

Problems with the height below the bridge girder were solved by reconstruction.

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 location: Kamenose district)

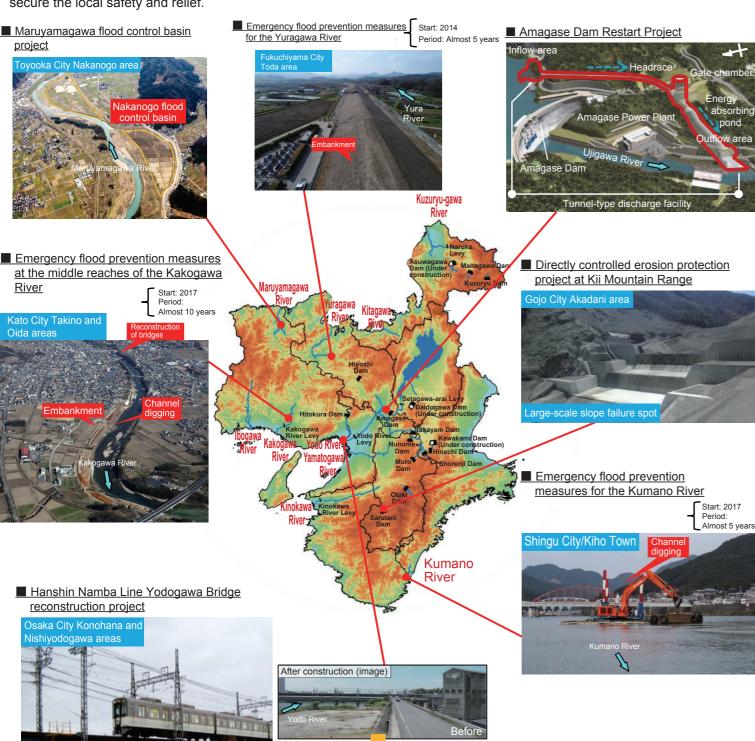
Erosion Control Projects (4 locations: Rokkyo Mountain Range, Kidzugawa River System, Kuzuryu-gawa River System, Kii Mountain Range)

Coastal Area Projects (1 location: Toban Coast)

Safety of the People, Guarantee of Security

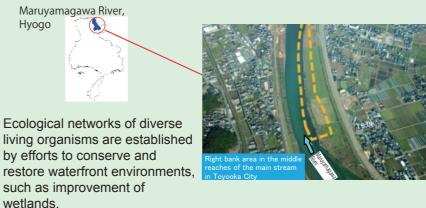
## Focus on flood/landslide control measures for prevention of recurrence

Emergency flood control measures are taken to prevent the recurrence of disasters that have caused considerable damage in recent years. In addition, by the disaster prevention measures that prepare for floods, improve the river security level, and secure the local safety and relief.



## Regional Revitalizaton and Realization of an Affluent Life

### Promotion of ecological networks centered on rivers





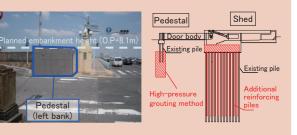
# Nankai Trough Megathrust Earthquake Prevention Measure Promotion

Yodo River Osaka Anti-earthquake measures are taken to prepare for a possible Nankai Trough Megathrust Earthquake, which may be imminent, and other large earthquakes.



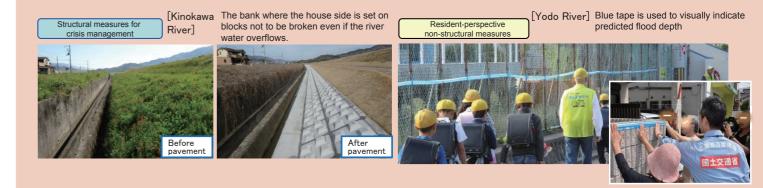
#### [Quakeproofing measures]

Shed: Reinforcing piles added for earthquake resistance.
Pedestal: High-pressure grouting method used for earthquake resistance to preserve regular functions.



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

Under the "Water Damage Prevention Conscious Society Vision," which was established in response to heavy rains in the Kanto and Tohoku regions, projects to improve rivers (measures to prevent large-scale flooding, and structural measures for crisis management), which are planned to be completed in fiscal 2020, will continue to be carried out.



#### Infrastructure usage that contributes to local regional development through sightseeing

Viewing bridges, dams, and other public infrastructure as sightseeing resources, tours are conducted of such infrastructure in collaboration with tours conducted by private companies. These tours enter locations that people normally cannot enter and thereby help build familiarity with and understanding of the roles of civil engineering.







