

DATE: July 7, 2021

TO: All Faculty and Staff Working at Tokyo Tech Suzukakedai Campus

(Sent to all faculty and staff members, including those who occasionally work at Suzukakedai campus)

FROM: Hideya YUASA, Vice President for Campus Safety Management

Naoto OHTAKE, Chair of Suzukakedai Campus Informal Gathering of Deans and Directors

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SUBJECT: Tokyo Tech Suzukakedai Campus Sediment Disaster (Special) Alert Areas

The media has recently reported of the significant damage caused by the debris flow in the city of Atami that occurred on July 3.

This is to notify the Tokyo Tech Suzukakedai campus community of the sediment disaster alert areas and sediment disaster special alert areas indicated on the attached map, as well as the changes on the evacuation standards made by the government on May 20, 2021.

1. Sediment disaster alert and sediment disaster special alert areas in Kanagawa prefecture.

The attached map indicates in red and yellow the areas where landslides may occur. This includes, for instance, R3 Annex B and C buildings, B1-B2 Annex A, B and C, among others.

Please check whether your office, laboratory, etc. are located in areas considered to be at risk, and get informed of the points where landslides may occur.

2. Changes made on the evacuation and alert levels standards.

The degree of danger when disaster occurs and the required action to be taken are categorized by 1 to 5 alert levels, of which level 4 is called the "Evacuation Order Level" (避難指示レベル). Please note that "Evacuation Advisory Level" (避難勧告) has been removed from the new standards to indicate that when the evacuation order is announced, everyone in the risk areas must evacuate.

The recent disaster in the city of Atami occurred when the alert level was set to 3, called "Notice to Evacuate for Elderly and Disabled People Level" (高齢者等避難), but the actual level of risk was higher. This case shows that the alert level should not be interpreted literally for all situations.

Therefore, keep a critical mind to judge your own situation, especially when you are in sediment disaster alert areas and extremely bad weather is expected, like torrential rains and typhoons. Please take the appropriate actions to protect yourself, such as leaving the building promptly to go to a safe place.

Keep in mind that you need to know how to protect yourself, even when there is no specific indication to evacuate by the Institute. Please check the latest information by yourself and when the evacuation order (alert level 4) is announced by the authorities of the city of Yokohama, leave the risk area as soon as possible and go to a safe place. You are also expected to effectively guide students under your supervision to help them evacuate to a safe place.

It is highly recommended to keep yourself up to date with the latest information on disasters by registering with the City of Yokohama Disaster Prevention Information Mailing List (prior registration required) or checking the posts on the City of Yokohama official Twitter account.

Now, the R3 Annex B and C building is declared as one of the 200 highest risk areas for sediment related disasters by the city of Yokohama and special instructions have been given by the authorities. When there is an alert for sediment disaster, a report on the evacuation status for this building is required.

On July 3, there was an evacuation order given by the city of Yokohama. The security guard on duty at that time gave the report to the authorities after checking that there was no one inside the building and locking it.

There is no simple and realistic way to ensure the continued security for all the risk areas. Asking faculty and staff members to do the task of checking the buildings in risk areas, managing the evacuation process even at night time or weekends, etc. would endanger their lives.

Therefore, we ask for your cooperation to learn how to protect your own safety by yourself, such as learning to collect the necessary information and evacuate promptly before the disaster hits your area.

Reference:

Land Slide Risk Map (Japan Meteorological Agency)

https://www.jma.go.jp/bosai/en_risk/#lat:35.462348/lon:139.574432/zoom:10/colordepth:normal/elements:land

Evacuation Information (Cabinet Office, Government of Japan website)

http://www.bousai.go.jp/oukyu/hinanjouhou/r3_hinanjouhou_guideline/evacuation_en.html

City of Yokohama Disaster Prevention Information Mailing List

<https://www.city.yokohama.lg.jp/lang/residents/en/emergencies/saigaihesonaeru.html>

Helpful Apps and Websites in the Event of Disaster (Multilingual)

http://www.bousai.go.jp/kokusai/web/index_en.html

Disaster Mitigation Points for Foreigners

http://www.bousai.go.jp/kyoiku/gensai/pdf/poster_A3_y.pdf

Kanagawa earth and sand disaster information portal (in Japanese)

<https://dosyasaigai.pref.kanagawa.jp/website/kanagawa/gis/index.html>

How to Protect Yourself from Sediment Disasters (Prime Minister's Office of Japan website)
(in Japanese)

<https://www.kantei.go.jp/jp/headline/bousai/doshyasaigai.html>

Three Tips on How to Protect Yourself from Sediment Disasters (Government Public Relations website) (in Japanese)

<https://www.gov-online.go.jp/useful/article/201106/2.html#anc03>

City of Yokohama official Twitter account (in Japanese)

<https://www.city.yokohama.lg.jp/kurashi/bousai-kyukyu-bohan/bousai-saigai/bosai/twtter/twitter.html>

For inquiries on this matter, please contact the following:

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- 特別警戒区域・急傾斜（指定済）
Sediment disaster special alert areas – steep slopes (officially designated)
- 警戒区域・急傾斜（指定済）
Sediment disaster alert areas – steep slopes (officially designated)

Note: 国土地理院の地図のためキャンパス内の地図は古いものであるが、神奈川県が出している最新の情報である。

This image, provided by the Geospatial Information Authority of Japan, shows the old map of Suzukakedai campus. However, it is the latest information published by Kanagawa prefecture

The following information is a translation of an original Japanese text.

