



# Cities and Flooding: Communicating the Risks and Connecting the Solutions around the Globe

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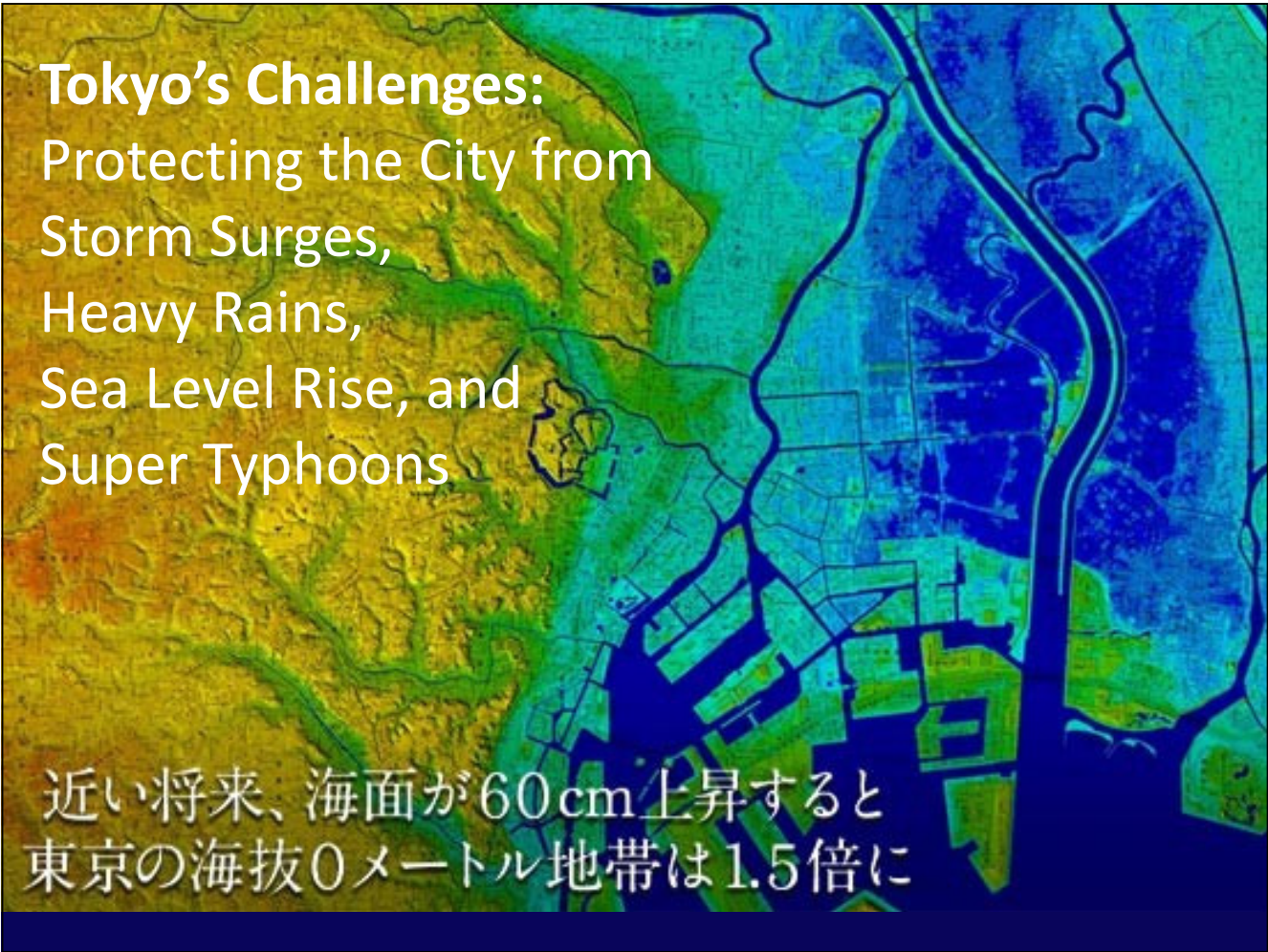


2015 NHK World TV Documentary on

# FLOOD

Part 1: A Global Menace for Coastal Megacities

Part 2: Protections for Megalopolis

A topographic map of Tokyo and its surrounding region. The map uses a color gradient to represent elevation, with higher elevations shown in yellow and orange, and lower elevations in green and blue. A prominent river system, likely the Tone River, is shown in dark blue, winding through the landscape. The city of Tokyo is visible as a dense network of roads and buildings in the lower right quadrant.

