



MICRODIS



MICRODIS FIELD STUDY: Bojonegoro, Indonesia

LEAD INSTITUTION: University of Indonesia

OBJECTIVES OF STUDY

- > To know basic health status prior to flood
- > To know magnitude of flood related health problems
- > To identify determinants of flood related health problems
- > To know magnitude of flood related economic and psychosocial problems
- > To know knowledge, attitude, practice and believe related to flood
- > To know government policies/programs related to flood management.
- > To know health service facility and program related to flood.



METHODOLOGY OF STUDY

- > Population-based cross-sectional study
- > Qualitative study using FGD and Indepth Interview
- > Secondary data collection reviewing health profile



Selected Survey Sites marked by post it



THE TOP 5 SYMPTOMS EXPERIENCED				
Post Flood** Symptoms	Flooded (n:493) %	Recent** Symptoms	Flooded (n:290) %	Non Flooded (n:244) %
Skin Itches	42,3	Cough with/h without cold	47,9	42,5
Cough with/h without cold	39,1	Headache	32,0	32,0
Fever	37,9	Fever	31,4	27,6
Headache	30,5	Muscle and joint pain	19,3	20,1
Muscle and joint pain	17,6	Upper gastro-intestinal problems	13,4	13,3

THE TOP 9 ACUTE DISEASES REPORTED				
Post Flood* Diseases	Post Flood (n:54) %	Recent* Diseases	Flooded (n:42) %	Non Flooded (n:24) %
Dengue Haemorrhagic Fever	13,0	Dengue Haemorrhagic Fever	9,5	0,0
Acute Respiratory Infection	9,3	Eye Infection	7,1	0,0
Acute Asthma Attack	5,6	Skin Infection	7,1	3,8
Eye Infection	3,7	Hepatitis	4,8	0,0
Skin Infection	3,7	Acute Respiratory Infection	4,8	28,7

MORBIDITY & NUTRITION STATUS AMONG UNDER-FIVE CHILDREN				
Disease Outcome	Flooded (n:79)		Non-Flooded (n:70)	
	(%)	Mean of Event/yr	(%)	Mean of Event/yr
Fever	98,0	4,2	60,0	4,1
Diarhoea	29,3	2,0	30,0	1,8
Dermatitis	28,0	1,5	2,9	3,7
Nutrition Status:	n:25		n:44	
Undernourished - Weight for Age	44,0%		20,5%	
Undernourished - Height for Age	60,0%		23,5%	



INTRODUCING OUR TEAM

- Clock Wise:
- Researchers by the Bengawan Solo river
 - After discussion with Head of Mojo Village
 - Data Collector troop together with their operational vehicle