







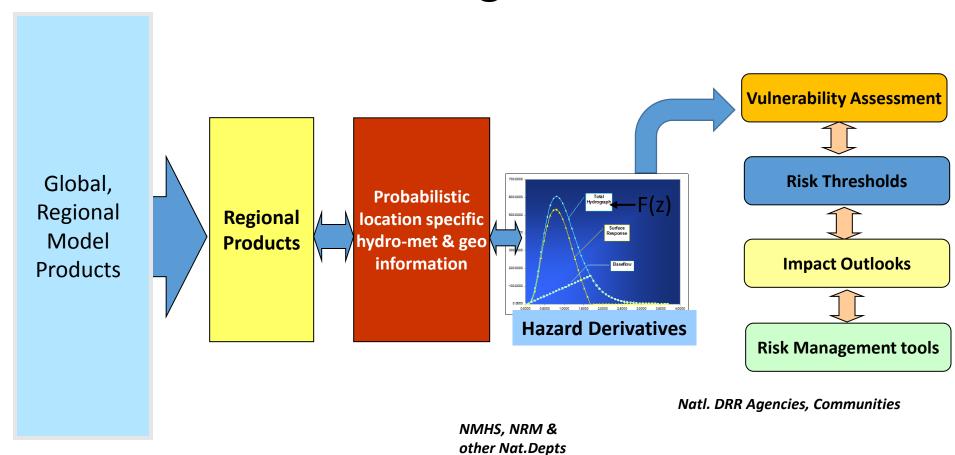
Flagship Projects

Bapon Fakhruddin

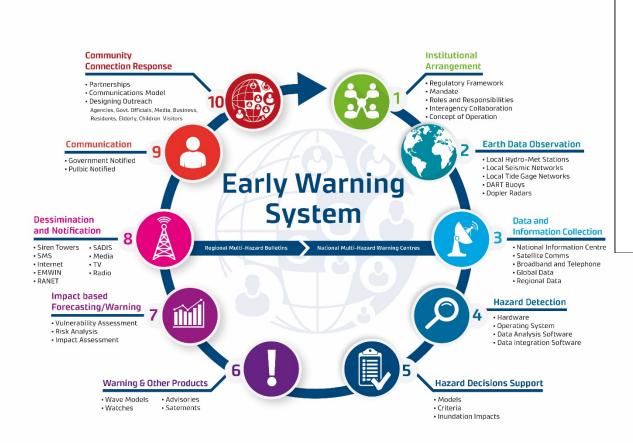
16th Science Committee Meeting, Sanya, China