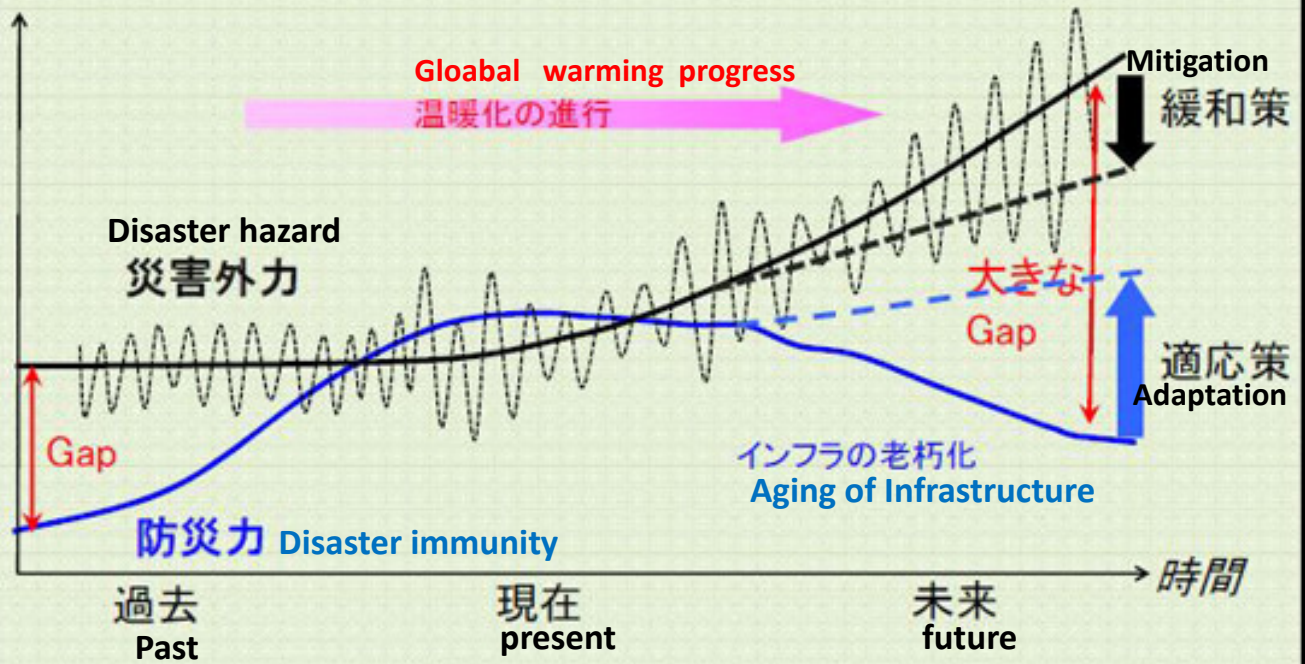
**Tokyo's Challenges:**  
Protecting the City from  
Storm Surges,  
Heavy Rains,  
Sea Level Rise, and  
Super Typhoons

近い将来、海面が60cm上昇すると  
東京の海拔0メートル地帯は1.5倍に



# 緩和策と適応策

Mitigation and Adaptation



Prof. Komatsu Kyusyu Univ.  
(九州大学小松教授資料, 2012)

## New York (BIG-U)



# HafenCity Hamburg



## What Do We Learn?

- Co-benefits, including local amenities that take people's happiness into account
- Integrated and Transdisciplinary, unifying segmented systems
- Focus on Resilience, including Hard and Soft Measures

Transforming Old Infrastructure into New Infrastructure through Quality

# **Communicating and Connecting: Roles of the Media**

- **Targeted and Appropriate Warning and Awareness**
- **Evidence and Knowledge**
- **Building Public Incentives**
- **Highlighting Successful Models**