





Disasters in Asia and Pacific

- Of the total natural disasters in the world, the Asia and the Pacific region included 90% of those, 65% of death, and 38% of economic damage (2001 -2010)
- UNDP
 - 24 out of 49 LDCs, most of which are in Asia and the Pacific, face high levels of disaster risk
- The vulnerability of economically challenged Least
 Developed Countries (LDCs), Land-locked Developing
 Countries (LLDCs) and Small Island Developing States (SIDS)
 is a crucial issue due to
 - lack of Disaster Preparedness Mechanism and
 - gaps in baseline geospatial data

17/07/2012

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Hyogo Framework for Action

- 168 countries during World Conf. on Disaster Reduction in Kobe, Japan in January 2005
- Hyogo Framework for Action (HFA) targeted to reduce disaster losses – lives, social, economic, and environmental assets by 2015
- Substantial progress but there is a lot still to be achieved in next 4 years
- Basic Needs for DRR
 - a national facility for georeferenced maps

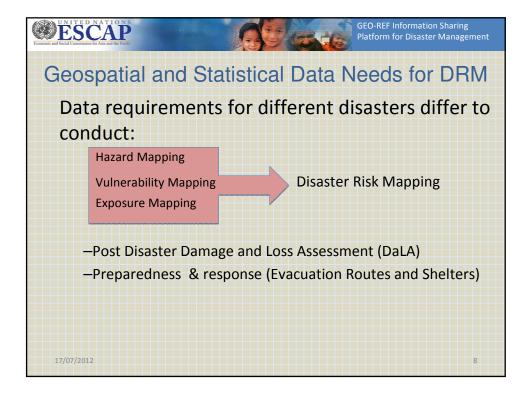
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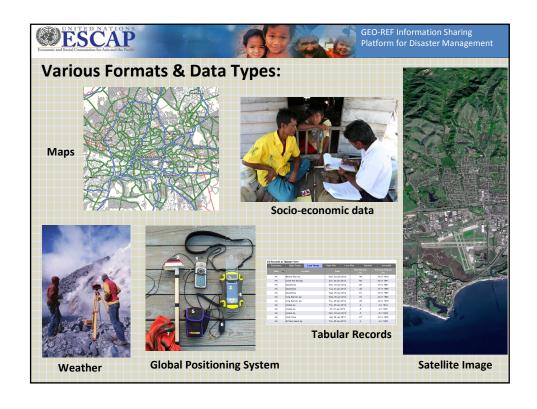


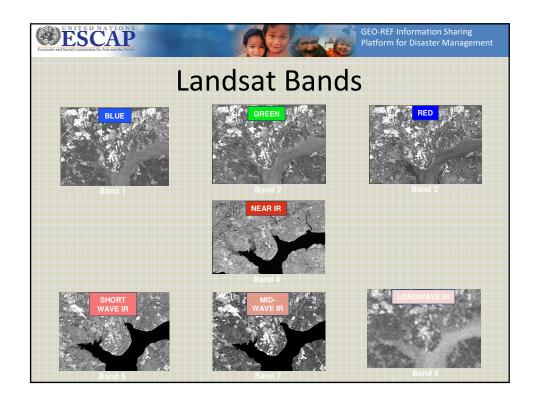
- HFA Priority 2 states
 - identify, assess and monitor disaster risks and enhance early warning
- These objectives need satellite data
 - Various sensors and various space platforms
 - · Different resolution
 - Different scene geometry
- Necessity to make them compatible for overlay for analysis and finding the desired information on extent and magnitude of hazards, producing maps of exposure, vulnerability and risk for mitigation
- · Possible only by georeferencing

