

**US-Taiwan Workshop on the Advancement of Societal Responses to
Mega-Disasters Afflicting Mega-Cities**

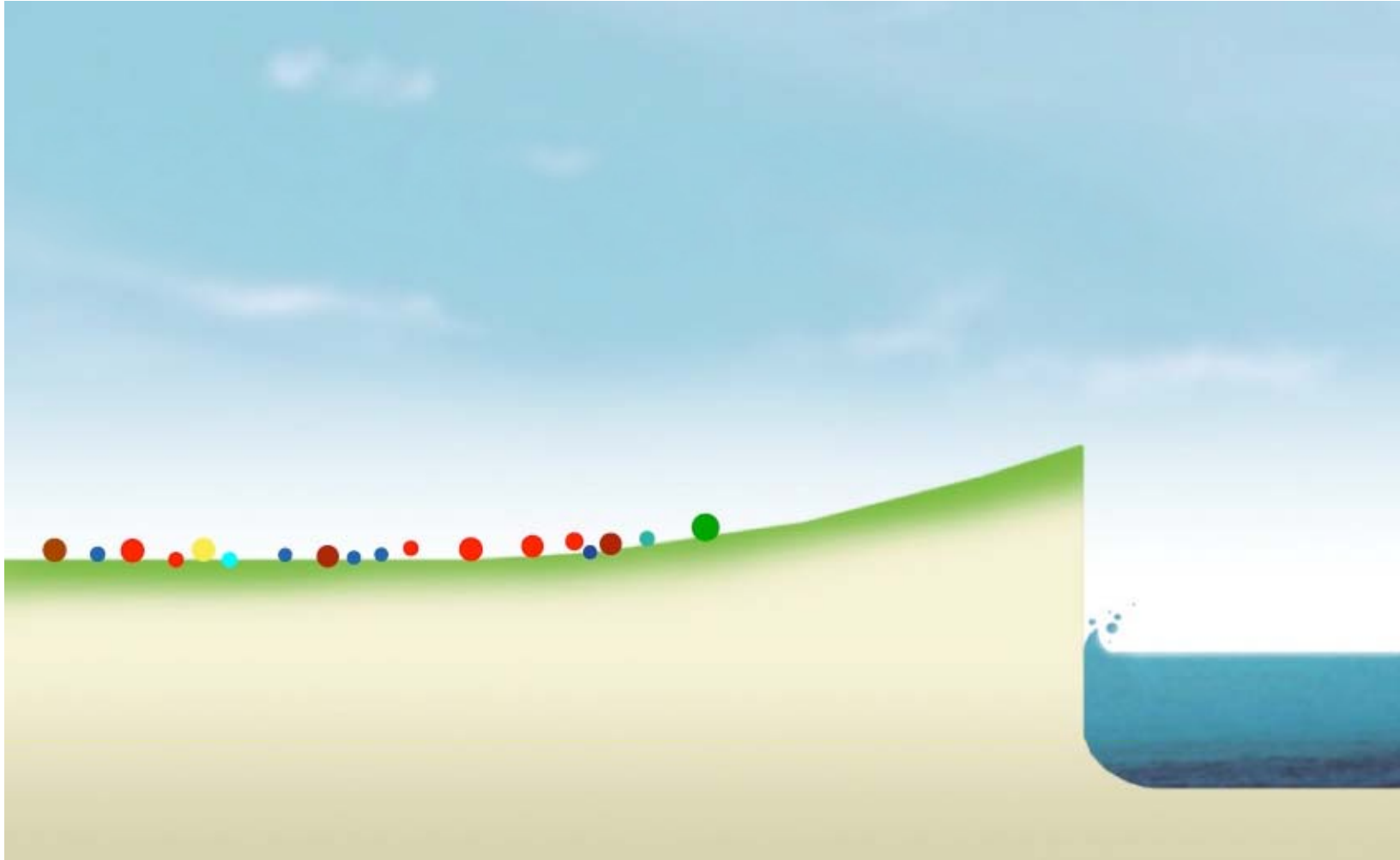
