

# Illegal dumping of waste in rivers and waterways

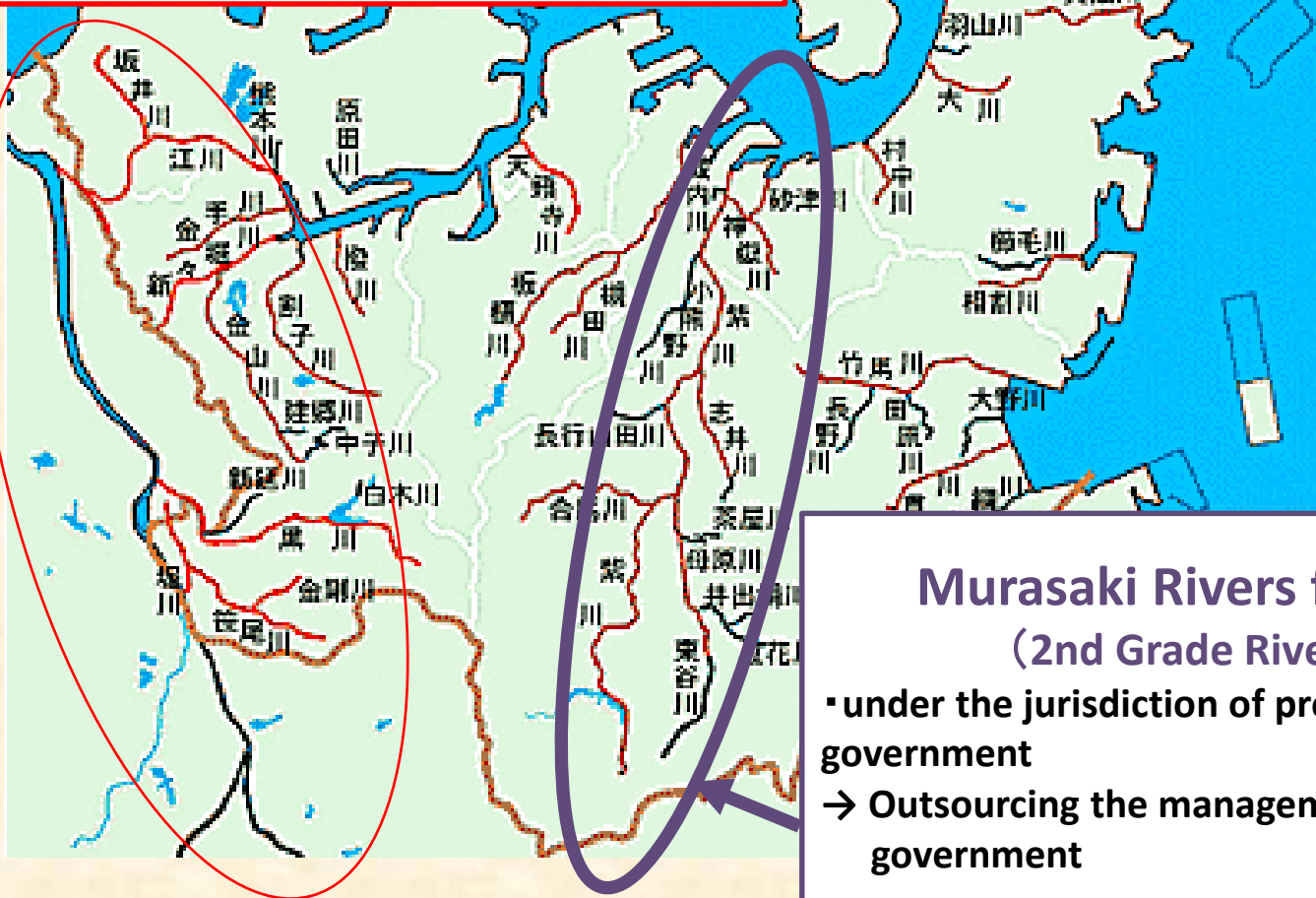


# Rivers in Kitakyushu

## Ongagawa Rivers family

(1st Grade River)

- under the jurisdiction of national government
- Outsourcing management to the prefectural government



## Murasaki Rivers family

(2nd Grade River)

- under the jurisdiction of prefectural government
- Outsourcing the management to city government



