Tsurumigawa Multi-purpose Retarding Basin
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- During flooding, down river water flow is controlled
  - The flood water will be stored temporarily.

- Flood water is directed into the retarding basin via the fuseplug levee along the Tsurumi River
  - The flood water will be stored temporarily.

- After flooding, the stored water will be gradually returned to the river
  - When the river water level has lowered, the stored water will be gradually discharged through discharging gate.
In order to avoid hindering flood control capacity, the piloti method (elevated-floor style) has been incorporated in the construction of the Yokohama International Sports Stadium.
Super Levee

Before Construction of Super Levee

After Construction of Super Levee

*High-standard embankment area

*Ordinary land use is permitted in high-standard embankment areas.
Construction of underground floodways and underground regulating reservoirs is an effective means of solving the problem of urban flooding.
Thames Flood Barrier
Maeslant Storm Surge Barrier, Netherlands