

1 Tsunami reduction and housing reconstruction project to "protect lives from tsunami"

In order to rebuild the east part of Sendai which was seriously damaged by the tsunami, we will take various measures to reduce the damage caused by tsunami, including using rubble to raise the height of the Shiogama-Watari Line prefectural road so that the road can function as a "second breakwater."

As for areas at high risk for tsunami, we will take measures to secure safe houses primarily by promoting relocation to the safer west part of Sendai.

Specific initiatives

- Reducing tsunami damage by raising the height of prefectural roads
 - Raise the height of the Shiogama-Watari Line prefectural road so that the road can function as a "second breakwater." Take measures to reduce tsunami damage, including restoration of disaster-prevention forests that are unlikely to be washed away.
 - In raising the height of the prefectural road and in building hills, use removed rubble and deposited sand where possible.
- Securing evacuation facilities
 - Secure multiple facilities for protecting citizens' lives from tsunami, including constructing buildings and hills for evacuation from tsunami and evacuation roads, and using roads in the eastern part of Sendai as emergency evacuation sites.
- Securing safe housing
 - In areas at high risk of tsunami damage even after the development of disaster-prevention facilities, prohibit construction of new houses and extension of existing houses, and promote relocation to the safer western part of Sendai for housing safety.
 - In areas at certain risk of tsunami damage even after the construction of disaster-prevention facilities, allow rebuilding of houses in these areas, in principle, while somewhat restricting building construction to ensure safety.
 - Secure permanent houses for the disaster victims as early as possible by building public reconstruction housing, to be available by fiscal 2013.

Conceptual image of tsunami-prevention facilities (cross-section view)

