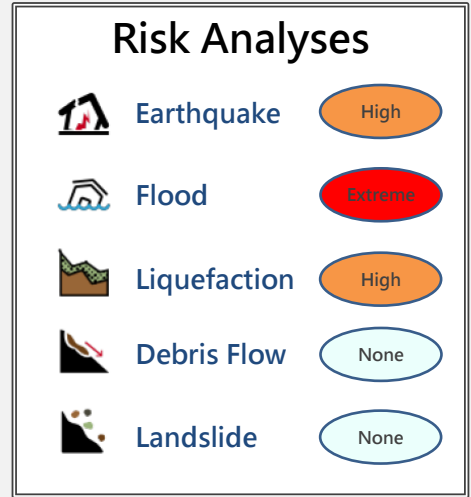
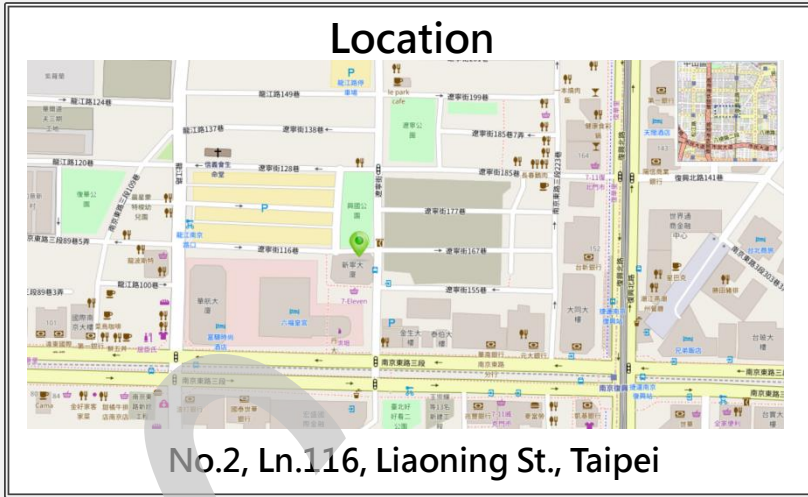


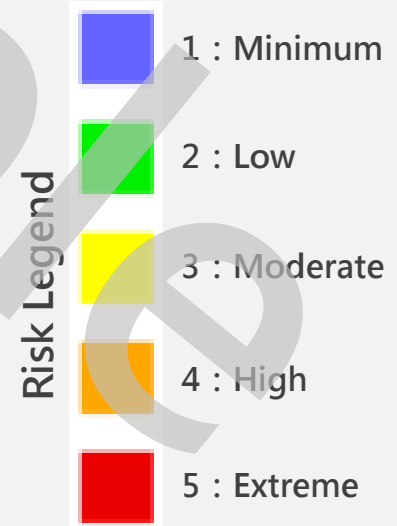
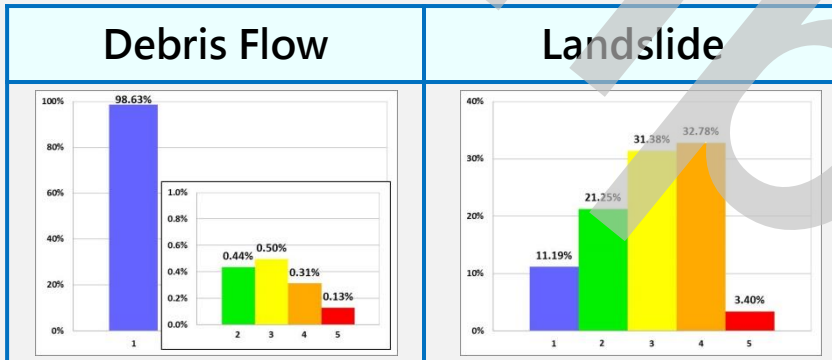
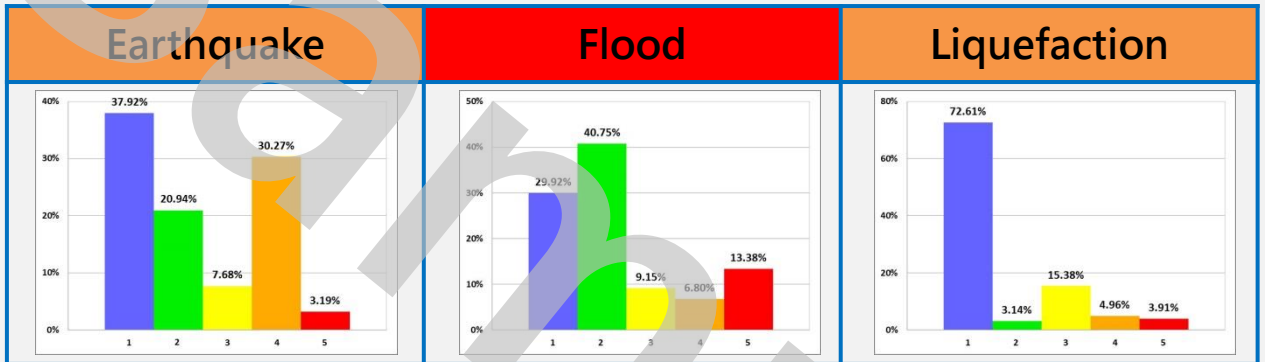