Seismic Design for Resilient City

Akira Wada

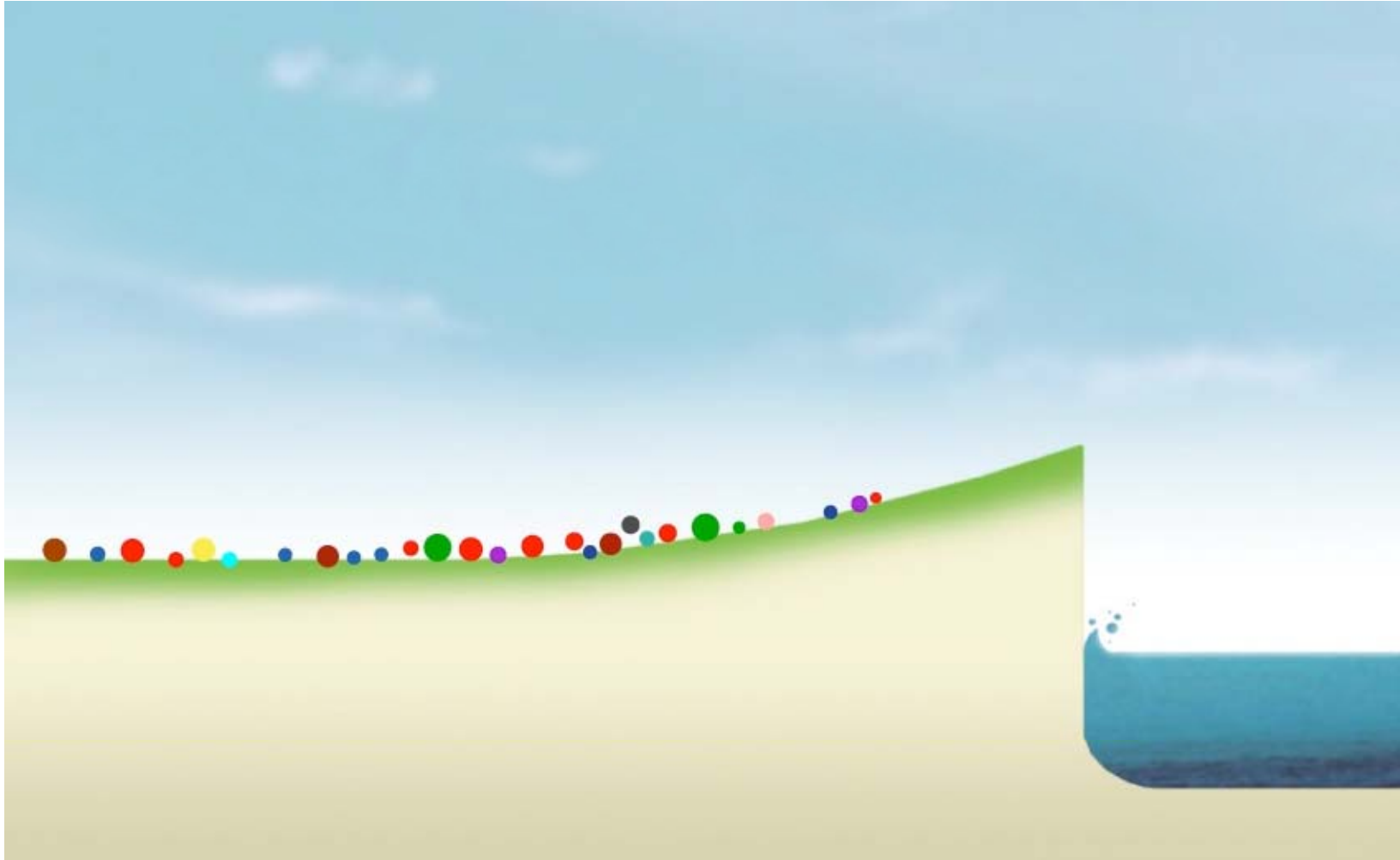
Tokyo Institute of Technology

President of ANCER

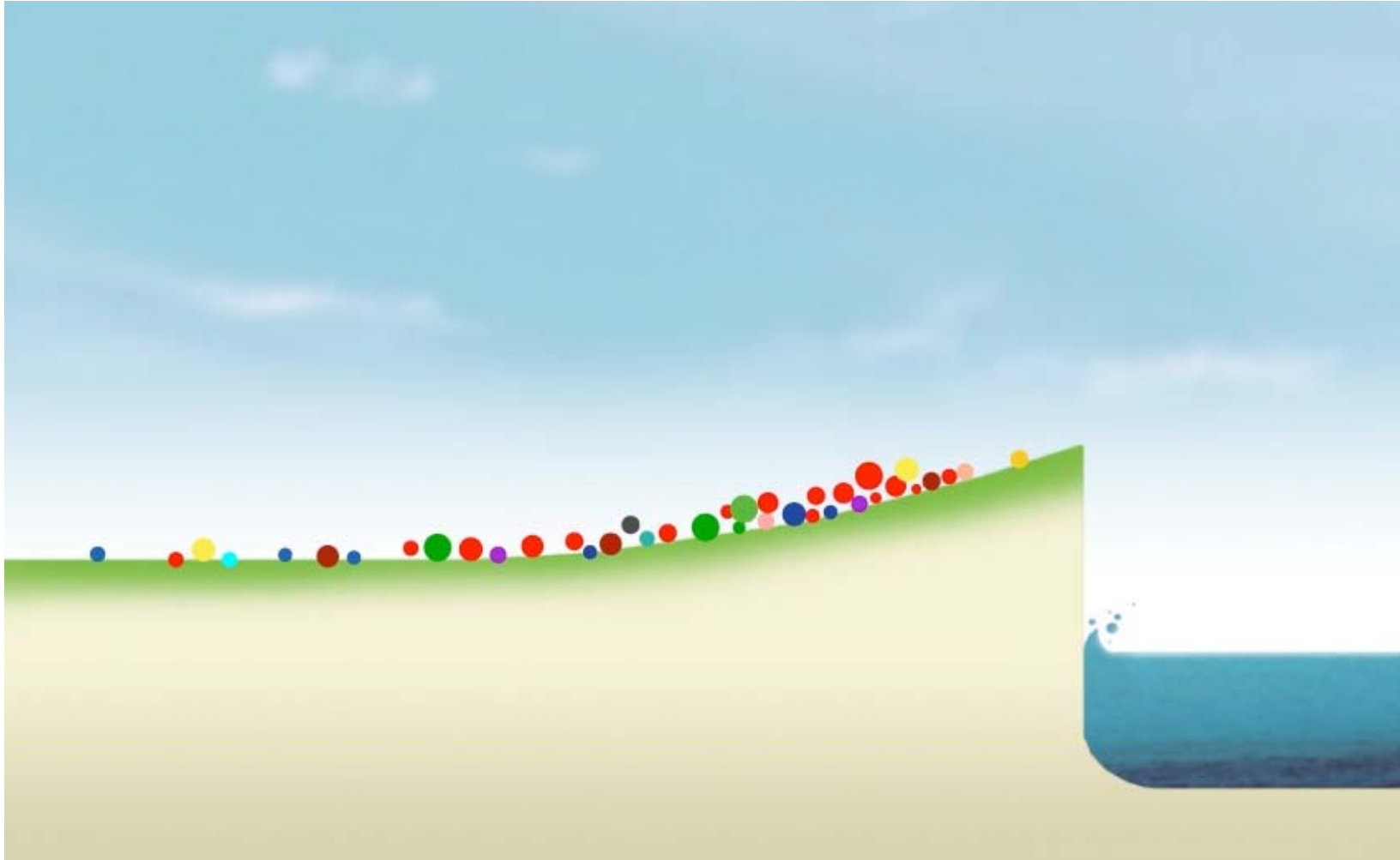
