



2019

Disaster Management Manual

for Tourists



Introduction

This manual is intended to provide information and guidance to tourists in case of emergency situations while visiting Kagawa Prefecture.

Japan is one of the most seismically active and typhoon-prone countries in the world. Especially earthquakes occur at anytime and anywhere. Tohoku area was hit by a massive earthquake and tsunami back in March 2011, causing devastating damage. A large earthquake may happen even in Kagawa Prefecture. In addition, the area is affected by typhoon and heavy rain.

To protect yourself and your family/friends, please read this book carefully to prepare yourself for emergencies.

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Things to refer to when a disaster strikes

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Please carry this manual with you in case of an emergency while traveling.

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|--------------------------------------|--|
| 7. Useful Disaster Preparedness Tips | |
|--------------------------------------|--|

(You can cut out pages from this handbook and fold along the lines to always carry around as a pocketbook.)

Safety tips



Safety Tips is a free app to stay informed with disaster information in case of emergency.

The app sends you disaster information occurred in the vicinity while you are in Japan. You can download the app on your smartphone.



Android



iPhone

Weather forecast

Evacuation advisories and warnings

- There is a link to evacuation shelter information (bottom of the app) at the bottom of the page.

Emergency contact information

- One-click dial



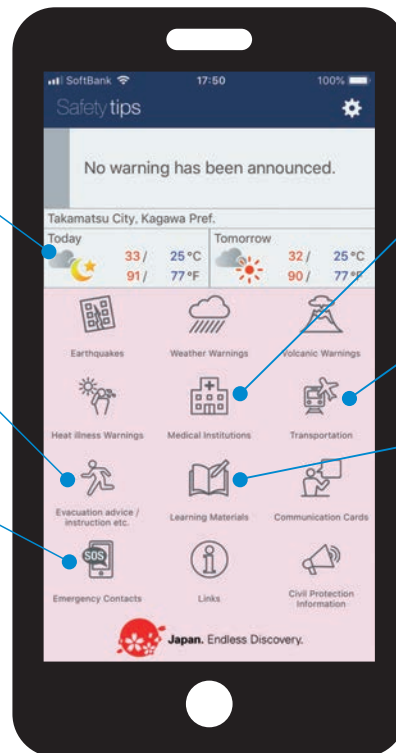
Medical Institution Information

Transit Information

Prior Learning

- First-aid information

- Descriptions of warnings



Outline of the App

Basic Features

- The push-enabled information alert app (data and content is delivered to users automatically) notifies users of disaster information provided by the Japan Meteorological Agency.

Supported Languages

- English, Chinese (Simplified/Traditional), Korean, and Japanese

Information Offered

Earthquakes

- Up to ten previous earthquake information (epicenter map, depth of hypocenter, magnitude, etc.) can be checked here.

Weather Warnings

- Special weather warnings and weather warnings of a set location are displayed here. Correspondent action list at the time of issuing the warning is also available.

Volcanic Warnings

- It offers information related to volcanic warnings currently in place.

Heat illness Warnings

- The risk level of heat illness of a set location is displayed here.

Medical Institutions

- Japan National Tourism Organization offers information related to medical institutions accepting international tourists.

Transit

- Here, you can check the latest service status and transfer information.

Evacuation advice/ instruction etc.

- Evacuation advisory and warnings issued by local governments are displayed. (Japanese only)

Learning Materials

- Descriptions of warnings and first aid procedures are offered here.

Communication Cards

- A variety of useful questions in case of disaster is displayed in multiple languages (English, Chinese, Korean, and Japanese) to facilitate communication.

Emergency Contacts

- Precautions on calling the emergency numbers 110 and 119, as well as address and telephone number of the embassy of a country set beforehand are displayed here.

- Clicking on the telephone number will take you to a dial pad to make a call.

Links

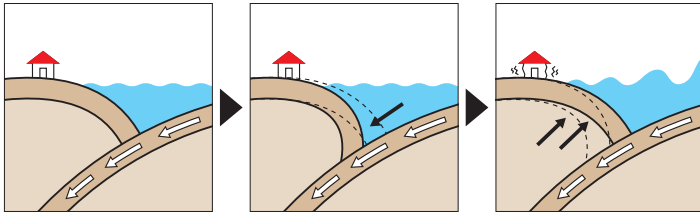
- The links to websites where you can collect important information (contact information of embassies, etc.) in a time of disaster are offered here.

