

River Projects (10 River Systems: Shingugawa River, Kinokawa River, Yamatogawa River, Yodo River, Kakogawa River, Ibogawa River, Maruyamagawa River, Yuragawa River, Kitagawa River, Kuzuryu-gawa River)

Dam Projects (3 locations: Daidogawa Dam, Amagase Dam, Asuwagawa Dam) Landslide Prevention Projects (1 Jocation: Kamenose district) Erosion Control Projects (4 locations: Kidzugawa River Systém, Rokko Mountain

Safety of the People, Guarantee of Security Coastal Area Projects (1 location: Toban Coast)

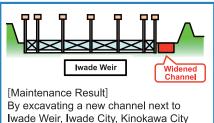
Range, Kuzuryu-gawa River System, Kii Mountain Range)

Promotion of flood prevention to stimulate regional growth

The betterment of flood prevention safety measures, made possible by better river maintenance, has allowed for the stimulation of regional areas. Hinogawa River Flood Prevention, Marshland

■ Countermeasures for Narrow Areas of wade (Kinokawa River System, Kinokawa)





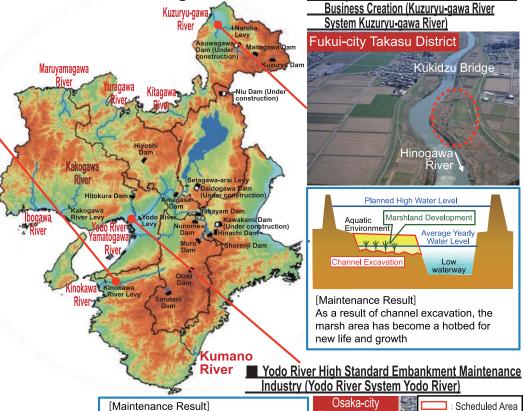
water damage.

and others will be less susceptible to flood

Nankai Trough Megathrust Earthquake Prevention Measure Promotion

Measures to prevent and lessen damage from earthquake and tsunami by strengthening sluiceways, embankments and waterways.





Mizbering Project

Yodo River High Standard Embankment

allows for the creation of a new town.

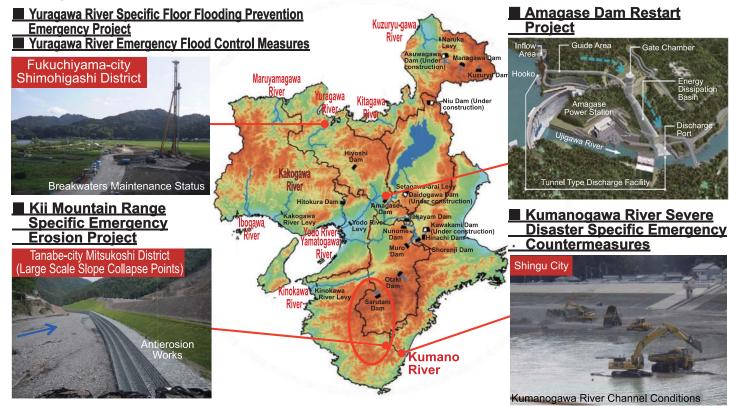
The people and industry, as well as the government, that have interest in the waterside, will join together as one to restore the lost bustle of the Japanese waterside and make a new, active area with endless possibilities.



Water Pollution and Landslide **Disaster Countermeasures**

Industry aimed at protecting the livelihood of watershed residents from flood damage

Based on frequent flood disasters and sediment related disasters in recent years, emergency flood control measures have been implemented to prevent and mitigate damage in advance.



Measures taken to rebuild a "Water Damage Prevention Conscious Society"

Based on heavy rains in the Kanto and Tohoku areas, a new "Water Damage Prevention Conscious Society Vision" will be promoted within the next 5 years for directly controlled river systems and their corresponding residential areas.

Non-Structura Measures>

To make it easier for residents to recognize risk, evaluate and self-evacuate, we will switch to a more effective "Resident Perspective Countermeasure" and base our estimates on flood levels until 2016.

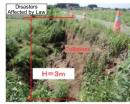
<Structural Measures> Adding to the "Safe Floodwater Discharge Measure," <u>a countermeasure</u> <u>aimed at reducing the damage of floods, "Crisis Management Measure" for</u> roughly 150km area will be enacted.



<Crisis Management Measure>

O New embankments aimed at lengthening the time between overtopping and breach will be promoted and embankments with tenacious structures will be

<Embankment Construction for Reduction of</p> Damages (Countermeasure Example)>



Protecting embankments from erosion by overflowing water through the use of asphalt on the walkways of the embankments Narugasegawa River System Yoshidagawa River Heavy rains of September 2015. Kanto and Tohoku

O Measures to raise the height of embankments, prevent infiltration etc., will be preferentially enacted in necessary districts

<Safe Floodwater Discharge Measures>

<Resident Perspective Countermeasure> O Proliferation of Risk information for Residents

O Preemptive response planning, Drill promotion

O Provide real-time information to trigger evacuation procedures

House Collapse Danger Area Areas where wooden houses face anger of collapse due to breach