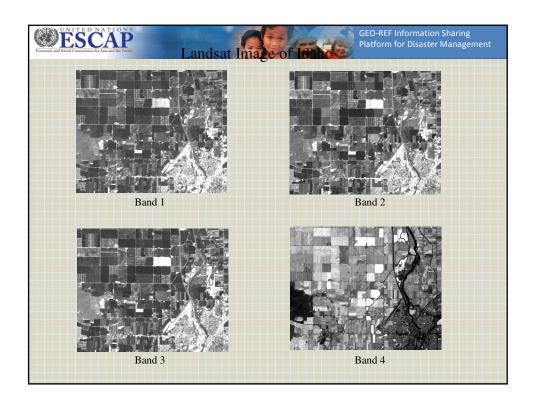
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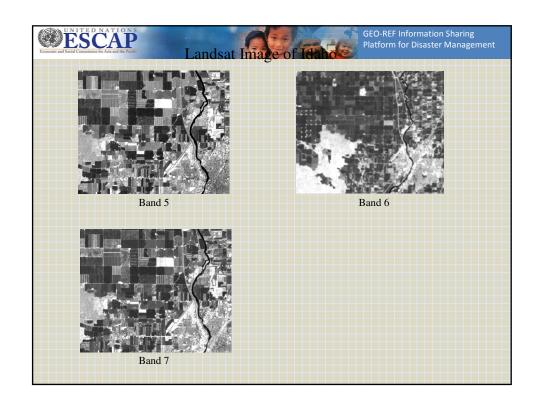
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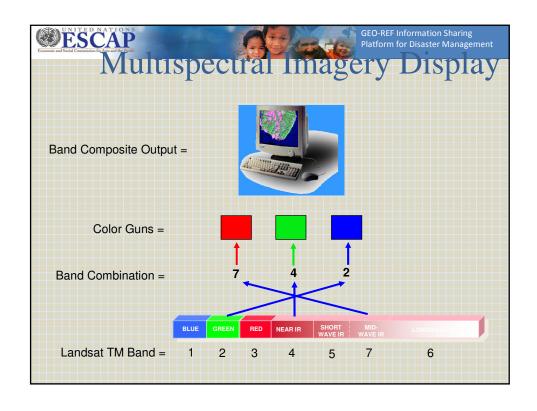


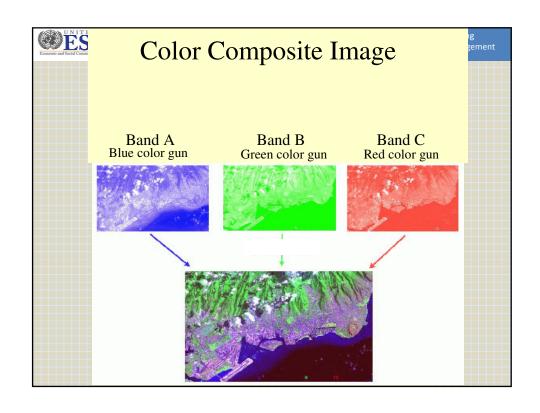


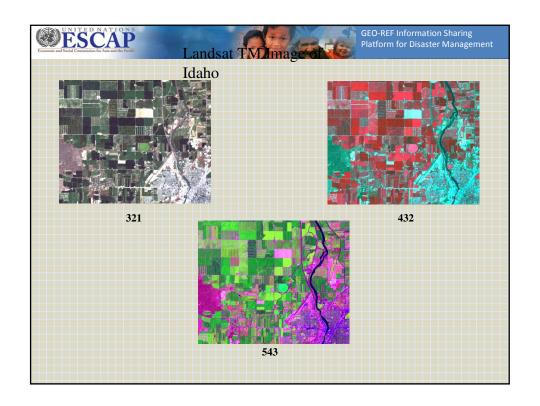


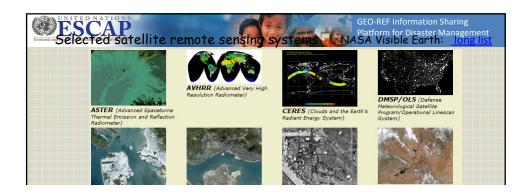












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