Types of Disasters -Earthquake-

Japan is a seismically active country. Earthquakes occur at anytime and anywhere.

A large earthquake may happen even in Kagawa Prefecture. Please read this book carefully to prepare yourself.

Large earthquakes that may hit Kagawa



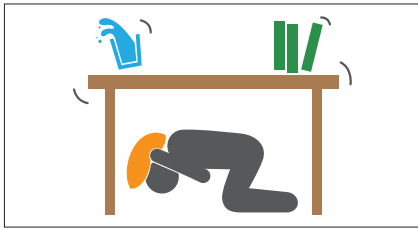
There are several tectonic plates (i.e.very thick, large rock plates) on the earth's crust. Earthquakes and tsunami occur when these plates move.

Kagawa is situated in the northeast of Shikoku above the Eurasia Plate. The Philippine Sea plate is slipping under the Eurasian plate in the Pacific Ocean located south of Shikoku. There is a large trench (i.e.trough) in between these two plates known as the Nankai Trough. The earthquakes occurred here are called Nankai Trough earthquakes.

In addition, if the area is hit by an epicentral earthquake, there is great potential for more devastating damage.

What to do at first

If you are in a hotel/ryokan inn:



Cover your head with a pillow, cushion, etc. Take cover under a desk or table.



Open the door. You cannot evacuate if the door is damaged.

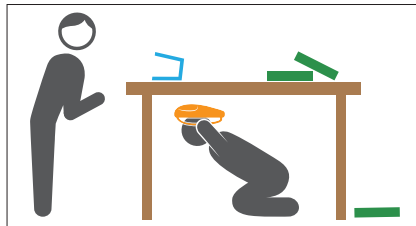


Do not go outside immediately. Look around you carefully and evacuate to a safer place such as evacuation shelter.

If you are outside:



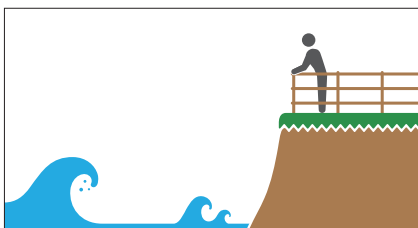
Cover your head with a bag to protect yourself from falling objects.



Take cover under a desk or table. Cover your head with a bag. Follow the instructions of shop personnel to evacuate.



Roads near mountain and river might be affected. Evaluate immediately and stay away.



Tsunamis or storm surges are coming. Evacuate to higher ground, away from the shore.

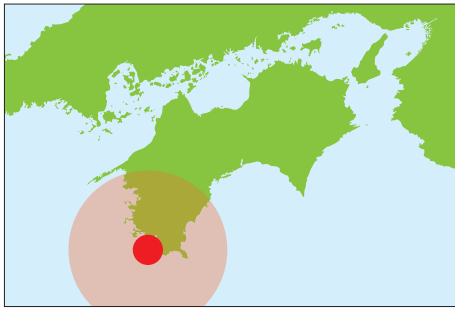


If you are inside the elevator, press all the floor buttons. Once the doors open, exit immediately.



If you are in a car, train, or bus, follow staff instructions to evacuate.

Types of Disasters -Typhoons and Heavy Rain-



Japan is hit by dozens of typhoons every year from July to October. In Kagawa, most typhoons come from the south-western side of the prefecture. Typhoons bring strong winds and heavy rain, which can cause landslides, flooding, inundation, and storm surges. You must be very careful during a typhoon.

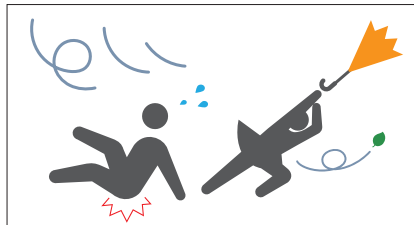
In recent years, there is an increasing number of localized torrential rains that drop enormous amounts of water in a short period of time. In July 2018, torrential rains caused significant damage to a nearby prefecture.

What to do at first

What you should do promptly in case of a typhoon or heavy rain



It is dangerous to go near mountains and the sea. Please stay away.