Tokyo, 400 years ago



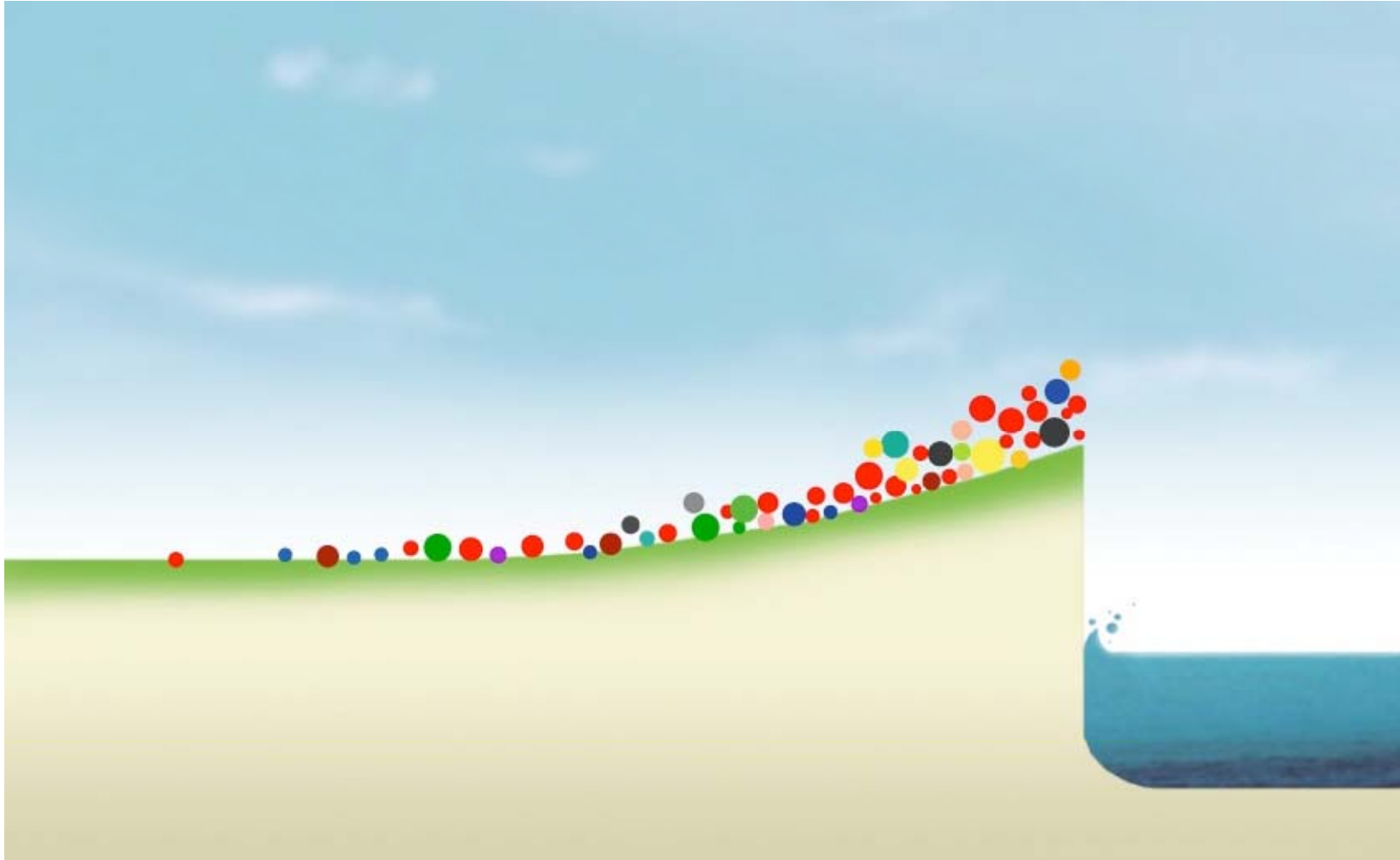
Tokyo, 350 years ago



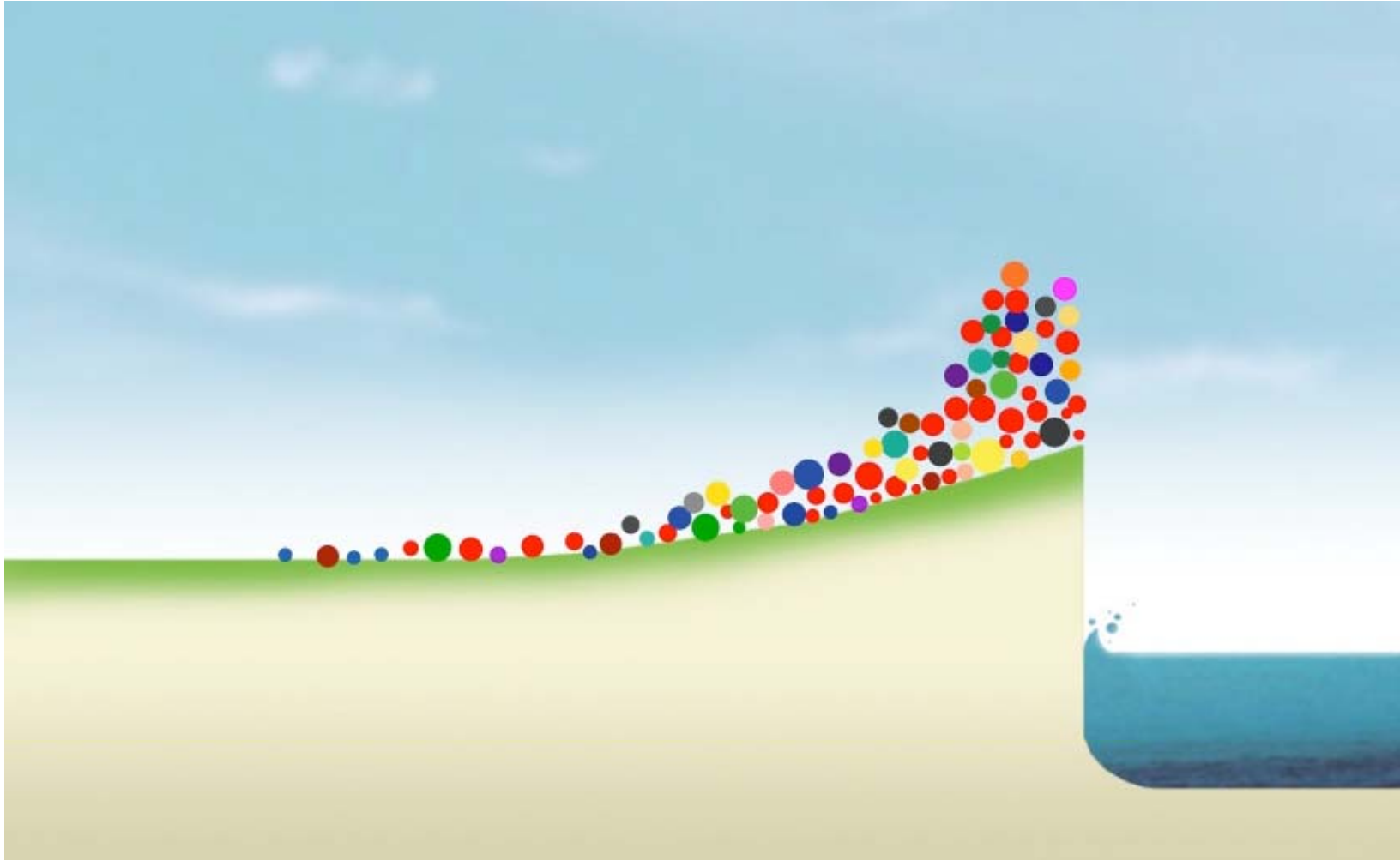
