

ASEAN IWRM PERFORMANCE REPORTS & MONITORING INDICATORS

Malaysia Summary Report (Flood Management)

IWRM Issue 4 - Flood Management (15 indicators)			
Indicator Types	Indicators	2010	2013
Outcome Indicators	1. Total area affected by flood (target reduction in flooded area)	3329800 ha (Target Reduction in 2010: 186446 ha)	(Target reduction: 50964 ha)
	2. Total number of people affected by flood (target reduction in the number of people/households affected by flood)	4,193,934 people (Target Reduction in 2010 : 430,243 people)	3,089,580 People (Target reduction on 2013: 308,500)
	3. Annual cost of flood damages	RM36,017.33	
	4. Percentage of annual national budget allocated to flood management	2.97 %	0.64%
	5. Percentage of flood-prone areas in the country covered by early flood warning systems	5 %	10%
	6. Percentage of flood-prone areas in the country covered by real-time flood monitoring system	40%	50%
EE Indicators	1. Any "Policy" on flood management and river conservation	2	5
	2. Any "Legislation/Regulations" on flood management and river conservation	NA	1
IS Indicators	1. Any flood management regulatory agencies	1	1
	2. Any institutional arrangements among related agencies to manage flood	8	8
MT Indicators	1. Any implementation of Integrated Flood Management (IFM) approaches involving the use of structural and non-structural flood mitigation measures	1	2
	2. Any program to develop flood hazard and flood risk maps	8	8

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	3. Any river basin flood zoning and land use planning	3	3
	4. Any program to control the loss of existing low-lying flood detention areas to development	3	5
	5. Any climate adaptation program to mitigate the potential impacts of extreme floods due to climate change	1	3