Supplementary material

Table: Indicator framework for developing critical thresholds for receiving external emergency assistance

Disaster impact characteristics	National response capacity	International response capacity	Exposure, vulnerability and capacity

a) Disaster characteristics
  (1) Duration (Days)
  (2) Area affected (km2)
  (3) Magnitude
b) Area characteristics
  (1) Provinces affected (no)
  (2) Villages affected (no)
c) People affected (No) [Deaths, Disabled, Displaced, Total]
  (1) People affected (by economic class)
    (1) Poor
    (2) Middle class
    (3) Rich
  (2) People affected by demographic class (Number)
    (1) Male
    (2) Female
    (3) Children
    (4) Elderly
  (3) Animals (cattle, poultry etc., number)
d) Damage to infrastructure
  (1) Houses
  (2) Bridges and roads
  (3) Hospitals
  (4) Critical infrastructure
e) Damage to environment
  (1) Soil erosion/degradation (ha)
	a) Time taken for initiating (Hr/Days)
	  (1) Early warning
	  (2) Evacuation
	  (3) Rescue
	  (4) Relief
	  (5) Rehabilitation
	  (6) Recovery
	  (7) For complete recovery
	b) Number of rescue & relief workers (no/1000 population)
	  (1) Local government
	  (2) Prefecture
	  (3) National government
	  (4) Military
	  (5) NGOs
	  (6) Private sector
	  (7) Voluntary civil workers
	c) Number of doctors/medical workers (no/1000)
	  (1) Local government
	  (2) Prefecture
	  (3) National government
	  (4) Military
	  (5) NGOs
	  (6) Private sector
	  (7) Voluntary civil workers
	d) Beneficiaries (No of people who received)
	  (1) Evacuated
	  (2) Relief
	  (3) Recovery/compensation
	  (4) Medical support
	  (5) Psychosocial support
		a) Time taken for initiating (Hr or Days)
		  (1) Early warning
		  (2) Evacuation
		  (3) Relief
		  (4) Date relief request sent
		  (5) The day relief landed in the country
		  (6) Rehabilitation
		  (7) Recovery
		  (8) For complete recovery
		b) Number of rescue & relief workers deployed (no/1000 population)
		  (1) Japan
		  (2) All other foreign countries
		  (3) Name of countries
		  (4) Military
		  (5) Non-governmental/voluntary contributions
		  (6) private sector
		c) Beneficiaries (No of people who received)
		  (1) Evacuated
		  (2) Relief
		  (3) Recovery/compensation
		  (4) Medical support
		  (5) Psychosocial support
		d) Total relief expenditure (Million USD)
			a) Demographics
			  1. Total population, male, female, children, elderly etc.
			  2. By economic category (below poverty line, middle class, rich etc.)
			b) Health
			  1. No of hospital beds
			  2. No of doctors
			  3. No of ambulances
			  4. % of population with access to health facilities
			c) Disaster relief and response capacity
			  1. % of people with access to evacuation facilities
			  2. No of evacuation centers
			  3. No of trucks
			  4. No of boats
			  5. No of mass communica

(2) Forest degradation (ha) (3) Loss of wild life (number) f) Economic damage (1) Overall GDP Loss (2) Household / livelihoods (3) Household / assets (4) Private sector (5) Insured losses	e) Total relief expenditure (Million USD) f) Immediate relief (million USD) (1) Local governments (Million USD) (2) National govt. (3) Non-governmental/voluntary contributions (4) Private sector		tion equipment 6. No of water tankers 7. % people with access to water 8. Staff trained in DRR 9. No of fire brigade staff 10. Civil defence forces 11. DRR funds d) Vulnerability & exposure 1. % population living in flood affected areas 2. % population in coastal areas 3. % of non-permanent houses 4. % of houses in hazard prone areas 5. % critical infrastructure in hazard prone areas

Source: Authors