

Hazard	Solution	Solution No.
All types of Hazard		
<b>Title of the Solution and Service</b>		
<b>SOCDA: AI Chatbot for Disaster Management</b>		

## 1. Overview and Advantage of the Solution and Service

### <Overview>

SOCDA is a AI based chatbot for disaster management and solves information gap between citizens and organizations that response to disaster such as local government. SOCDA, as a platform for information distribution between citizens and government, provides the following two main functions through a chat interface .

- ✓ Gathers information on situation of the disaster from citizens or field staff of the government. It categorizes and summarizes the information for decision-making of disaster management.
- ✓ Provides citizens with personalized notifications, questions, and answers to help them respond to disasters.

### < Advantage >

- ✓ SOCDA can visually summarize a vast amount of information by using AI text analysis engine.
- ✓ SOCDA can answer a question which be written in free text. It supports access to disaster information such as evacuation orders, shelters locations and damage assistance.
- ✓ SOCDA can provide individualized and optimized information to each citizen based on their location and situation by using AI algorithm and GIS technology.

## 2. Sample Images of the Solution / Service

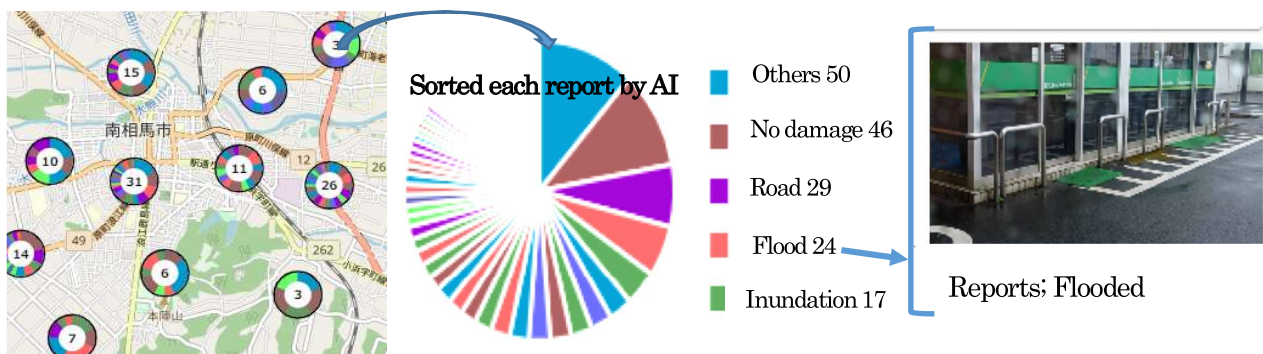


Figure.1 Gathering/Summarizing disaster information



Figure.2 Provide information about evacuation

## 3. Experience of Overseas

**Feb. 2021- : 5 countries in East Africa (with UNESCO Nairobi office)**

## 4. Contact Information

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