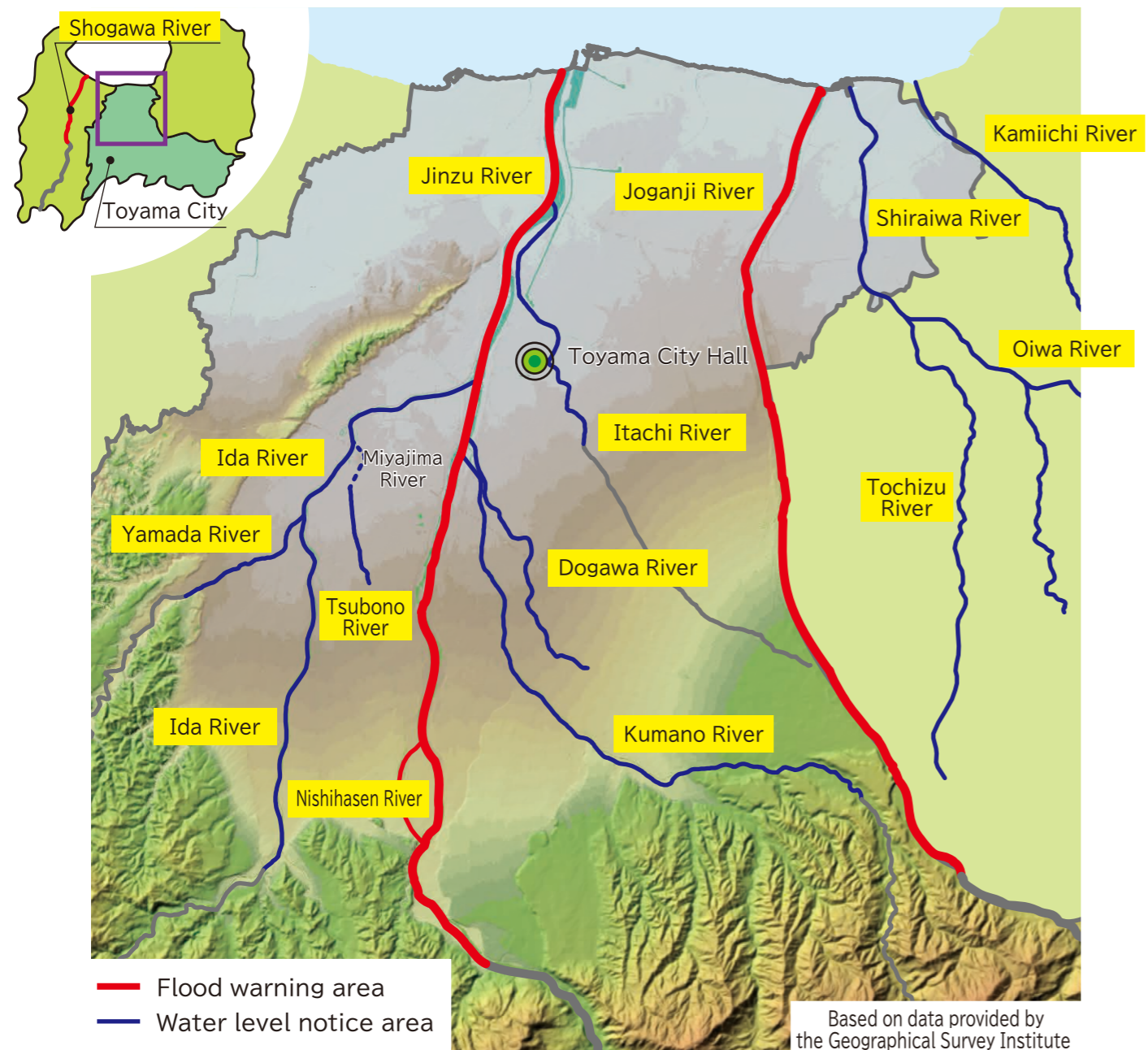
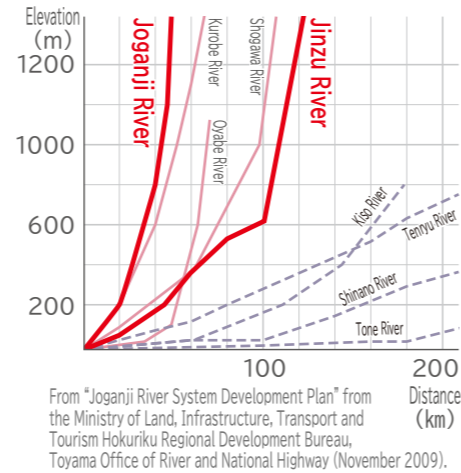


