

ICT for Disaster Management and Mitigation

Research Projects in the 2nd Medium-Term Plan (FY2006-2010)



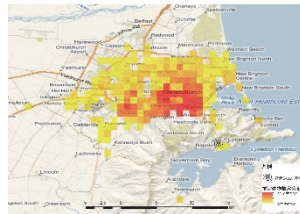
"Easy Reporter" – An Application of Cellular Phones for Information Collection and Transmission at the Disaster On-site



Collaboration with
Nat'l Research
Inst. of
Fire and
Disaster

Applied to pilot
survey in Kamaishi,
Iwate, 2011

Earthquake Damage Estimation System with Broadband Satellite Communication Technology to Support International Rescue Operations



Estimation result of earthquake in
Christchurch, New Zealand, 2011



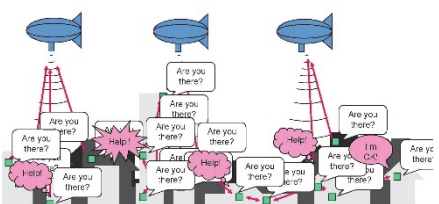
Japan – Thailand demo.
by JDR team, 2010

Disaster Information Collection using LTA type UAV

Collaboration with JAXA



Demo. in Taiki,
Hokkaido, 2007



Wireless Technology for Search Robots in Confined Space

Funded by NEDO



Demo. in Sendai
station, Miyagi, 2007



Applied to unmanned survey in
Fukushima Nuclear Power Station, 2011



Assurances for Safety and Security by Accurate Positioning using RFID

Funded by JST



RFID installed benchmark, Nagareyama, Chiba



On-site disaster investigation terminal

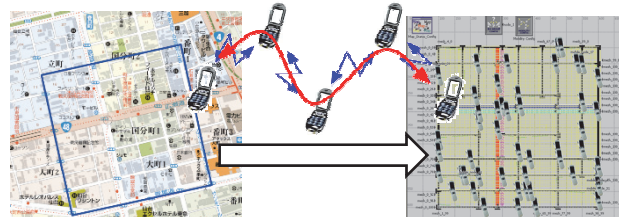
FM Transmitter as Landmark using Specified Low Power Radio



Installed in Onagawa temporary houses for
tsunami victims in Ishinomaki, Miyagi, 2011

Network Simulation of Ad-hoc Multi-hop Mobile Terminals for Large Scale Urban Disaster

Funded by MIC



Simulation based on actual Sendai-city, Miyagi, 2007