If you are outside, there is a risk of injury from falling or getting hit by an object blown off by a powerful wind. Please stay inside.



Be sure to check the TV or the Internet for the latest information. Think carefully if it is safer to evacuate or stay at a hotel and decide what to do.

How to evacuate



Put on sneakers because it is dangerous to walk in boots or barefoot. Wear gloves if any.



Do not evacuate alone. Stick together in groups as much as possible when you evacuate.



Watch carefully not to fall into a hole when you walk on a street. Always protect your head from flying objects.

Emergency exit signs



Emergency exit signs mostly with a green background

An emergency exit is marked with this sign with a green background.

In the event of an earthquake or a fire, evacuate through a door marked with this sign.



Emergency exit signs mostly with a white background

This emergency exit sign mainly with a white background indicates the direction of an emergency exit such as hallways and access aisles.

What to expect after an earthquake:



▲ Tsunami

When an earthquake occurs under the sea, it can cause tsunamis. People near the shore or river must pay careful attention.



▲ Fire

Fire can break out after an earthquake. In areas where there are many buildings, fires may spread throughout the city.



▲ Building collapses

Houses or buildings may collapse to cause injuries.



▲ Landslides

Careful attention is required if you are near steep mountains or cliffs.



▲ Falling objects

Objects such as furniture, computers, and light fixtures can collapse or fall. Stepping on broken glass can also cause injury. If you are outside, pay attention to vending machines, walls, signs, etc.

- Gas, water, and electricity services may be suspended.
- Mobile phones and the Internet may become inaccessible.
- Roads may be closed due to damages.
- Trains, airplanes, and buses may be out of service.

Seismic intensity scale

Magnitudes measures the size of an earthquake. The seismic intensity scale indicates how much the earth shakes. The scale runs from intensity one to seven.

Seismic intensity 7	Impossible to stand. Most large objects collapse or become displaced. The ground is distorted by large cracks, and landslides take place.
Seismic intensity 6 upper	Impossible to stand. The walls and tiles of a house sustain damages. Outside fences or walls may collapse.
Seismic intensity 6 Lower	Difficult to keep standing. Doors may become wedged shut. Furniture moves or falls. Many houses collapse.

Seismic intensity 5 Upper	Difficult to walk. Most objects collapse or fall. It is difficult to drive a car.
Seismic intensity 5 Lower	Everyone is frightened and wants to hold onto an object. Windows break or fall.
Seismic intensity 4	Most people are startled. People can notice shakes while walking and asleep. Lights ring significantly. Dishes and glasses rattle.
Seismic intensity 3	Perceptible to everyone indoors. Some people can notice shakes whether walking or sleeping.

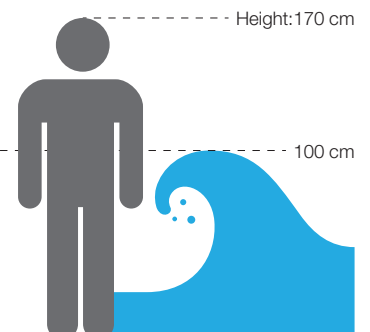
Tsunamis

Sea level during a tsunami

100cm	Impossible to stand. Many people die.
70cm	The force of the water is too powerful. Even healthy adults are swept away.
50cm	Difficult to stand without holding on to something.
30cm	Difficult even for healthy adults to stand.

Percentage of deaths

100%
71.1%
4.8%
0.01%

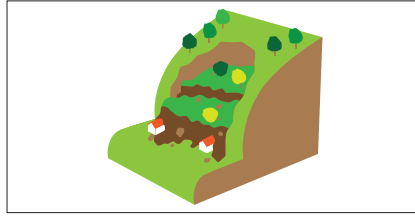


What to expect after typhoon and heavy rain:



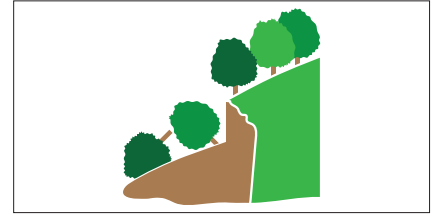
▲ Mudflows

Rainwater washes soil and rocks from mountains down a slope.