Tokyo, 300 years ago



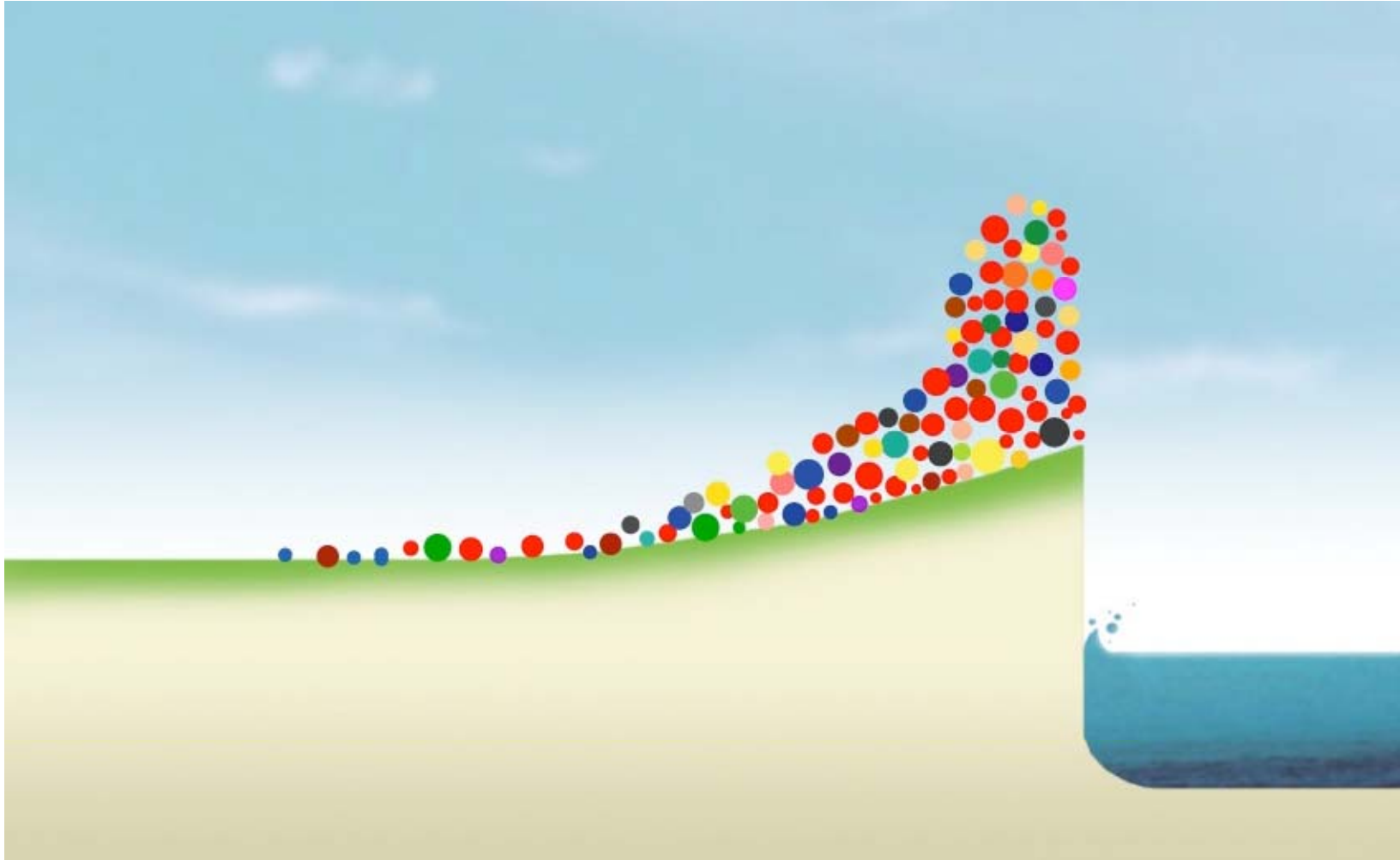
Tokyo, 250 years ago



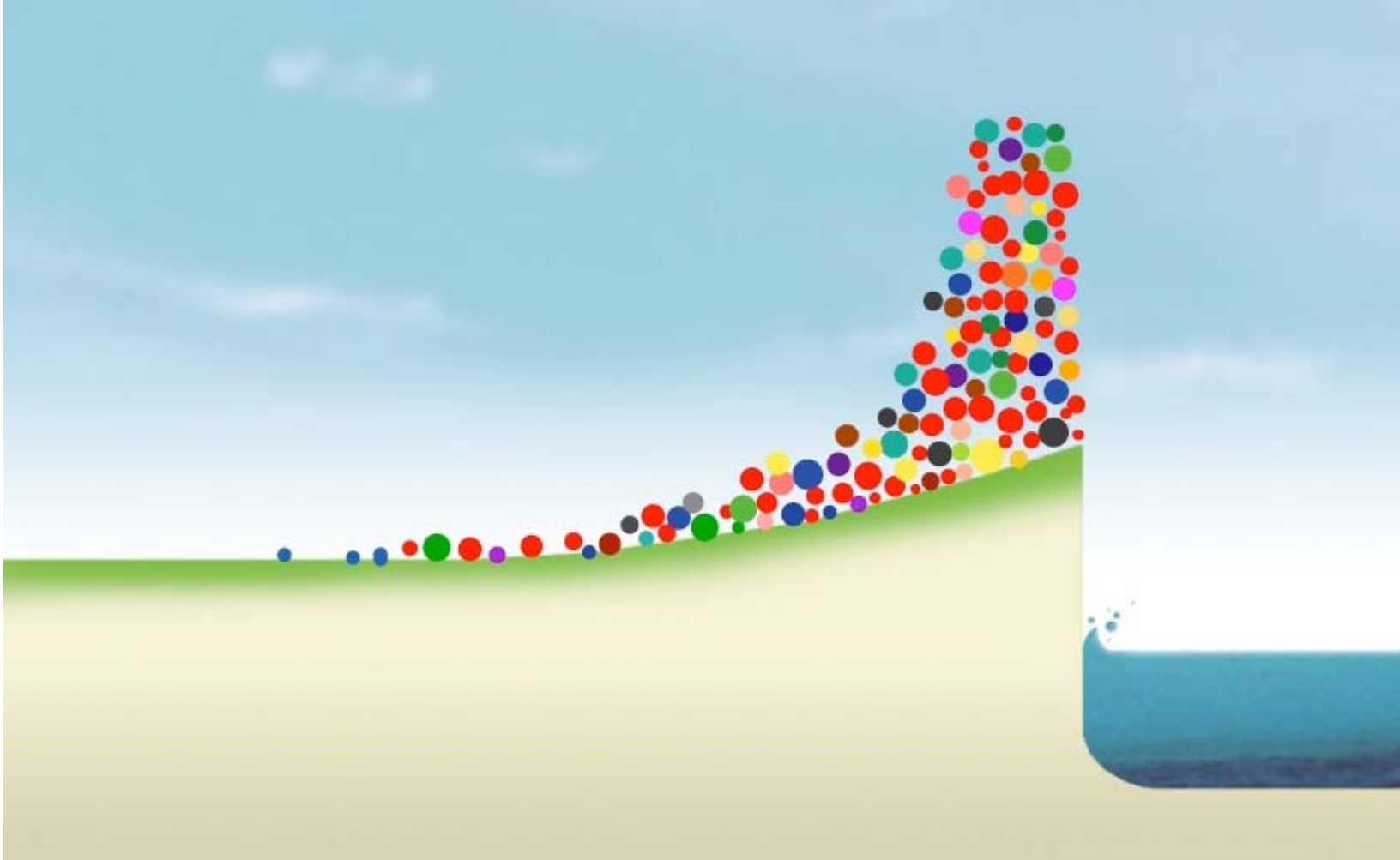
Tokyo, 200 years ago



