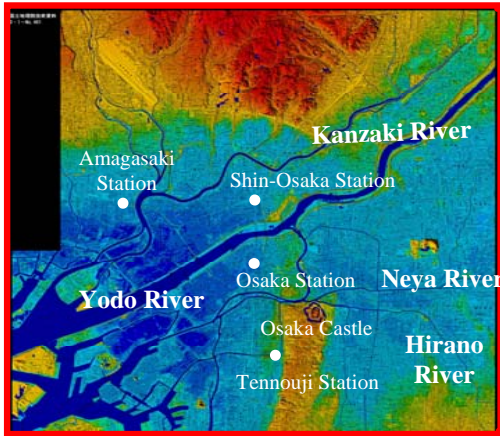


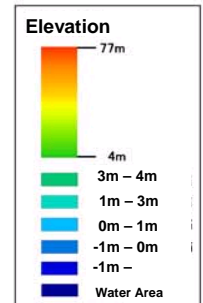
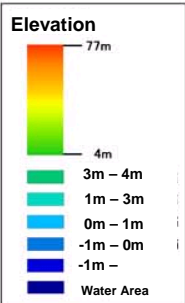
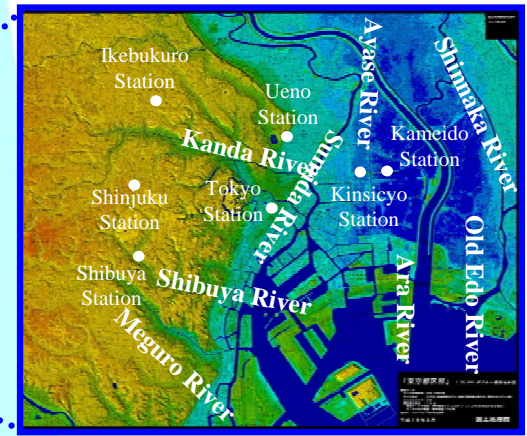
Japan is vulnerable to climate change

1. Present conditions and issues

Kinki Region



Kanto Region



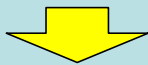
About 50% of population and about 75% of property on about 10% of land lower than water levels in rivers during flooding

Recent Flood disasters in Japan

1. Present conditions and issues

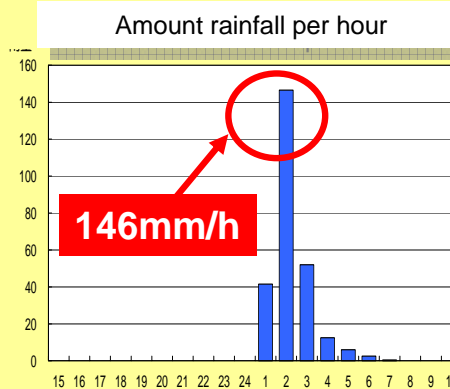
2008.7.28 Floods in Hyogo Pref.

Rapid water level rise of **134cm in 10 minutes**



2008.8.29 Floods in Aichi Pref.

largest-ever amount rainfall per hour



Cyunichi New Paper



Cyunichi New Paper

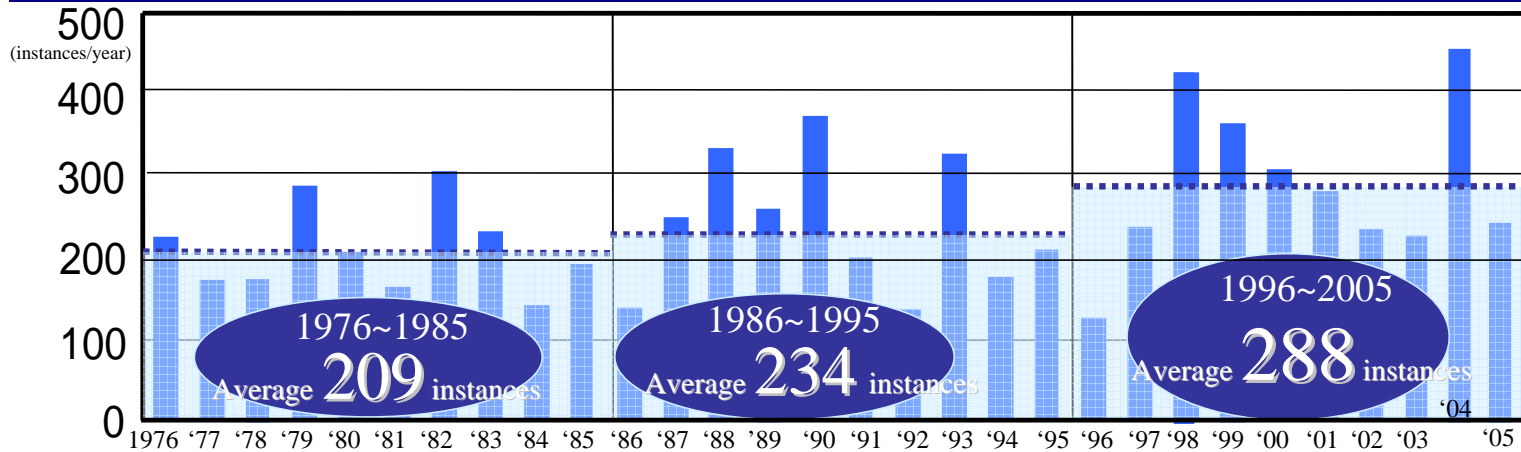


Recent Rainfall Trend

1. Present conditions and issues

Annual total of hourly rainfall instances (from approx. 1,300 AMeDAS locations across Japan)

1. Number of instances of 50 mm or more rain in an hour



2. Number of instances of 100 mm or more rain in an hour

