Development of the crisis navigator for individuals

Realtime support system for emergency medical care and disaster response in cooperation with information infrastructure

Project Leader : Yuichiro SAKAMOTO   Professor, Department of Emergency and Critical care Medicine Faculty of Medicine, Saga University

R&D Team : Saga University, NEC Corporation, Kokusai Kogyo Co., Kimura Information Technology Co., Bird's View Inc

Summary :

From experience of the unprecedented major earthquake, Japan learned that the management of important information which becomes "the key to disaster prevention" must be prepared from peacetime. It includes personal health record, hazard map, and image of the disaster or emergency site.

We are fusing these pieces of information from peacetime and providing them for disasters. In particular, we will construct a system that centrally manages these information and distributes images in real time with the drone. By using this system from peacetime, it can be utilized familiarly in the event of a disaster.

Our system realizes grasping people who need assistance, predict the danger area from the hazard information, and monitoring disaster site in real time. We believe that it brings us to a safe and secure society.

1) To unify information in peacetime and to realize safety and security on disasters
2) To build a crisis response navigator to each person
3) Provide peace of mind by hazard prediction

Collect PHR and hazard information, and utilize them

On disasters — Information of disaster — Real-time image

In peacetime — Dangerous area — Site & traffic conditions

Browse with the same GUI

Shoot and distribute images with drone