# **DISASTER EVALUATION TYPOLOGIES:**

**Comprehensive Framework** 

EVALUATION STANDARDS AND GUIDELINES Responsible and ethical evaluation practice

**EVIDENCE-BASED REVIEWS AND REGISTRIES** 

Rapid Needs Assessment (Damage), e.g. Day 1

KNOWLEDGE MANAGEMENT

Cross-sectoral collaboration, translation and dissemination

### **BASELINE TYPOLOGIES:**

- Baseline Evaluations/Assessments
- Demographics, Infrastructure (GIS) and existing Common Statistical and Operational Databases
- Epidemiology and Emerging Threats
- Define Minimum Standards/Criteria:
   Baselines, Targets and Indicators, Disaster Risk Reduction Targets and Indicators (Sendai)
- \* H-EDRM (WHO)
- Preparedness, Resilience Capacity (Sendai)
- Risk Management, Surveillance and Early Warning
- Health Impact Assessment (HIA) Predictive

## **CONSEQUENCE TYPOLOGIES:**

Detailed Needs Assessment (Functional), e.g. Days 2 - 3

Continual Assessments: Monitoring and Surveillance

Post Disaster Needs Assessment (PDNA)



### **OUTCOME TYPOLOGIES:**

- Operational/Strategic/Institutional Reviews (Internal): Debrief, After Action Reviews, Lessons Learned
- Quality Reviews (External):
   Audit, Key Performance Indicators, Quality Improvement
- Government Inquiries
- Multi-Disciplinary Event Reports/Reviews
- Process and Outcome Evaluations
- Health Impact Assessment (HIA) Evaluations
- Accountability
- \* Monitoring and Evaluation Frameworks and Indicators for Disaster Recovery

## STRENGTHENING RESILIENCE

System: structure; governance; coordination; and leadership "Culture of Safety": risk reduction; prevention; and mitigation

Reduce exposures and vulnerabilities; build anticipative, absorbing and adaptive capacities; and promote community development (Bahadur, 2015) Sendai Framework (2015); Sustainable Development Goals (2015); Climate Change Conference (2015); World Humanitarian Summit (2016); Habitat III (2016); International Health Regulations (2005); GFDRR Recovery Framework; Rockefeller 100 RC Framework; and Resilience Indices

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PRE-EVENT STATUS	HAZARD	RISK REDUCTION	E	DAMAGE		DISRUPTION, CHANGE IN FUNCTIONS, CONSEQUENCES			RESPONSE (respond & adapt) Rescue, Surge, Relief				POST-EVENT STATUS	
			N T						RECOVERY (recover, grow/thrive/transform) Reconstruction, Renewal, Regeneration, Rehabilitation, Development					
						Early reco	rery		Persistent recovery					
PRE-EVENT IE +/- C EVENT														
		Impact Evaluations +/- Causality of		POS	T-EVEN	TIME							<b>──</b> TIME	
		Interventions												
BASELINES				CONSEQ				JEN	NCES			OUTCOMES		