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

Recognizing the Limits of Current Infrastructure
There are several Weak Points
Mitigation and Adaptation

Global warming progress

Disaster hazard

Disaster immunity

Past / Present / Future

Prof. Komatsu Kyusyu Univ.

New York (BIG-U)
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