Hogazai Risk Analysis Report

- Open data (Year 2004~2017) from Taiwan government.
- All analyses have been verified by Taiwan Association of Disaster Prevention Industry (TADPI).



Proportion of Hazard Risk in Taiwan



Note: There is no debris flow risk in non-hillside area, and no landslide risk in flatland area.

- Because most of environments in Taiwan are non-hillside and flatland area, the distribution plots do not include "no risk" results.



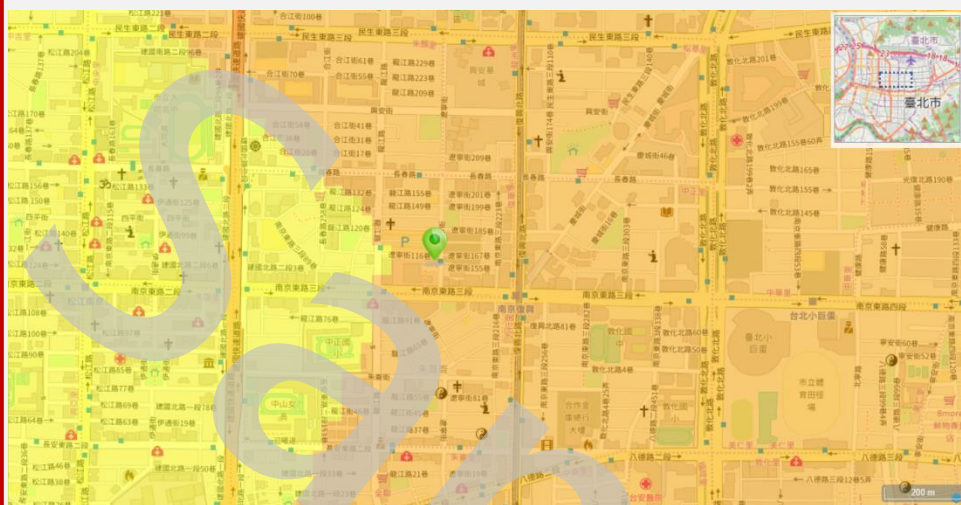
Hogazai

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Hazard Risk Map and Analysis Statements

Earthquake



Risk Legend

-  1 : Minimum
-  2 : Low
-  3 : Moderate
-  4 : High
-  5 : Extreme

High

Your location is over 100 meters away from the fault. When the earthquake happens, the Peak Ground Acceleration (PGA) is between 0.33~0.48 g, and Vs30 (the time-averaged shear-wave velocity to 30 meter depth) is between 0~180 m/s.

The fault rupture could cut the gas, running water, telephone and internet. You might be strike by seismic waves with intensity level of 6, which bring down the furniture, deform the doors and windows, and damage part of the building. Besides, the loose soil here could cause a strong site effect which amplifies the ground motion.

We recommend you to find a professional engineer and check if the building structure follows the "Seismic Design Specifications".