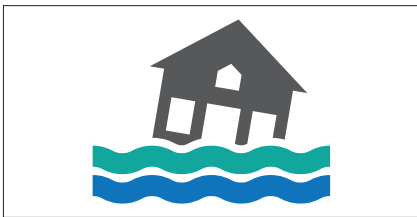
▲ Landslides

Rainwater causes the already-unstable ground to loosen to flow downwards.



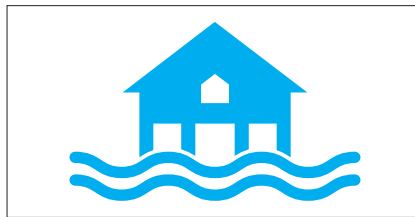
▲ Landslips

A mountain collapses, causing soil and rocks to fall suddenly.



▲ Flooding

Heavy rains cause the water level of rivers and reservoirs to rise and back up into roads.



▲ Inundation

Water flows into houses and buildings.



▲ Storm surge

A typhoon causes the sea level to rise.

Advisories and Warnings

▲ Heavy rain warning (Advisory)

Watch out for landslides and inundation caused by heavy rainfall.

▲ Flood warning (Advisory)

Flooding causes rising rivers and reservoirs. Stay away from rivers and reservoirs.

▲ Storm warning/ Strong wind advisory

Winds are very strong. Watch out for flying objects. Stay indoors.

▲ High waves warning (Advisory)

Waves are high. Avoid the sea.

▲ Storm surge warning (Advisory)

The sea level is high. Evacuate to higher ground, away from the shore.

Information	What to do/ Evacuation information	Alert level
Special heavy rain warning Flood Occurrence Information	Disaster is already in progress. Take actions to protect your own life.	The equivalent of alert level 5
Sediment disaster warning information Special storm surge warning Storm surge warning Flood Danger Information	Evacuate to a safe place.	The equivalent of alert level 4
Heavy rain warning Flood warning Storm surge advisory (The advisory may change into a warning.) Flood Warning Information	Be prepared to evacuate to a safe place. The elderly should begin evacuating.	The equivalent of alert level 3
Heavy rain advisory Flood advisory Storm surge advisory Flood Watch Information (The equivalent of alert level 2)	People might have to begin evacuating. Check for an evacuation center or a place to take refuge.	Alert level 2
Early warning information	Keep an eye on the latest information and watch out for disaster.	Alert level 1

Disaster Preparedness Map

+ Disaster Base Hospitals

Facility Name	Address	Telephone Number
+ 1 Shodoshima Central Hospital	2060-1 Ikeda, Shodoshima-cho, Shozu-gun	0879-75-1121
+ 2 Sanuki Municipal Hospital	387-1 Ko, Ishidahigashi, Sangawamachi, Sanuki-shi	0879-43-2521
+ 3 Kagawa University Hospital	1750-1 Ikenobe, Miki-cho, Kita-gun	087-898-5111
+ 4 Kagawa Prefectural Central Hospital	1-2-1 Asahimachi, Takamatsu-shi	087-811-3333
+ 5 Takamatsu Red Cross Hospital	4-1-3 Bancho, Takamatsu-shi	087-831-7101
+ 6 Takamatsu Municipal Hospital	847-1, Ko, Busshozan-cho, Takamatsu-shi	087-813-7171
+ 7 Kaisei Hospital	3-5-28 Muromachi, Sakaide-shi	0877-46-1011
+ 8 Kagawa Rosai Hospital	3-3-1 Joto-cho, Marugame-shi	0877-23-3111
+ 9 Shikoku Medical Center for Children and Adults	2-1-1 Senyu-cho, Zentsuji-shi	0877-62-1000
+ 10 Mitoyo General Hospital	708 Himehama, Toyohama-cho, Kanonji-shi	0875-52-3366





Evacuation shelters

(Official websites of cities and towns)

*Some cities and towns offer websites only in Japanese.