From May 20, 2021

Alert Level
4

**Please evacuate when an
“Evacuation Instruction” is issued!**
“Evacuation Recommendations” will no longer
be used

Alert Level	New Evacuation Information		Previous System of Evacuation Information
5	 Disaster occurrence/ Disaster impending	Emergency Safety Measures ※1	Disaster occurrence information (Issued once occurrence is confirmed) <ul style="list-style-type: none"> Evacuation Instruction (emergency) Evacuation Recommendation Advisory to prepare for evacuation and start evacuating elderly and other persons requiring special care Heavy Rain, Flood, or Storm Surge Advisories (Japan Meteorological Agency) Probability of Warnings (Japan Meteorological Agency)
~~~~~<Be sure to evacuate by Alert Level 4!>~~~~~			
4	 High risk of disaster	<b>Evacuation Instruction</b> ※2	
3	 Risk of disaster	<b>Evacuation of the Elderly, Etc.</b> ※3	
2	 Weather worsening	Heavy Rain, Flood, or Storm Surge Advisories (Japan Meteorological Agency)	
1	 Risk of weather worsening	Probability of Warnings (Japan Meteorological Agency)	Probability of Warnings (Japan Meteorological Agency)

Note 1: Alert Level 5 is rarely issued due to a number of reasons, such as municipal authorities being unable to accurately grasp the severity of a disaster.

Note 2: Evacuation Recommendations will no longer be issued. Instead, Evacuation Instructions will be issued.

Note 3: An Alert Level 3 indicates that everyone living in the evacuating area should prepare to evacuate if the Alert Level is raised. People who may have difficulty evacuating quickly or who feel that they are already in danger should proceed to evacuate themselves.

#### Emergency Safety Measures (Alert Level 5)

indicates a life-threatening situation in which you can no longer safely evacuate.

Please evacuate before Alert Level 5 is issued.

#### Evacuation Recommendations will no longer be used.

From now on, all residents should evacuate from affected areas **when or before Evacuation Instruction (Alert Level 4) is issued.**

Elderly people, those with disabilities, and others who may need more time to evacuate should evacuate from affected areas **when Evacuation of the Elderly, Etc. (Alert Level 3) is issued.**



How can I safely evacuate?

Evacuation is more than simply moving to a community center or elementary school/junior high school. The goal of evacuation is to get somewhere safe. There are four courses of action you can take.



#### Evacuate to an evacuation site designated by your local authority

What to take with you:  
Masks  
Disinfectant solution  
Thermometer  
Slippers  
Etc.



#### Evacuate to a friend or relative's home in a safe area

Talk to them in advance about evacuating during a disaster.

Note: Check the Hazard Map to see whether the area is safe.



### Decide in advance how to act during a disaster

#### Evacuate to a hotel, inn, etc. in a safe area

Normal accommodation charges will apply. Try to make a reservation and/or check availability in advance.

Note: Check the Hazard Map to see whether the area is safe.



#### Shelter indoors

Check the Hazard Map to see whether you meet the "3 conditions" to shelter indoors.

Note: Do not shelter indoors if there is risk of a landslide occurring. Evacuate immediately.



### If you meet the "3 conditions," then it may be possible to shelter indoors even during a flood

① Your home is not located in an assumed flooding area where houses are likely to collapse.

(If it is...)



Wooden houses may collapse due to fast-moving water.

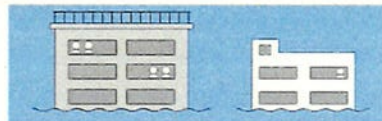
Your entire house may be washed away as the ground crumbles beneath it.

② Your home is higher up than the flooding level



③ You can hold out until the water recedes and have sufficient supplies of water/food, etc. (If not...)

You may struggle to secure water, food, medicine, etc. or may be unable to use electricity, gas, water, and other utilities



Note: Since ① the assumed flooding area where houses are likely to collapse and ③ the time until the water recedes (duration of the flooding) may not be shown on the Hazard Map, please contact your municipal authority.

Going outside during torrential rains is dangerous, even in a car. If you have no choice but to spend the night in your car, take great care to check your surroundings, etc., to make sure you are not caught in a flood.