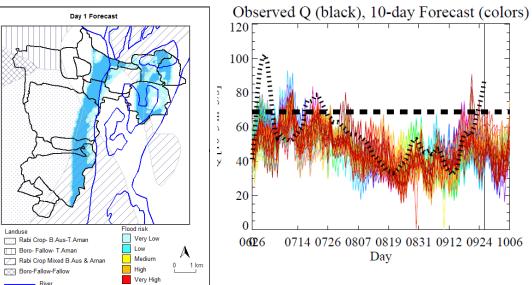
29-30 November 2016

Connecting Science, Institutions and Society for an Integrated DRR



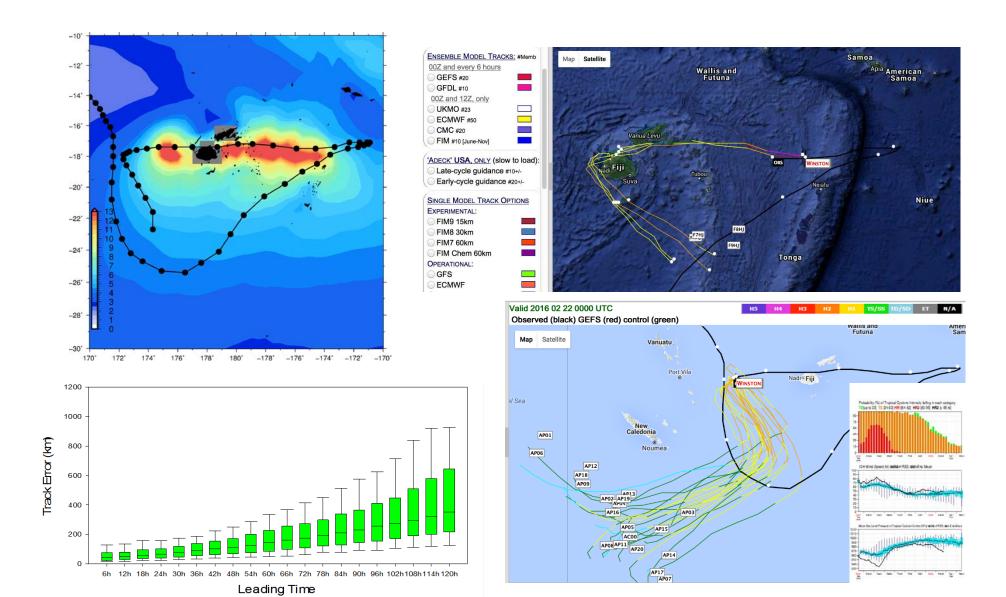
End-to-End Impact Based Early Warning System



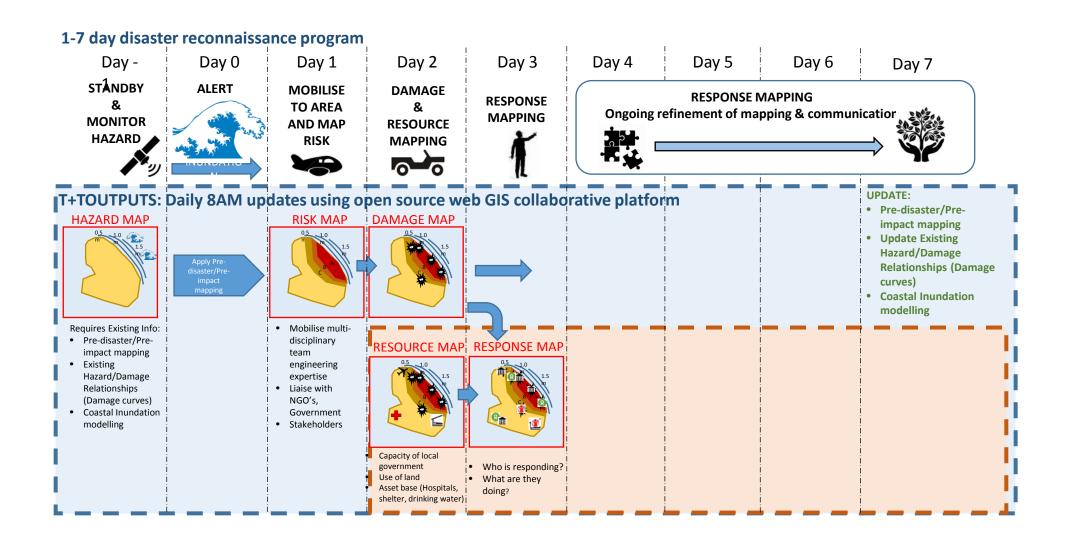


Disasters	Сгор	Stages	Season / month	Impacts	Time of flood forecast	Alternative management plan
Early flood	T. Aman	Seedling and Vegetative stage	Kharif II Jun - Jul	Damage seedlings Damage early planted T. Aman Delay planting Soil erosion	Early June	Delayed seedling raising, Gapfilling, skipping
	T. Aus	Harvesting	Kharif I Jun - Jul	Damage to the matured crop	Early June	Advance harvest
	Jute (Near maturity	June - July	Yield loss Poor quality	May end	Early harvest
	S. Vegetables	Harvesting	June - July	Damage yield loss Poor quality	Mar - Apr	Pot culture (homestead) Use resistant variety
High flood	T. Aman	Tillering	Kharif - II July - Aug	Total crop damage	Early June	Late varieties Direct seeding Late planting

