







JSF

response

disasters

detect disasters.

Overview

Overview

For domestic preparedness, a sensor is a device that detects a natural disaster and forwards that information into systems that evoke a $% \left({{{\rm{A}}_{\rm{B}}} \right)$

Sensors have been developed to detect the very moment a disaster

systems that distributes, gathers, and processes information about

begin, and some of these sensors are already in place, most nations throughout the world still rely primarily on their own human senses to

Sensors: devices used to detect/sense a physical quantity temperature, pressure, change of state, and/or movement

- Open Geospatial Consortium (OGC [http://www.opengeospatial.org]) is a very active U.S.-based organization that focuses on the development of open standards for sensor networking
- > OGC has five SWE (Sensor Web Enablement) specifications, and harmonizes its work with other geospatial standards and standards developers, includ-ing the standards developer IEEE (Institute of Electrical and Electronics Engineers), which has produced voluntary consensus standards for developers of intelligent transducers (sensors) and their information-sharing interfaces. (See a family of IEEE 1451 standards at http://standards.ieee.org/sds/index.html.)





monitoring of large areas

G. Pastorello, G. Sanchez-Azofelfa, M. Nascimento, "Enviro-Net: Fro of Ground-Based Sensor Systems to a Web Platform for Sensor Data Management, Sensors, 2011, 11, 6454-6479, ISSN 1424-8220.







Seminar Human Factors, Logistics & SensorTechnology in Emergency Management













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