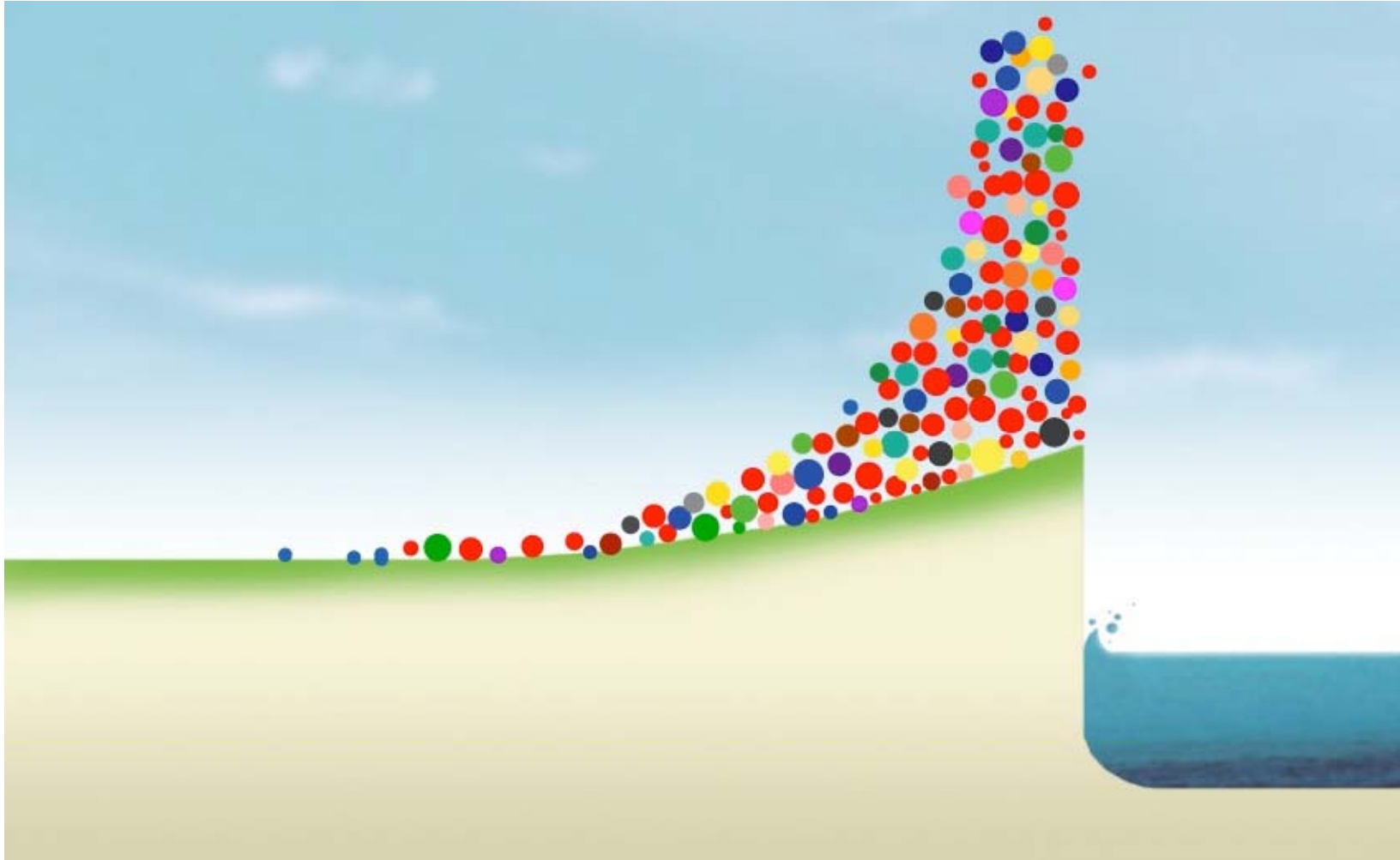
Tokyo, 150 years ago



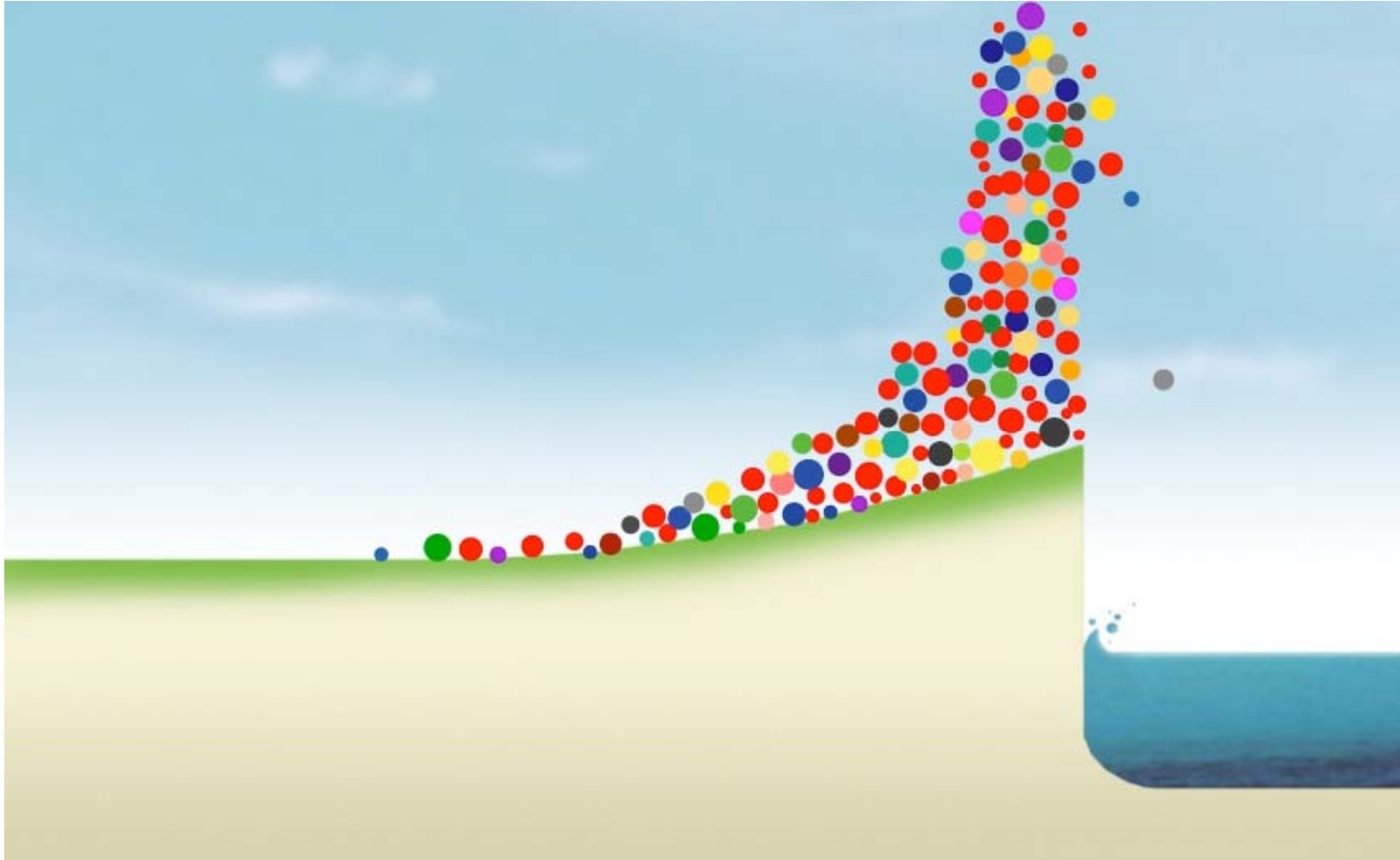
Tokyo, 100 years ago



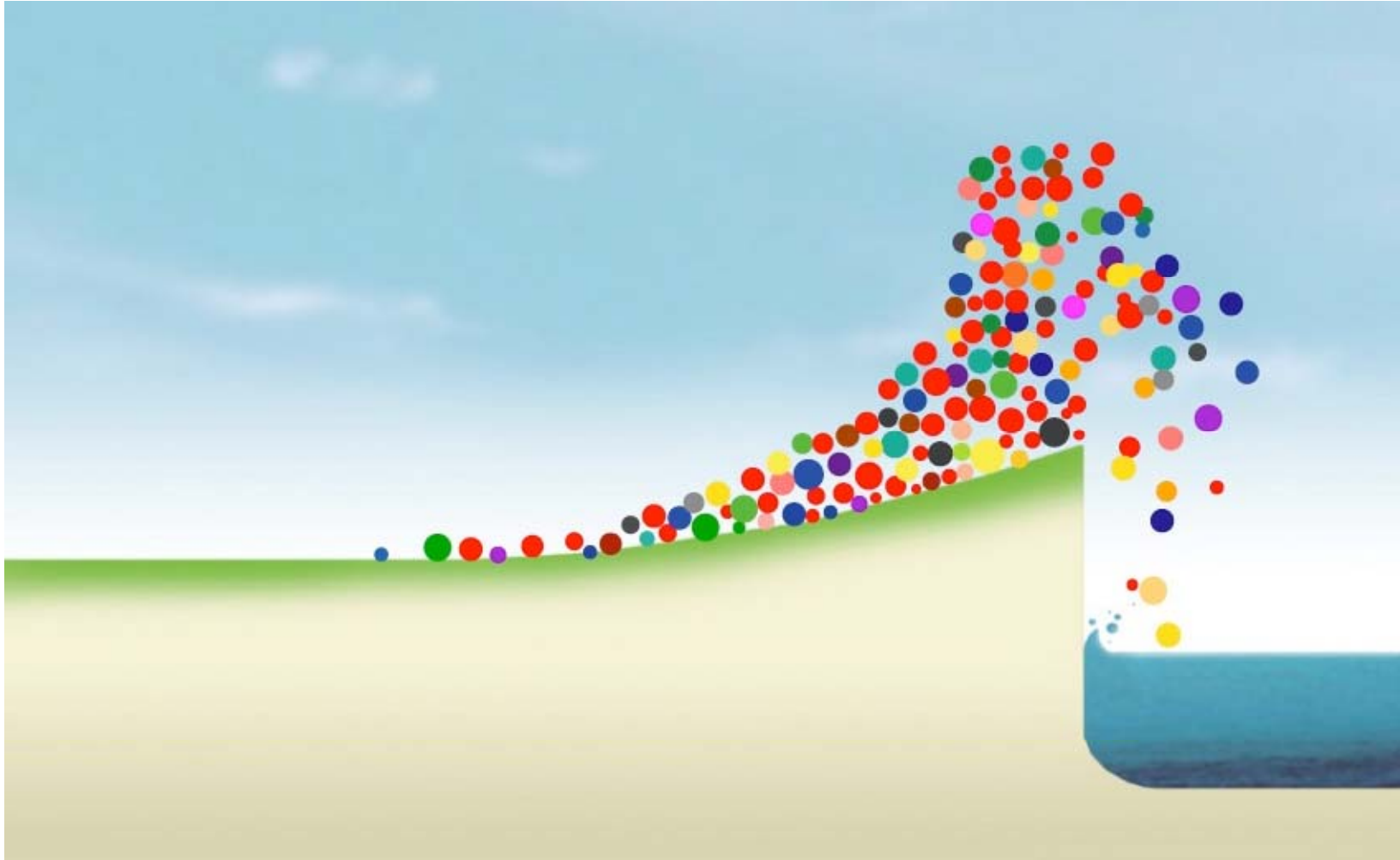
Tokyo, 50 years ago



Tokyo, now



Tokyo, after big earthquake



Around the world, cities have become home to enormous numbers of people.

