

Building e-resilience: Enhancing the Role of ICTs for Disaster Risk Management. A report for ESCAP

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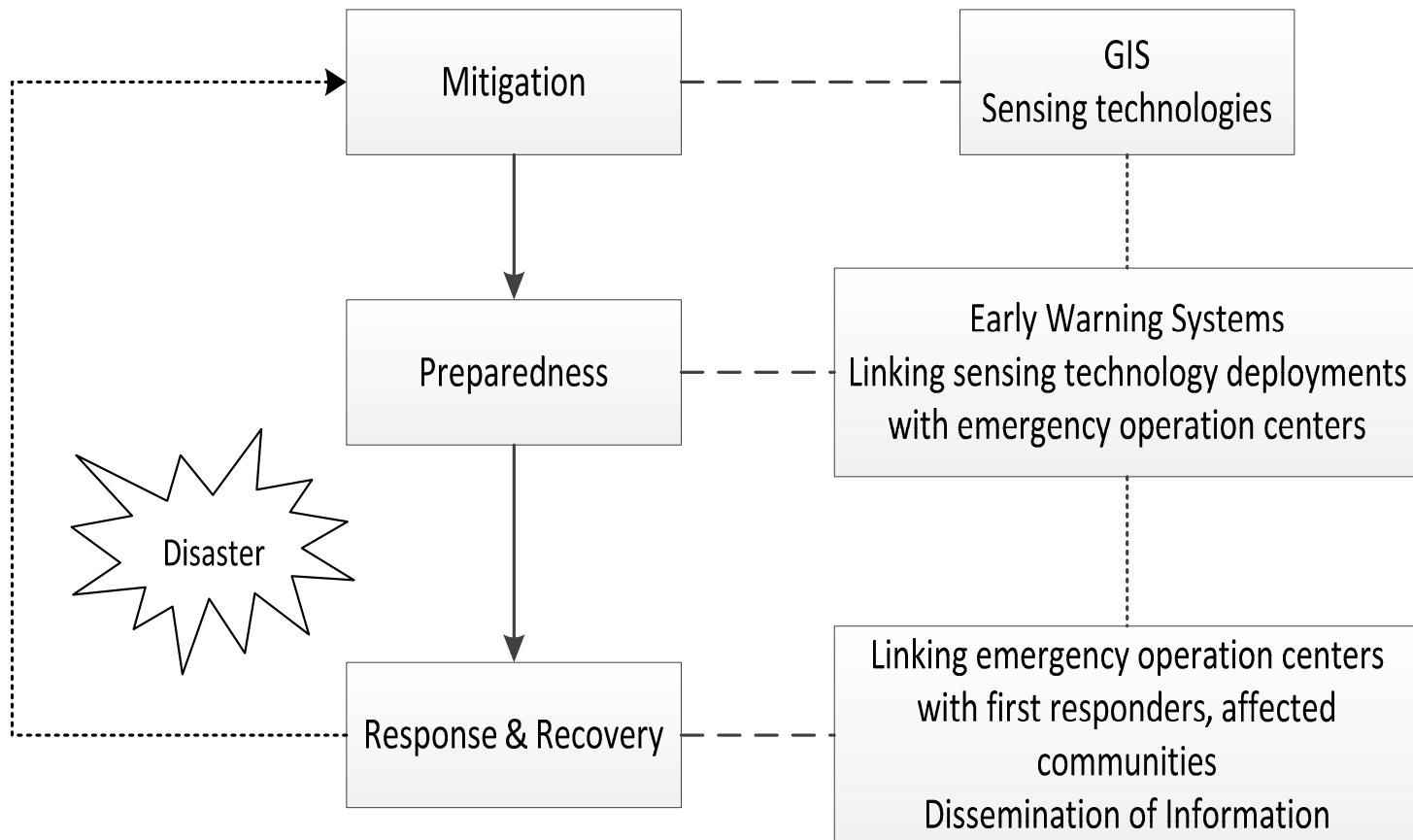
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Sustainable Development Goal 9.1

- Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans- border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

Examples of ICT applications



Recommendations for international/regional organizations

- Enable policies conducive to resilient mesh networks across the Asia Pacific for international backhaul of ICT services that include terrestrial and maritime components
- Encourage coordination among different parts of UN system to increase resilience of all infrastructures, including ICT infrastructures
- Engage with member governments to impress upon them the concepts of inter-dependent and critical infrastructures and the need to transcend silo thinking
- Commission studies on the feasibility of risk pooling to enable the introduction of insurance as a risk-mitigation instrument



Recommendations for national governments

regional efforts on resilient infrastructures and
finance as a risk-mitigation instrument
mainstream risk reduction (DRR) into development

enhance cooperation among different parts of
government responsible for resilient infrastructures

promote technological innovations for disaster mitigation and
resilience, including GIS and, in particular, introduce ICT-based
solutions to the electricity grids and distribution networks
to enhance the resilience of the power infrastructure