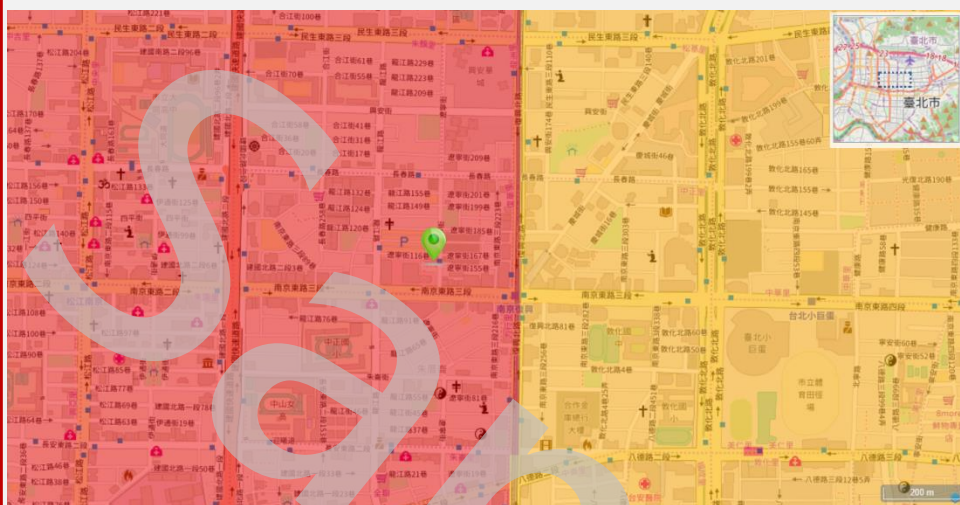
Hogazai

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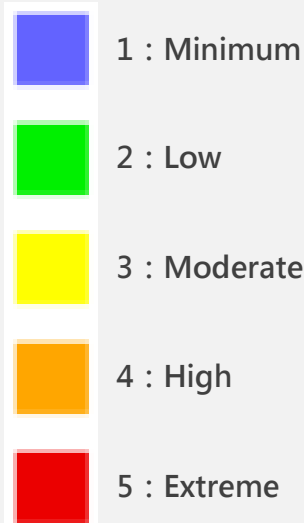
- Open data (Year 2004~2017) from Taiwan government.
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Hazard Risk Map and Analysis Statements

Flood



Risk Legend



Extreme

Your location's rainfall threshold value for flood is from 300~400 millimeters.

It is quite possible to result in floods with the water depth range from 0~1 meters.

We recommend you to be highly aware of the Central Weather Bureau (CWB) extremely heavy rain advisory. Make sure the waterproof gates to be functioning and exactly closed.



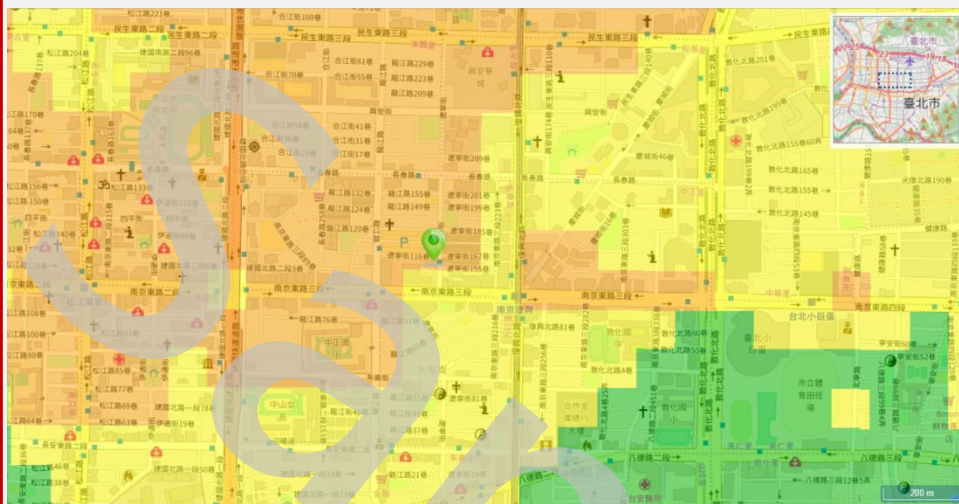
Hogazai

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Hazard Risk Map and Analysis Statements

Liquefaction



Risk Legend

-  1 : Minimum
-  2 : Low
-  3 : Moderate
-  4 : High
-  5 : Extreme

High

Your location's elevation ranges from 0~20 meters, and the sediments here are origin from alluvium or terrace deposits. The distance between underground water level and surface is less than 20 meters. On the other hand, the Peak Ground Acceleration (PGA) when earthquake happens is between 0.33~0.48 g.

The soil layer is thick and loose here. The underground water is close to the surface. The ground shakes strongly during earthquake duration.

