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Hazard Map

Sediment Disaster Hazard Map



Voluntary Disaster Prevention Group

Individual disaster prevention efforts like fire prevention, swift fire extinguishment, disaster victim rescue, disaster aid, and evacuation have their limitations. That is why community members need to voluntarily organize themselves and act as a group.

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Regular Activities

- Raise awareness about disaster prevention.
- Create an action plan in the event of a disaster
- Locate dangerous sites in the area
- Implement disaster prevention training
- Publish disaster prevention maps

Okinawa City Community Wireless System announcements can be confirmed by phone. (Free of charge)

The Community Wireless System provides government announcements and information during emergencies. If you wish to listen to them again, you can do so with this service for free.

 **0120-0978-99**

※Also available for cell phones and PHS.

Haisai! Bosai Debiru

This is a website organized by the prefecture and offers information related to disaster management in Okinawa Prefecture.



<http://www.bousai.okinawa.jp/eng/index.html>

Evacuation Category

Definition of "Evacuation"

The term "evacuation" was generally defined as evacuating to a public facility. However, because of recent occurrences of water damage and sediment disasters due to heavy rain, evacuation can now also be defined as securing yourself inside your house. The two categories of "evacuation" are shown below.

[Removing Yourself] To evacuate to a designated shelter or other safe place when your location is at risk of danger due to a disaster.

[Securing Your Safety Indoors] To temporarily stay inside a building during sudden heavy rain if evacuating to a different location could be more dangerous. It could also mean to evacuate to the 2nd floor of a building in consideration of flood damage.

Three Types of Alerts Regarding Evacuation

Evacuation Alerts will be announced by the city hall when evacuation is required or the occurrence of disaster is possible. Please evacuate accordingly when such information is announced.

[Evacuation Readiness Alert] This encourages people who need time and support to evacuate to start evacuating earlier. All others should prepare to evacuate.

[Evacuation Advisory] This encourages residents to evacuate when their area is in threat of danger.

[Mandatory Evacuation] This is announced in situations when danger is imminent. Please evacuate immediately.

Useful Disaster Management Information

[How to Get Information]

In the situation of a disaster, it is necessary to get accurate information regarding weather and evacuation alerts and such. Please consider the multiple ways you can get as much information as you can.

1 TV/ Radio

Get emergency updates or disaster information through forms of media such as TV and radio.



2 Websites

Get accurate information through the Japan Meteorological Agency website or disaster management organizations or government websites.



3 SNS

Check Twitter and Facebook for various information during a disaster. However, be careful of false information and do your best to get accurate information.

4 SNS Based Emergency Report (Area) Mail

You can receive disaster updates or evacuation alerts to your cell phone or smart phone through this government delivery system.



5 Community Wireless System

The system allows weather, disaster, and evacuation information to be announced outside throughout the city from the city hall.



6 Announcement Confirmation Device

This system allows you to confirm the the community wireless system announcement on your phone. This is available with any land-line phone, cell phone or PHS for free.

0120-0978-99

7 J-Alert

This is a system used by the Japanese government to provide tsunami, earthquake, and other urgent information through the city's community wireless system.



8 L-Alert

This system allows the city hall to simultaneously relay evacuation information and disaster updates to the prefectural government and other related organizations, and media like TV and radio stations.



About Sediment-Related Disaster Warning Zone

1. Potential Phenomenon

Sediment-related disasters are a natural disaster often triggered by heavy rain or earthquakes, causing hills or slopes to fail and creating a rapid movement of a large mass of mud formed from loose soil and water. They are a threat to your life and assets. Most common types include debris flow and slope failure (steep slope failure)

※Act for Promoting Prevention Measures against Sediment-Related Disasters in Sediment-Related Disaster Warning Zones

2. Sediment-Related Disaster Warning Zone Types

A sediment-related warning zone is an area designated in accordance with the Sediment-Related Disaster Prevention Act* in order to protect the lives of the residents from sediment-related disasters. The following measures are taken in designated zones.