# Experiences of Flood Disaster and River Flooding in Kitakyushu



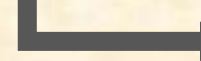
Serious flood damage in 1953 (Itozu, Kokura-kita)



Sasaogawa River in 1980,  
Ongagawa Rivers family  
(Yahatanishi)



In front of City Hall  
near  
Murasaki River  
in 2017



Large-scale flooding in 2009 and 2010  
(Tanga, Kokura-kita)



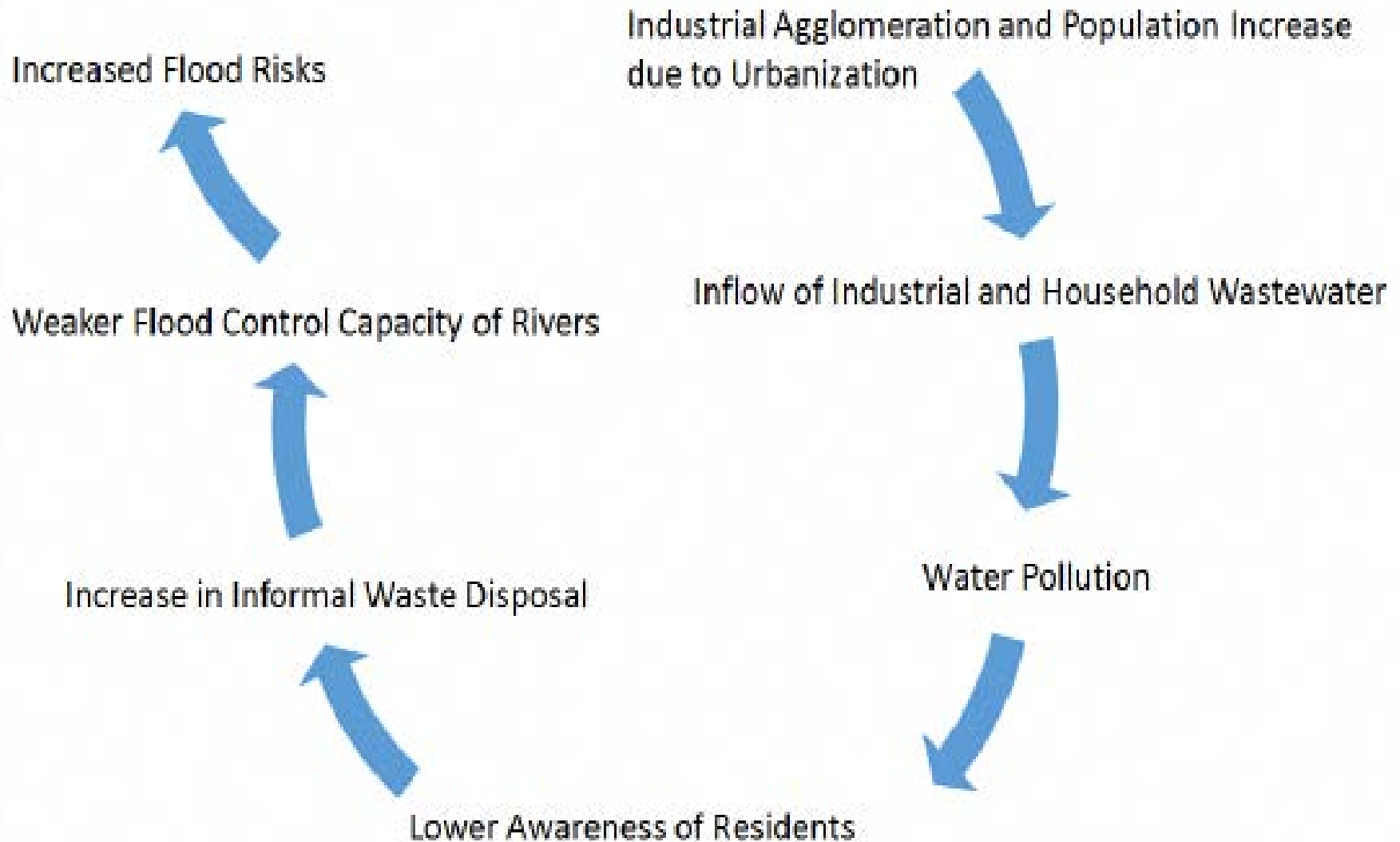
