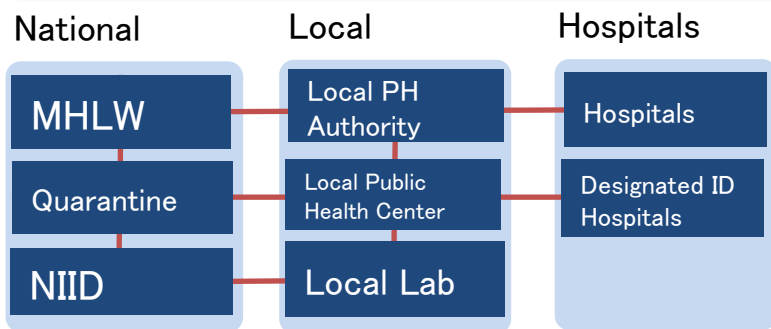


Research on Emerging Infectious Disease Preparedness and Response

Senior Chief Researcher Tomoya Saito MD, MPH, PhD

Enhancing Capacity for Emerging Disease Preparedness and Response: Vulnerability Assessment, Biosecurity Policy Research, Simulation Epidemiology and TTX

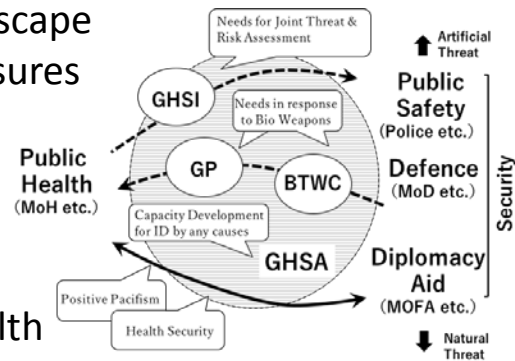
Vulnerability Assessment for Emerging Diseases Prep. & Response in Japan



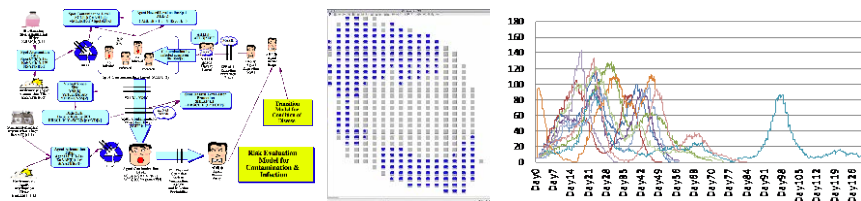
This study aims to develop indicators for vulnerability assessment of Local Govt. on Emerging Disease Preparedness & Response (funded by MHLW, 2016–18)

Global Biosecurity Policy Research

This research aims to reveal the global policy landscape & strengthening measures of global emerging disease preparedness & response with an interdisciplinary concept of public health and security (biosecurity). (funded by MEXT, 2015–17)



Simulation Epidemiology for Pandemic Prep.



We created an individual-based model of Influenza endemic in an island to develop an analysis tool of local epidemic dynamics and effectiveness of interventions. (funded by MEXT, 2015–19)

TTX Kit for Pandemic Flu Preparedness



“Facilitator’s Guide”

TTX in MHLW/ Local Govt.

We developed a TTX tool Kit for Pandemic Flu for enhancing collaboration of local gov. & medical experts. (funded by MHLW, 2014)