

【Issues related to technology】

1. **Data collecting system**
 - Utilization of various **sensing technologies and ideas** such as one coin size sensor
 - **Technologies for searching few treasure** among a large amount of garbage
2. **Real-time monitoring and simulation** as prediction + **decision-making support system**
 - simulation in pre-disaster can make mitigation and preparedness plan refined.
3. **Medical check for urban growth management**
 - Infrastructure Inspection,,,,,
 - Urban vulnerability assessment

【Issues related to vision】

1. **Community and household Independence in disaster** to overcome the disaster through information sharing
 - Thorough effective utilization of local resources
 - The Balance of **Community-based autonomous system** and **centralized system**
 - **A kind of “ecosystem” in the disaster**
2. **Hybrid system of digital and analogue** such as local knowledge and information
 - Understanding each characteristics and utilization of each merit

【Issues related to approach】

1. **Collaboration with citizens is essential.**
 - **Visualization of effect and making citizen realize it in daily life**
2. **Natural connection of daily-use to emergency-use: “phase-free”**