# Murasaki River

## in the mid 1960s and the early 1970s



# Vicious Cycle caused by Lack of Awareness of Residents

- Increased flood risks due to illegal dumping into rivers -

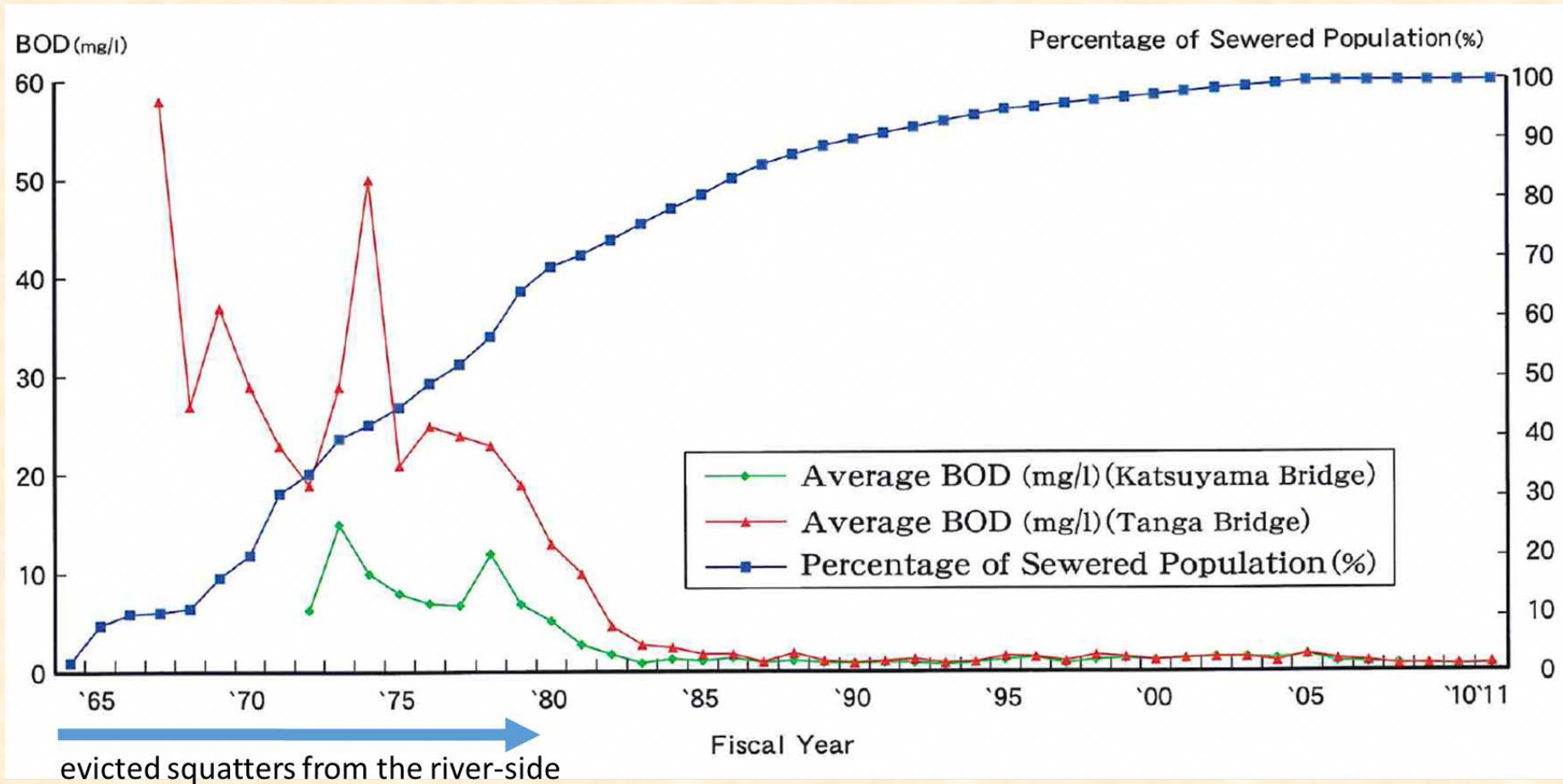


# Positive Cycle starting from Residents' Improved Consciousness

- decreased flood risks due to less illegal dumping into rivers -



# Changes in Water Quality of Murasaki River





# Revitalization of Murasaki River

## ～ Kitakyushu's Experience ～

1970s



Present