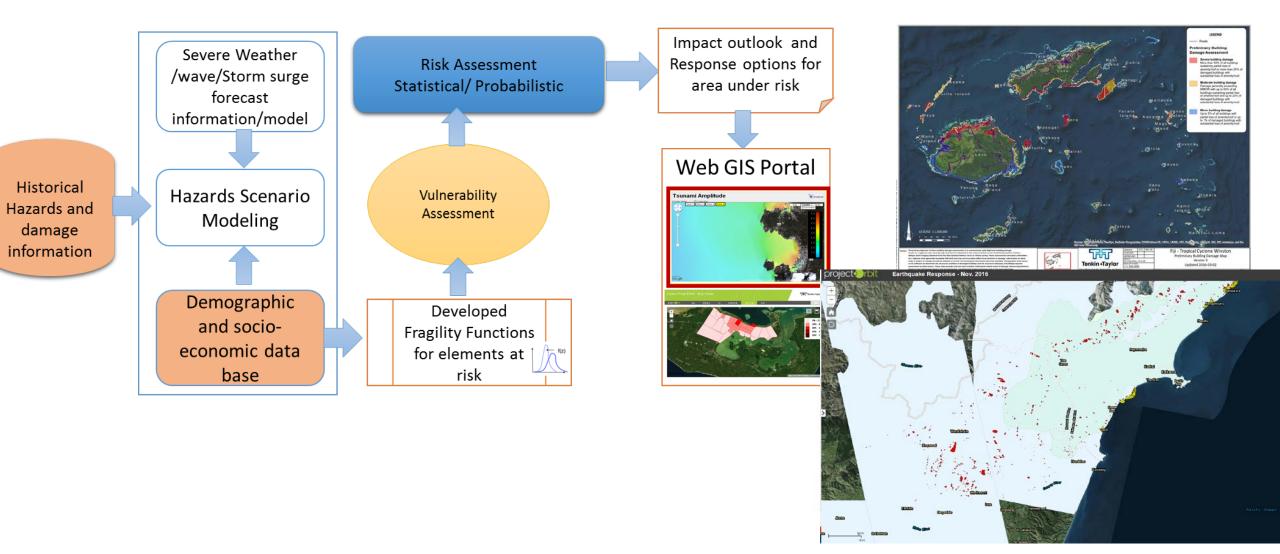
End-to-End Impact Based Early Warning System



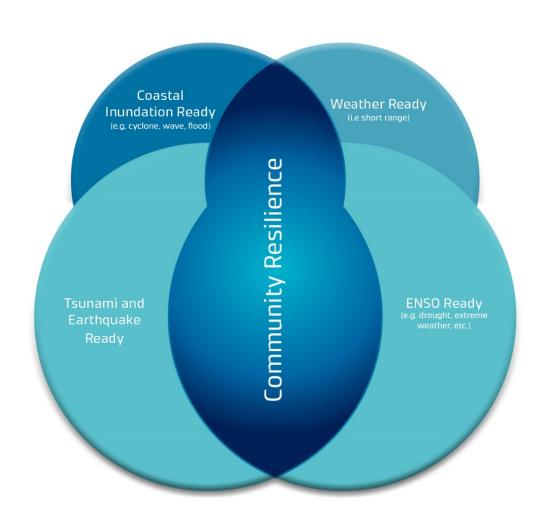
Integrated Pre and Post Damage Mapping System for DRR



Application- Pre-Impact and Rapid Mapping (i.e. #TCWinston, # 2016 Kaikoura earthquake)



Coastal Community Resilience Initiatives



Integrated Risk Governance Project (IRGP/IHDP) of Beijing Normal University Tonkin +Taylor International International Global Change Institute, New Zealand

Thank you