



**Asia-Pacific
Economic Cooperation**

2019/EPWG/DIA/019

Agenda Item: 10B.1

APEC Research Center for Typhoon and Society Moves Forward

Submitted by: Chinese Taipei



**APEC Resilience Week
Taipei, Chinese Taipei
30 September - 2 October 2019**



APEC Research Center for Typhoon and Society (ACTS)



ACTS Moves Forward

Chinese Taipei

**APEC Resilience Week
Taipei
October 01, 2019**

Backgrounds: New challenges to livelihoods and economy development by natural disasters



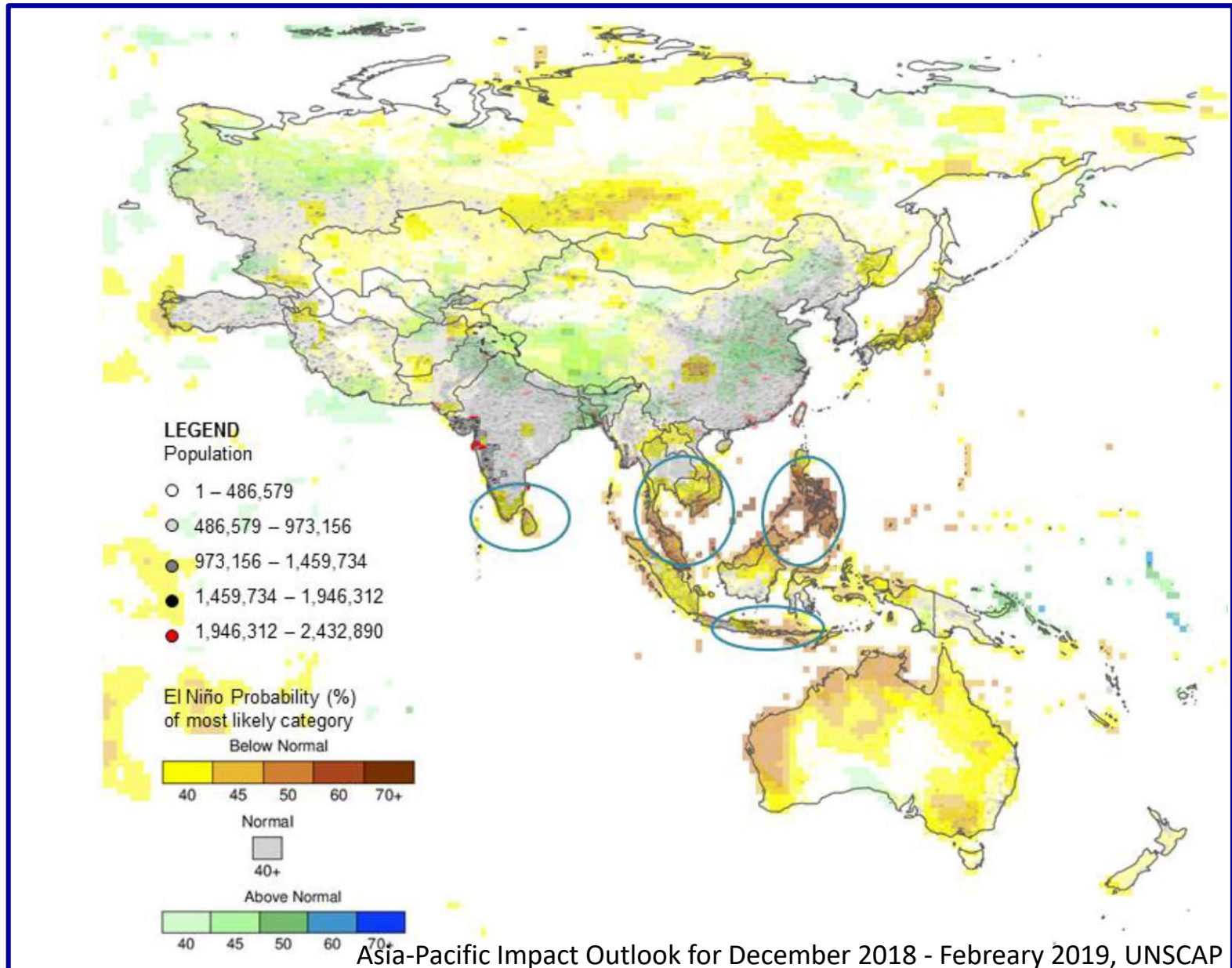
Population at risk of exposure was increased due to accelerating urbanization and climate change (Flood in the Philippines, 2009)



Due to expansion of the global economy, business activities exposed to risk is expanding. (Flood in Thailand, 2011)

Current Challenges - Population at risk of El Niño

for example: Droughts in APEC region



Backgrounds – “New Normal”



- How science, technology and research address “**new normal**”?
- How **policy and capacity building** are designed for disaster risk reduction?
- How can **science, technology and research** be applied to facilitate **DRR collaboration** between and among economies, the private sector, and regional organizations?