Sediment-Related Disaster Special Warning Zone

A zone whose resident's lives or physical health may be threatened in the event of a debris flow or a steep slope failure. Residents are made aware of potential dangers, and a system of warning and evacuation is established.

Sediment-Related Disaster Special Warning Zone

A zone whose buildings' structural integrity may be seriously compromised, and residents' lives or physical health may be seriously threatened in the event of a debris flow or a steep slope failure. Certain development projects in the zone are restricted, and the structure of buildings in the zone is regulated.

Types and Prognostic Signs of Sediment-Related Disasters

Even if an evacuation advisory or instruction/emergency has not been issued, if you see or feel the need to evacuate, please do so voluntarily.

Slope Failure (Steep Slope Failure)



Prognostic Signs

- Visible cracks on the slope surface
- Springwater is flowing out from the slope surface
- Small rocks are tumbling down the slope
- The sound of the tree root cracking

Debris Flow



Prognostic Signs

- Mountain roars
- A river turns muddy and driftwoods are observed
- The water level of a river drops despite the rain

Landslide



Prognostic Signs

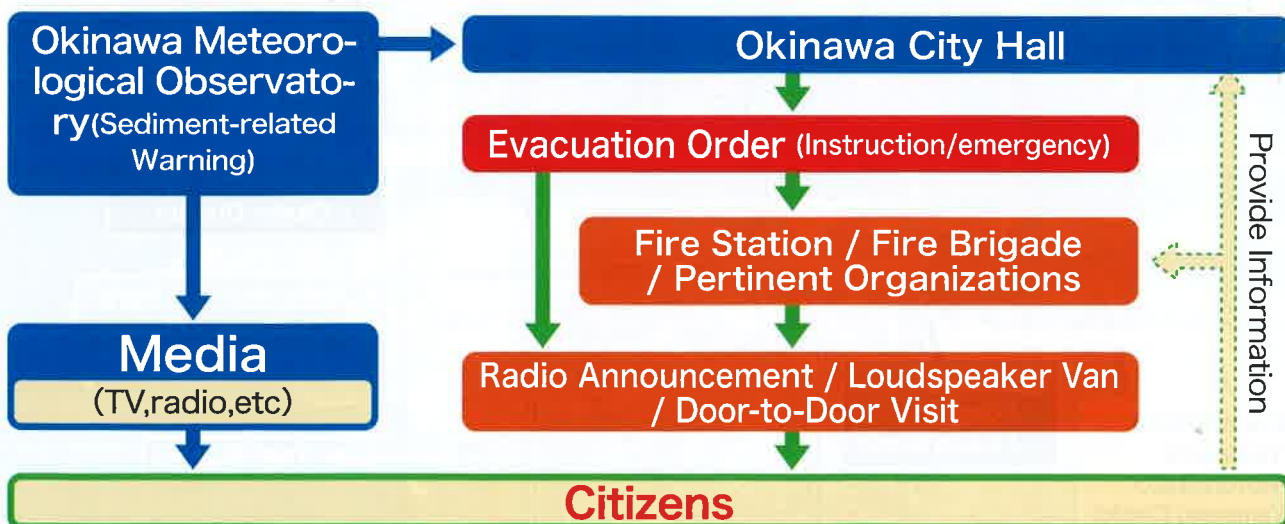
- Cracks in the ground
- Water bursts out from the slope surface
- Cracks on walls and fences
- Tilted trees and utility poles

Sediment-Related Disaster Warning Information

Okinawa Prefecture and the Okinawa Meteorological Observatory will announce municipalities that must be on high alert the danger level of a sediment-related disaster becomes high due to heavy rain. This disaster prevention information is intended to help the municipalities in their disaster prevention efforts, issue an evacuation order when appropriate, and also help the residents evacuate voluntarily. It has been in service in Okinawa from April 2006.