Takamatsu-shi

URL: www.city.takamatsu.kagawa.jp



Marugame-shi

URL: www.city.marugame.lg.jp



Sakaide-shi

URL: www.city.sakaide.lg.jp



Zentsuji-shi

URL: www.city.zentsuji.kagawa.jp



Kanonji-shi

URL: www.city.kanonji.kagawa.jp



Sanuki-shi

URL: www.city.sanuki.kagawa.jp



Higashi Kagawa-shi

URL: www.higashikagawa.jp



Mitoyo-shi

URL: www.city.mitoyo.lg.jp



Tonosho-cho

URL: www.town.tonosho.kagawa.jp



Shodoshima-cho

URL: www.town.shodoshima.lg.jp



Miki-cho

URL: www.town.miki.lg.jp



Naoshima-cho

URL: www.town.naoshima.lg.jp



Utazu-cho

URL: www.town.utazu.lg.jp



Ayagawa-cho

URL: www.town.ayagawa.lg.jp



Kotohira-cho

URL: www.town.kotohira.kagawa.jp



Tadotsu-cho

URL: www.town.tadotsu.kagawa.jp















Manno-cho

URL: www.town.manno.lg.jp



Information Provision

Kagawa Disaster Preparedness Web Portal	Disaster preparedness information for Kagawa can be obtained here. [Japanese]	
River & Sediment Control Division, Public Works Department, Kagawa Prefectural Government	Information related to landslides can be obtained here. [Japanese]	
Takamatsu Local Meteorological Observatory	Weather information can be obtained here. [Japanese]	
Shikoku Regional Development Bureau	Disaster information of Shikoku can be obtained here. [Japanese]	
Japan Meteorological Agency	[multiple languages]	
Disaster management information page by the Cabinet Office	Besides the conditions of a disaster and damages caused, it offers information on disaster management and anti-disaster measures of the Cabinet Office. [English]	
Fire and Disaster Management Agency	[English]	
Disaster preparedness and crisis-management e-College	[Japanese]	
Council of Local Authorities for International Relations	Multilingual information about living in Japan (available in 13 languages.)	
	Disaster management support information for non-Japanese residents (available in various languages.)	
Takamatsu Airport	Fight status and other information are offered.	
Shikoku Railway Company	Train service information can be obtained.	

Other useful information

▲ If you are looking for a hospital staffed with a doctor who speaks foreign languages in Kagawa.
⇒ Medical care information system for a large-scale disaster, emergency services, perinatal care “Iryo Net Sanuki.”



▲ If you wish to receive texts on your mobile phone issued by your local authority.
⇒ Evacuation information mailing list [Japanese]



▲ If you are in trouble, please contact the following organizations:
⇒ The International Affairs Division, General Affairs Department, Kagawa Prefectural Government TEL: 087-832-3029
⇒ Kagawa International Exchange Center (I-Pal Kagawa) TEL: 087-837-5908

International
Affairs Division



I-Pal Kagawa



Lodging Facilities for International Tourists

Languages supported: E: English, C: Chinese, K: Korean, O: Other language. *: Translation application or machine is used.

Facility Name	Address	Telephone Number
		Supported Languages
Takamatsu-shi Area		
Hotel Fukuya	5-8 Furuji-machi, Takamatsu-shi	087-851-2365
		E
Hotel Kawaroku Herstage Takamatsu	1-2 Hyakken-machi, Takamatsu-shi	087-821-5666
		C
Takamatsu City Hotel	8-13 Kamei-cho, Takamatsu-shi	087-834-3345
		E
Kiyomisanso Hanajukai	3-5-10 Saiho-cho, Takamatsu-shi	087-861-5580
		E, K, *
Sasaya Ryokan	168-2 Yashimanakamachi, Takamatsu-shi	087-841-9533
		E
Rihga Hotel Zest Takamatsu	9-1 Furuji-machi, Takamatsu-shi	087-822-3555
		E, C
JR Hotel Clement Takamatsu	1-1 Hamano-cho, Takamatsu-shi	087-811-1111
		E, C
Daiwa Roynet Hotel Takamatsu	8-23 Marugame-machi, Takamatsu-shi	087-811-7855
		E
JR Clement Inn Takamatsu	1-3 Hamano-cho, Takamatsu-shi	087-811-1200
		E, C, K
Takamatsu Station Hotel	1-1-1 Kotobuki-cho, Takamatsu-shi	087-822-0818
		E
WeBase Takamatsu	1-2-3 Kawaramachi, Takamatsu-shi	087-813-4411
		E, C, K, O
Takamatsu Tokyu REI Hotel	9-9 Hyogomachi, Takamatsu-shi	087-821-0109
		E
Takamatsu International Hotel	2191-1 Kita-cho, Takamatsu-shi	087-831-1511
		E
Aji Kanko Hotel Umi no Yadori	5494 Aji-cho, Takamatsu-shi	087-871-3141
		E
Hotel Second Stage	1118-8 Otsu, Kaminishi, Shionoe-cho, Takamatsu-shi	087-893-1100
		E, C
Sanuki-shi, Higashi Kagawa-shi, Miki-cho Area		
Tresta Shirayama	972-30 Oaza, Shimotakaoka, Miki-cho, Kita-gun	087-898-8881
		C
Marugame-shi, Sakaide-shi, Utazu-cho Area		
Okura Hotel Marugame	3-3-50 Fujimi-cho, Marugame-shi	0877-23-2222
		E, C
Hotel Reomano Mori	40-1 Kurikumanishi, Ayauta-cho, Marugame-shi	0877-86-5588
		E, C, K