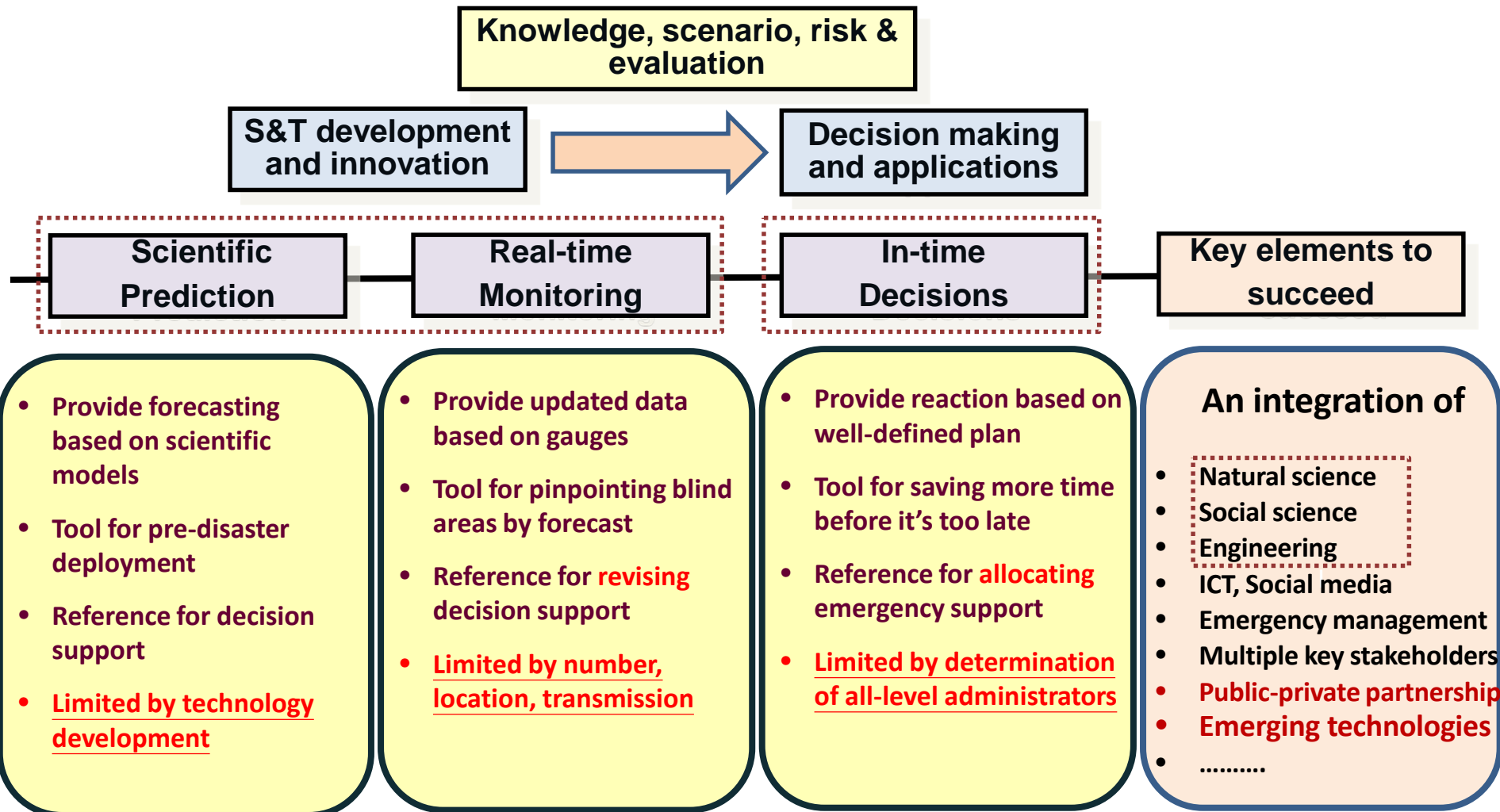
Home elevation after Superstorm Sandy in New Jersey



“new normal”

Expected topics to explore at ACTS 2019 Workshop

- From science to decision making and actions



- **Operation Continuity Plan (OCP) at government level**
 - Lifeline systems, public health, education, finance, critical infrastructure
- **Business Continuity Plan (BCP) at private sector**
 - Employees, customers, contractors, supply chain
- **Livelihood Continuity Plan (LCP) at communities**
 - Food, water, sanitation, incomes, security



- **Explore risks and find solutions through S&T**
 - APEC Resilient City, APEC Resilient Community
- **Offer best practices on enhancing resilience**
 - Technology for Capacity Building
- **Engage cross-fora collaboration by active dialogues**
 - PPSTI, EPWG, PPFS, SMEWG, TELWG.....
- **Provide in-depth looks at extreme weather event**
 - APCC, EPCC, ACTS,.....
- **Demonstrate what we have learned**
 - Electronic publications



Thanks for your attention