The chance to happen soil liquefaction is high. We recommend you to conduct a geological survey and then implement a soil improvement to the whole area.



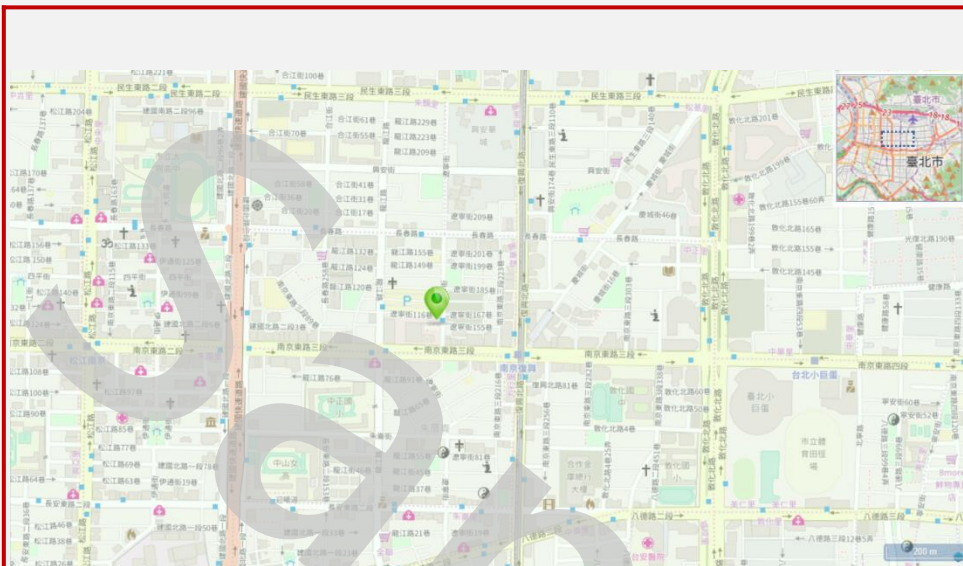
Hogazai

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Hazard Risk Map and Analysis Statements

Debris Flow



Risk Legend

	0 : None
	1 : Minimum
	2 : Low
	3 : Moderate
	4 : High
	5 : Extreme

None

Because your location is in non-hillside area and out of hazard region, there is no debris flow risk.



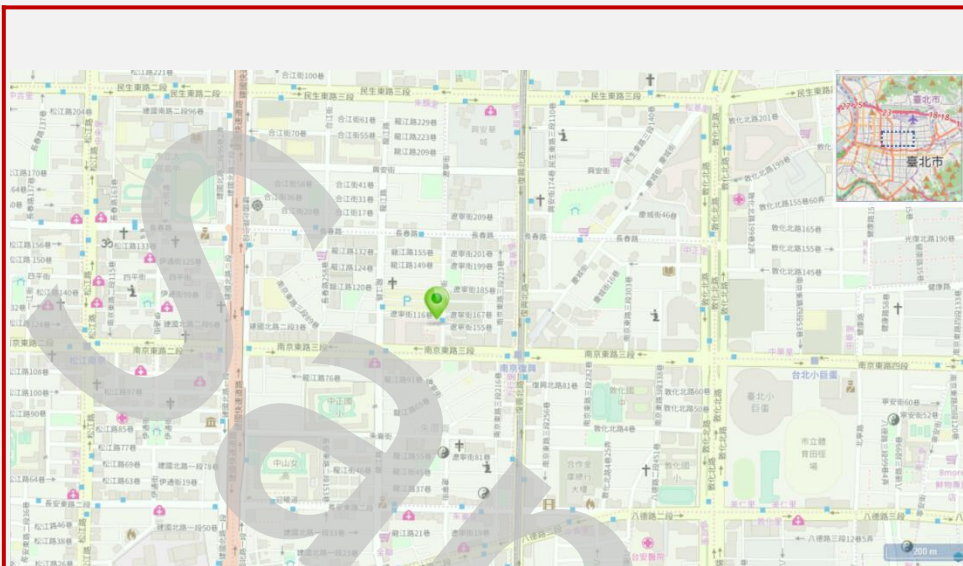
Hogazai

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Hazard Risk Map and Analysis Statements

Landslide



Risk Legend

- 0 : None
- 1 : Minimum
- 2 : Low
- 3 : Moderate
- 4 : High
- 5 : Extreme

None

Because your location is in flatland area and out of hazard region, there is no landslide risk.