

# Roadmap for improved disaster management

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# GEOSS Targets and Achievements



**By 2015:**

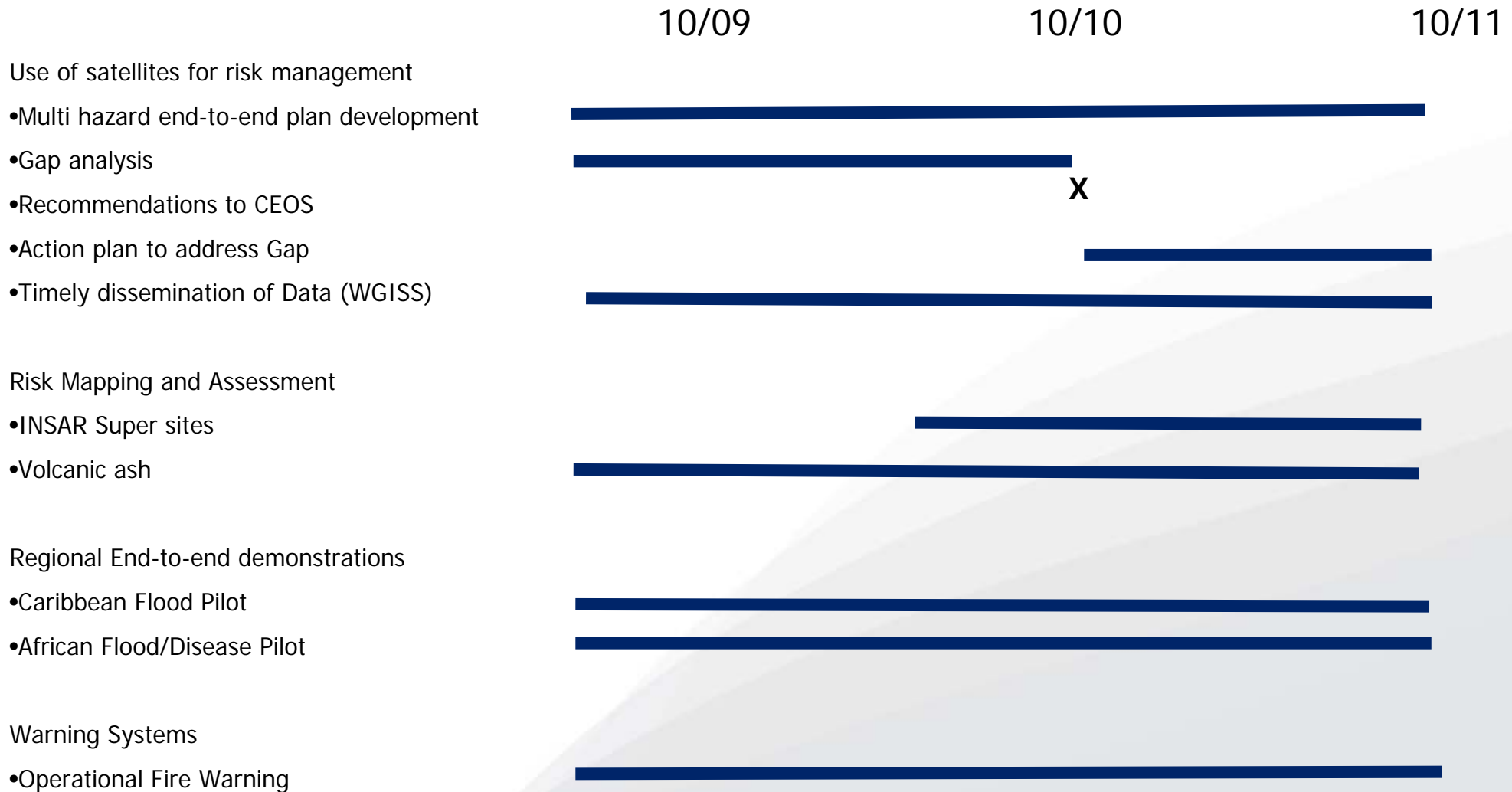
- ❖ **More timely dissemination of data in support of full cycle of disaster management at local, national and regional levels**
- ❖ **Development of a multi-hazard, end-to-end approach for disasters**
- ❖ **Support implementation of Hyogo Framework**

# CEOS Contribution to GEO Disaster Tasks



- ➔ • **DI-06-09: Use of Satellites for Risk Management**
- **DI-09-01: Systematic Monitoring for Geohazards Risk Assessment**
  - ➔ ○ a) **Vulnerability Mapping and Risk Assessment**
  - b) **Seismographic Networks Improvement and Coordination**
- ➔ • **DI-09-02: Multi-Risk Management and Regional Applications**
  - a) **Implementation of a Multi-Risk Management Approach**
  - ➔ ○ b) **Regional End-to-End Disaster Management Applications**
- **DI-09-03: Warning Systems for Disasters**
  - a) **Tsunami Early Warning System of Systems**
  - ➔ ○ b) **Implementation of a Wildland Fire Warning System at Global Level**

# Disaster Management Roadmap



# Deliverables for 2010



- ❖ **Gap analysis for flood**
- ❖ **Video on use of satellite data in disaster management**
- ❖ **Data dissemination model**
- ❖ **Agreement with key CEOS agencies on data for supersites**
- ❖ **Phase I of Caribbean flood pilot**
- ❖ **Phase I of African flood pilot**
- ❖ **Plan for global fire warning using polar orbiting satellites**