The population of the Tokyo metropolitan area, the largest in the world, has grown to more than 35 million.



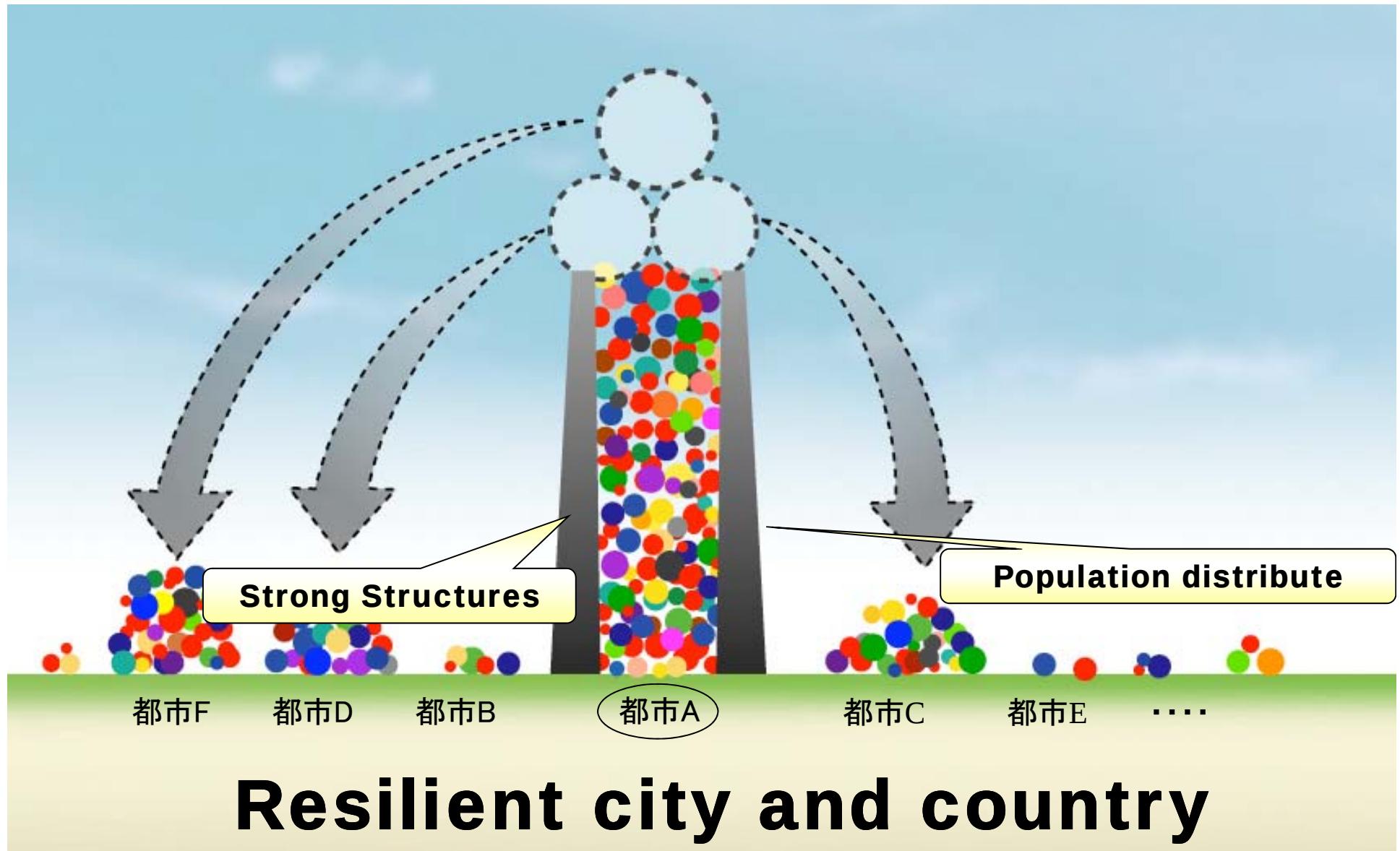
**High potential,
very dangerous**

Too dense

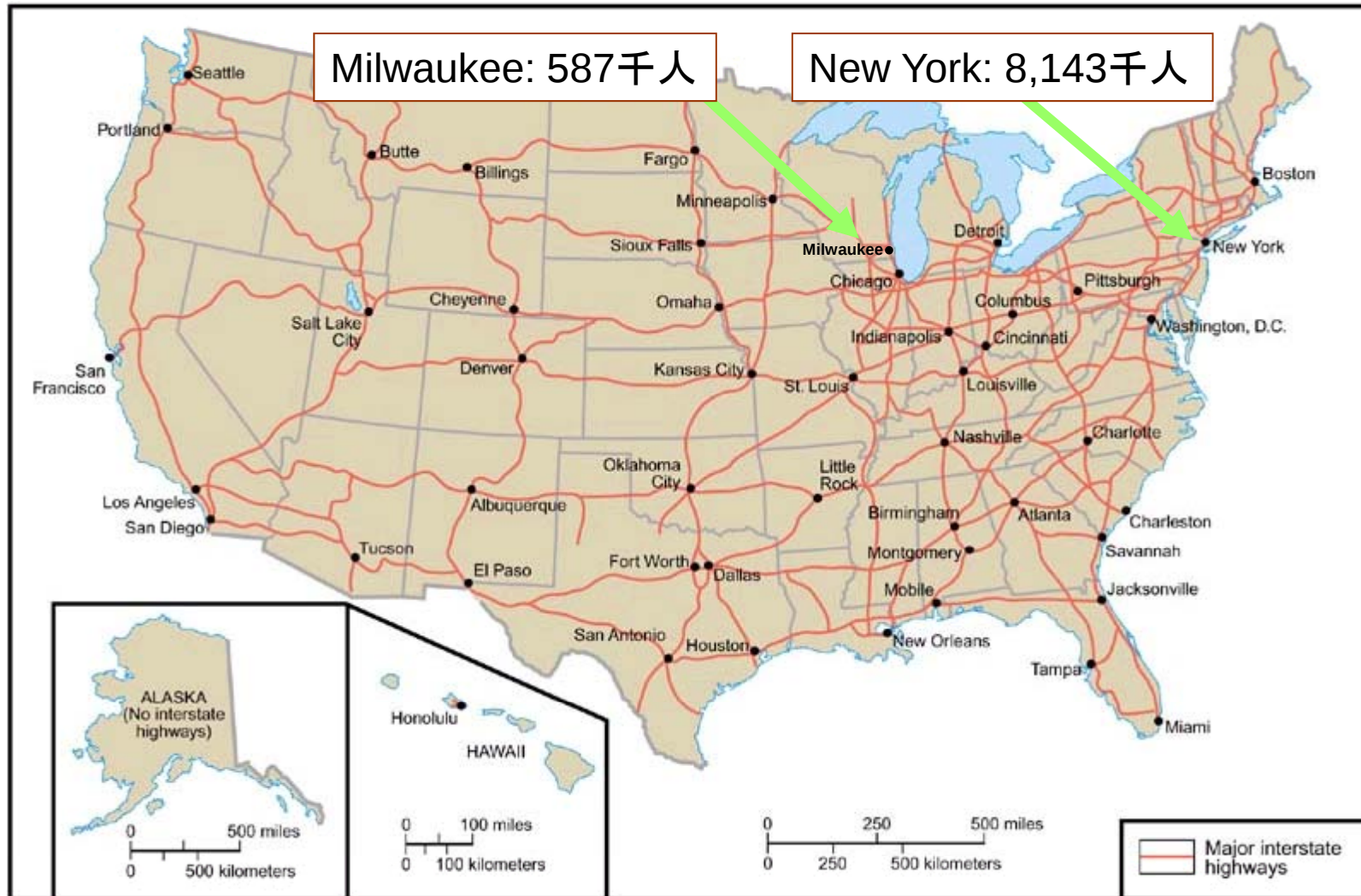
Very fragile structures

.... 都市D 都市B 都市A 都市C 都市E

