ +603-21649209 \ +603-26949625 \ +603-83231000 \ +603-832000 \ +603-83200 \ +603-83200 \ +603-83200 \ +603-83200 \ +603-83200 \ +603-832000 \ +603-83200 \ +603-83200 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000 \ +603-832000\ +603-832000 \ +603-832000 \ +603-832$	+603-21649209	+603-26949625	+603-83231000
Negeri Sembilan	+606-7682222	+606-6011900	+606-6011900 +606-6626333 +606-7639097 +606-7672379 +606-7659555	+606-7639097	+606-7672379	+606-7659555
Pulau pinang	+604-2221522	+604-5047222		+604-2225333 +604-8275678 +604-3237409 +604-2505259	+604-3237409	+604-2505259
Perlis	+604-9082222	+604-9778827 +604-9738000 +604-9779477 +604-9762510 +604-9702156	+604-9738000	+604-9779477	+604-9762510	+604-9702156

Community **Flood-Proofing** and Adaptation for **Climate Resilience**





