A China Perspective of City Resilience:
A recovery from COVID-19

Saini Yang
Beijing Normal University
Academy of Disaster Reduction and Emergency Management
Recap of COVID-19 in China

Wuhan is in the central part of China, with a population about 15 million. More than 5 million people left Wuhan before Jan. 23, 2020.
Cumulative Cases of 30 province in China’s Mainland

A China Lens

All governments, all societies for Recovery

- Rapid epidemic investigation and information sharing
- Control transmission
  - Initialize the city/community/family level quarantine plan in early stage
  - Dynamic risk assessment and zoning
  - Popularize the knowledge of epidemic prevention
- Resource allocation
  - Hospital beds: 50,000 new beds by Feb. 15th, 2020, 100,000 new beds by Feb. 20th, 2020
  - Medical Team: paired assistance program, 40,000+ Medicare people
  - Military force
  - Emergency Logistics
- Investment in research and development of drugs, vaccines, instruments
- Protect the vulnerable: Hospitals, Nursing houses, Prisons, ...
Risk Assessment and Zoning

《The guiding opinions on novel coronavirus pneumonia prevention and control in the district classification and scientific control and precision measures》

Announced by the Joint defense-joint control mechanism of the State Council (2020.02.18)

- Scientific prevention and control
- Precise policy implementation
- Regionalization and classification
  - Dynamic Risk Zoning
  - Diversified control measures and different schedules for factory resumption, school reopening, etc.
Ensures the safety of makeshift hospitals and designated hospitals.

In the design stage, the MEM offers suggestions for site selection, structure construction, emergency evacuation plans, etc.

In the operation stage, MEM offers supportive management to ensure safety.

- Rapid allocation of emergency relief supplies
- Guarantees the workplace safety of enterprises that produce anti-epidemic materials
- Provides local anti-epidemic assistance, including transferring affected people, transporting anti-epidemic supplies and disinfecting public venues
Lessons Learned

- Scientific guidance
- Systematic approach
- The determination to come back

Thank you!