Tokyo just before big earthquake



Interstate highway system



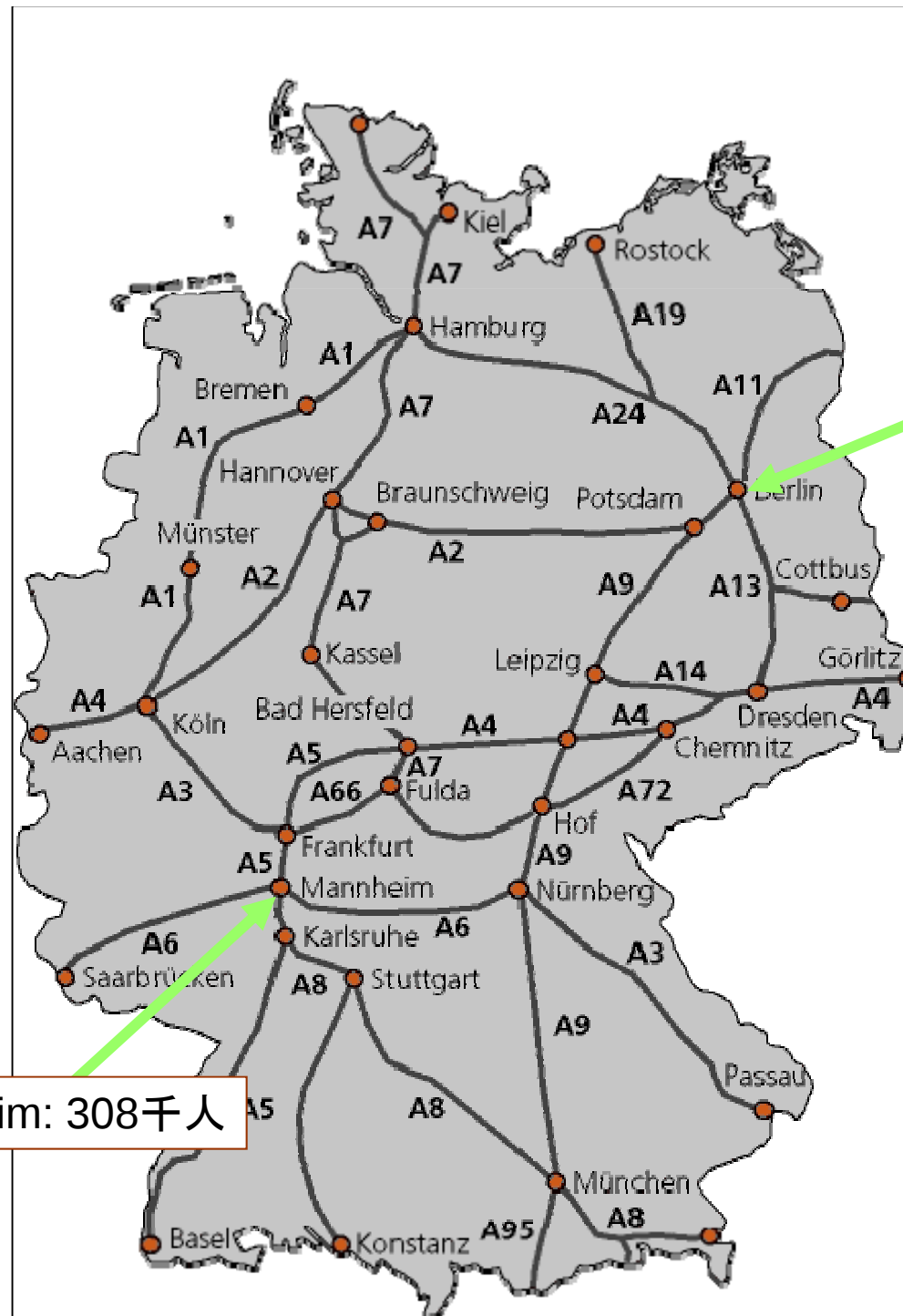
THE INTERSTATE HIGHWAY SYSTEM

United States of America

総人口:

290,809千人(2003年7月)

Autobahn



Berlin: 3,388千人

Mannheim: 308千人

Germany

総人口:

82,532千人(2003年12月)、