Knowing about Geography for Safe Evacuation

There are many rivers flowing through the city that could cause serious damage due to flooding. In particular, the **Joganji River** and the **Jinzu River**, which are considered to be two of the fastest flowing rivers in Japan (see the figure on the right), may have very high flood energy.

Much of the city area of Toyama is on a vast alluvial fan, and flooding of the **Joganji River*** tends to cause widespread and shallow flooding, and is expected to affect the center of the city. Fast-flowing floods may be imminent, so take appropriate evacuation action according to the situation.

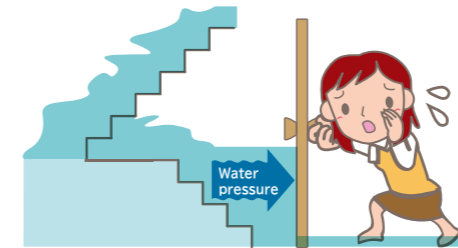
On the other hand, when the **Jinzu River floods***, it tends to flood deeply in a narrow area along the river, so evacuate to a safe evacuation shelter or site as soon as possible.



*Illustration of flooding on the Joganji and Jinzu Rivers
For rivers under the jurisdiction of the Ministry of Land, Infrastructure, Transport and Tourism, you can check the "Flooding Navigation" website of the MLIT to get an idea of the spread of flooding.

Things to Remember When Evacuating

1. Be responsible for your own safety
2. Evacuate early by your own judgment
3. Work together (Don't evacuate alone)



Wear comfortable clothes.

- Carry supplies in a backpack to keep both hands free
- Wear athletic shoes that you can tie tightly
- Do not wear rubber boots because water gets inside them, which is dangerous
- Instead of carrying an umbrella, keep your hands free by wearing a rain poncho or cape



Avoid hazards when moving.

- The person leading the group should use a long stick or umbrella to secure their footing.
- Watch out for manholes, ditches, waterways, depressions, and other hazards.
- Do not walk into underpasses or on the edge of the street.
- Stay away from downed powerlines.
- Avoid bridges with high water levels as much as possible.



Dangers in underground facilities

- Being underground makes it hard to see conditions outside.
- There is a high risk of underground spaces filling with water, losing power, and so on.
- Lighting, elevators, and other equipment may no longer work.
- It is very difficult to evacuate while walking against the flow of water.

Caring for those who need assistance



The elderly, the sick or injured, children, etc

- Evacuate to a safe place by carrying the person, such as by piggyback, or by leading them by hand.



For those with limited limb mobility (people who use wheelchairs)

- Use more than one person if possible. If alone, carry the person on your back to evacuate.
- Have them face forward when going up stairs and backward when going down.



People with visual impairments

- Communicate information by calling out
- When leading someone with a visual impairment, walk slowly, and stay on the opposite side of the hand holding their cane.



People with hearing impairments

- Speak clearly and make it easy for the person to see your mouth for better understanding.
- Use writing or other ways of communicating.



People with "Help Marks"

This mark indicates that assistance is needed in the event of a disaster, even if it is not apparent at first glance. Please take this into consideration when evacuating.

More about "Help Marks"

富山市 ヘルプマーク



Answer to Question 3 of the quiz at the end of the book (b. Athletic shoes)
If you have no choice but to evacuate by walking through flooded areas, avoid wearing boots or sandals.

Question 5 of the quiz at the end of the book
"Evacuate alone to make the going easier" is the wrong answer!
It's dangerous to evacuate alone because unexpected things can happen.
Try to evacuate with at least one other person. Ask your neighbors if you are alone.