

ICT FOR DISASTER RISK REDUCTION & EARLY WARNING



Objective:

To reduce the risks and consequences of natural disasters and develop early warning and alert capacities...

... by supporting multi-national & multi-disciplinary applied research on the integration of advanced information and communication technologies (ICT), systems and services for mitigating, managing and responding to environmental risks and disasters.

Current Advances:

- Sensor networks for environmental monitoring;
- Open architectures for improving data, model & systems interoperability;
- Early warning and alert systems
- Decision support systems for disaster and emergency management
- Public safety communication to/from the citizen;
- Rapidly deployable emergency telecommunications;

Related Initiatives:

- INfrastructure for SPatial Information in Europe (INSPIRE);
- Global Monitoring for Environment and Security (GMES)
- Group of Earth Observation, Global earth Observation System of Systems (GEO/GEOSS)
- UNESCO-International Oceanographic Commission (IOC)

More information:

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<http://emmfp6.cordis.lu/>



European Commission
Information Society and Media



Information Society
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