Facility Name	Address	Telephone Number
		Supported Languages
Kyukamura Sanuki Goshikidai	3042 Oyabu-cho, Sakaide-shi	0877-47-0231
		E
Kiyama Onsen	5913-3 Fuchu-cho, Sakaide-shi	0877-48-0211
		E
Free Days Inn Sakaide International Hotel	1-3-5 Irifune-cho, Sakaide-shi	0877-45-7100
		E
Utazu Grand Hotel	3-22-1 Hama, Utazu-cho, Ayauta-gun	0877-41-1000
		E, C, K
Hotel Anesis Seto Ohashi	6-81-1 Hama, Utazu-cho, Ayauta-gun	0877-49-2311
		E, C, K (*)
Kotohira-cho and Manno-cho Area		
Konpira Onsen Yumoto Yachiyo/Kashikiryu no Yado Kotone	611 Kotohira-cho, Nakatado-gun	0877-75-3261
		E
Tsuruya Ryokan	620 Kotohira-cho, Nakatado-gun	0877-75-3154
		E
Wataya Ryokan	796 Kotohira-cho, Nakatado-gun	0877-75-4111
		E
Yuyamaso Asan Kotonami	1 Katsuura, Manno-cho, Nakatado-gun	0877-84-2611
		E, C, O
Kanonji-shi, Mitoyo-shi Area		
Kotohikiso Hotel	10-22 Ariake-cho, Kanonji-shi	0875-23-1111
		E
Fujikawa Ryokan	3082-11, Ko, Kanonji-cho, Kanonji-shi	0875-25-3548
		*
Shodoshima Area		
Ohkido Hotel	5165-216, Ko, Tonosho-cho, Shozu-gun	0879-62-5001
		E, *
Shodoshima International Hotel	24-67, Ko, Tonosho-cho, Shozu-gun	0879-62-2111
		E, C
Shodoshima Grand Hotel Suimei	1171-6, Ko, Tonosho-cho, Shozu-gun	0879-62-1177
		E, C
Beachside Hotel Kashimaso	1656-1, Ko, Tonosho-cho, Shozu-gun	0879-62-0492
		E
Vingt-Quatre Yeux	1825-1, Otsu, Nishimura, Shodoshima-cho, Shozu-gun	0879-82-5540
		E
Bay Resort Hotel Shodoshima	16-3, Otsu, Furue, Shodoshima-cho, Shozu-gun	0879-82-5000
		E, C



← You can cut out pages from this handbook to always carry around in your agenda or wallet.

