





Flood Disaster Risk Reduction				
Phase	Data type	Resolution (meters)	Time Span	Sensor Types
Emergency Response	Flood mapping	10 - 1000	Days	RADAR, Optical
	Damage mapping	1 - 10	Days	Optical
Post Disaster (Risk Assessment)	Land Use	10 - 1000	Months	Optical
	Geomorphology	10 - 30	Years	Optical
	Topography	1 - 10	Years	InSAR & Optical
Pre-Disaster (Early Warning)	Rainfall	1000	Hours	Weather
	topography	0.1 - 1	Months	GPS-tellitosAR
Asian C	i	an 2010 17 20 Tan	uany 2010 Kab	







![](_page_3_Figure_1.jpeg)

![](_page_4_Picture_0.jpeg)

![](_page_4_Figure_1.jpeg)

![](_page_5_Figure_0.jpeg)

![](_page_5_Picture_1.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Figure_1.jpeg)

![](_page_7_Figure_0.jpeg)

![](_page_7_Picture_1.jpeg)

![](_page_8_Figure_0.jpeg)

![](_page_8_Figure_1.jpeg)

![](_page_9_Figure_0.jpeg)

![](_page_9_Picture_1.jpeg)

![](_page_10_Picture_0.jpeg)

![](_page_10_Picture_1.jpeg)

![](_page_11_Picture_0.jpeg)

![](_page_11_Picture_1.jpeg)

![](_page_12_Figure_0.jpeg)

![](_page_12_Picture_1.jpeg)

![](_page_13_Figure_0.jpeg)