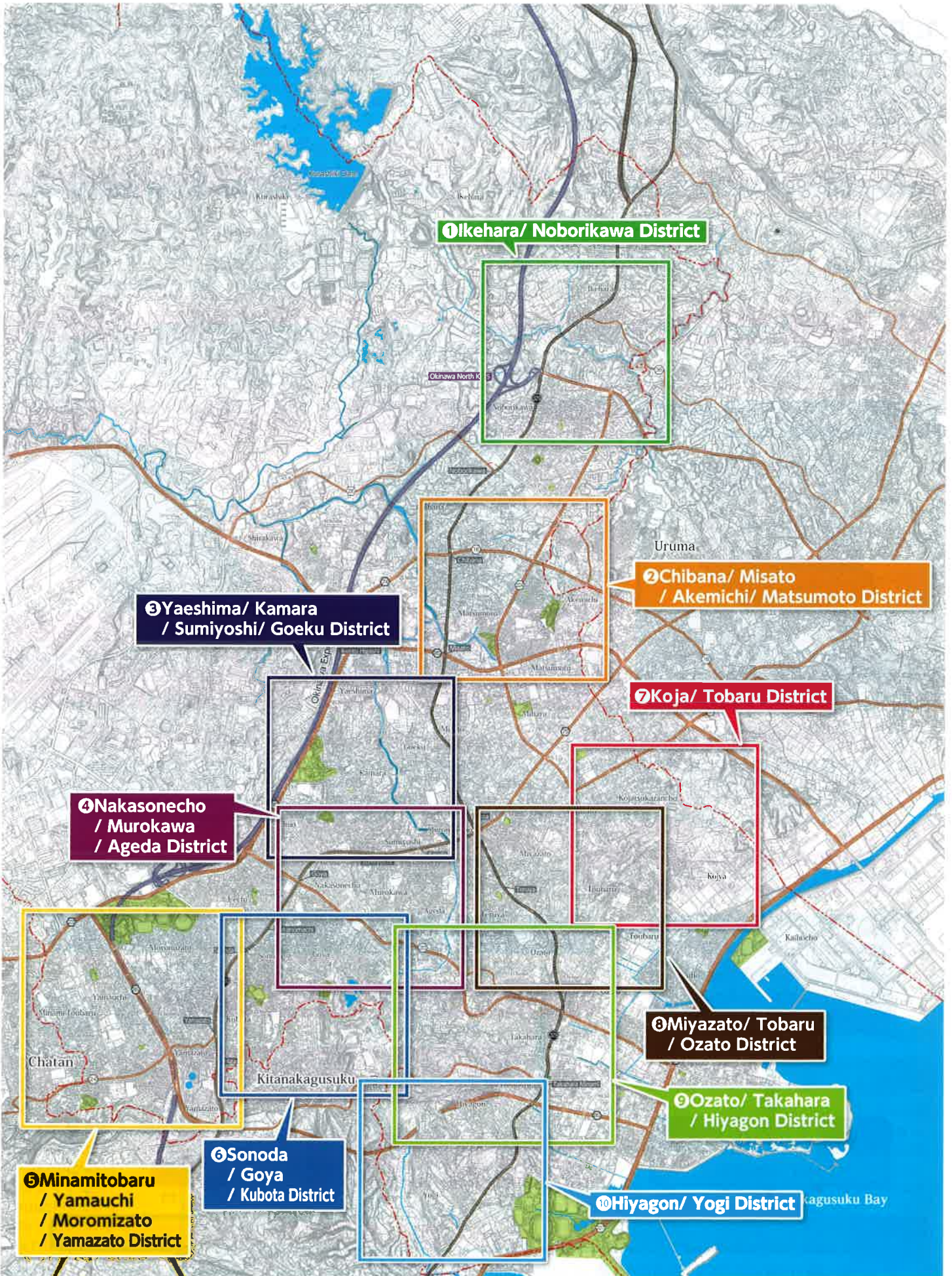
Information Flow

The flow of Information concerning sediment-related disasters and evacuation order is distributed as follows.



Weather information can be obtained from ●Okinawa Meteorological Observatory website <http://www.jma-net.go.jp/okinawa/>

Sediment Disaster Hazard Location Map



This map was replicated from the Okinawa Prefecture Numerical Topographic Map with approval from the Governor of Okinawa Prefecture. (平28企情第1672号)