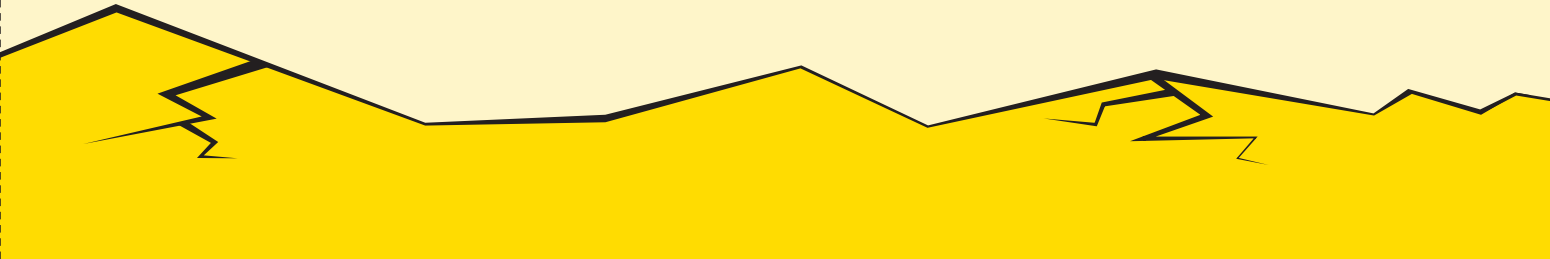


“The 2019 Disaster Preparedness Manual for Tourists”

Published in September 2019

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TEL: 087-832-3363



Useful questions during disaster

- What is happening now?
今、何が起こっていますか?
 - Earthquake → Fire → High waves
 - 地震 → 火事 → 高い波
- Other disasters → その他の災害
- What should I do now?
今、何をすればよいですか?
 - Evacuate to higher ground.
 - 高いところに逃げる
 - Evacuate to an evacuation shelter.
 - 避難所に逃げる

What to bring

Be sure to pack items you need in a bag when you evacuate such as food, drinking water, wallet, mobile phone, mobile battery, passport, etc.



What type of a place is an evacuation shelter (a place to take refuge)?

- It is a place where anyone from non-Japanese people to Japanese people can go and stay for a while.
- Evacuation shelter offers drinking water and food, as well as necessary information.

How to stay at an evacuation shelter (a place to take refuge)

- Write your name down at the reception.
- Share with others.
- Help others if you have energy.

Important contact information

(name and telephone number)



Register contact information on your mobile phone.

.....

.....

Check the telephone number of a place you can go to seek advice nearby and write it down.

.....

.....

- If you are in trouble or have questions, Kagawa International Exchange Center (I-Pal Kagawa)
TEL: 087-837-5908



- Takamatsu Airport



- Shikoku Railway Company (JR Shikoku)



- The International Affairs Division, General Affairs Department, Kagawa Prefectural Government
TEL: 087-832-3029



- Fire and Disaster Management Agency



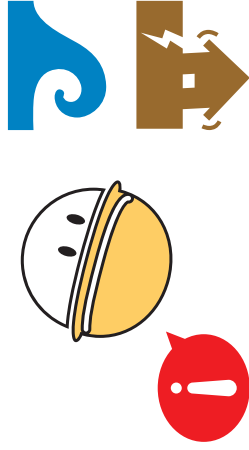
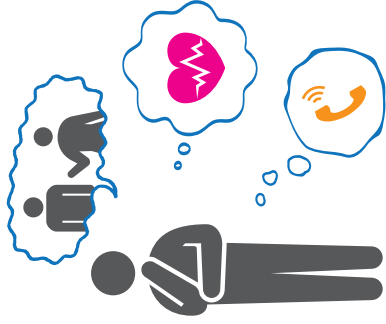
The Internet may be down during disaster. Be sure to collect necessary information beforehand.



Note

(Please use freely.)

If you wish to inform your family or friends of your safety, or to check for the safety of your family or friends,



Please keep this memo with you at all times.

Useful memo during disaster

How to use a disaster telephone message service

(*The instructions of use differ by carriers.)

- **To notify of your safety**

(How to leave a message.)

Dial **171**



Dial **1**

Dial your own telephone number.

Leave a message.

You can call from a house phone, mobile phone, or pay phone. Proceed by following the instructions in Japanese.

- **To check the safety of others**

(How to listen to a message.)

Dial **171**



Dial **2**

Enter a telephone number of family or a friend

Listen to a message.



About myself

Name (romaji) (katakana) (名前)

Address (住んでいるところ)

Telephone number (電話番号)

School or Workplace (学校 / 仕事場)

Date of birth: year-month-date (誕生日)

Blood type (血液型)



Country of residence (住んでいる国)

Spoken language (話せる言葉)

Passport number (パスポート番号)

Allergies, illness and daily medications

(アレルギー・病気、いつも使っている薬)

How to use natural disaster message boards

- It can be accessed via online mobile site or app.
- You can send an email to leave a message.
- The instructions of use differ by carriers. Be sure to know how to use it beforehand.