



PARR

Pan Asia
Risk Reduction
Fellowship Program



The Role of School-Community Collaborative Network in Enhancing Disaster Resilience in the Tsunami Affected Area in Aceh, Indonesia



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About PARR Fellowship Program

- Offers unique research, training and educational opportunities to Asian researchers, practitioners, and policy makers to enhance their capabilities for advancing and applying knowledge on critical issues of global environmental change and risk reduction in the Asia-Pacific.

Highlights

- 13 Fellowships awarded from seven countries throughout Asia.
- Fellowship residencies at Host Institutions in the Philippines, Japan, and Taiwan.
- Inception Meeting to introduce Fellows, meet Host institutions, and begin to build a collaborative network.
- Competitive call for proposals for four
- Fellows to pursue follow-on project grants for exploratory research, trainings, or workshops.
- Culmination conference to share experiences and learning outcomes and develop further collaborations.



INDONESIA



Population was only 60.7 million in 1930s



Projected to reach 305.6 million by 2035



67% of the population are concentrated in coastal urban areas

(Sources: BPS, 2013; BNPB, 2013; BAPPENAS, 2014)



From total of 496 districts/cities within 34 provinces: 65 % categorized as high risk and 35 % as medium risk

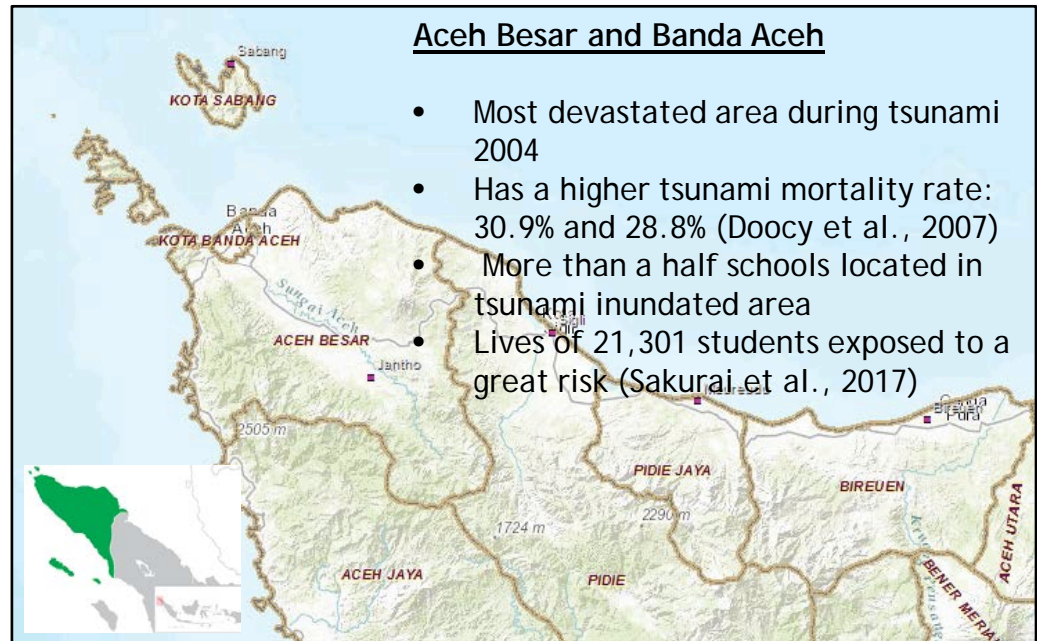


Suffered 167,741.8 billion Rupiah of loss and damage due to disasters between 2000 and 2014

More than 258,000 schools in Indonesia 75% schools located in disaster prone areas ...

Aceh Besar and Banda Aceh

- Most devastated area during tsunami 2004
- Has a higher tsunami mortality rate: 30.9% and 28.8% (Doocy et al., 2007)
- More than a half schools located in tsunami inundated area
Lives of 21,301 students exposed to a great risk (Sakurai et al., 2017)



DRR Milestones in Education Sector

- Hyogo Framework for Action (HFA) 2005-2015

- DM Law No. 24/2007
- National Action Plan for DRR (2010-2012)

- Circular Letter No. 70a/2010 on Mainstreaming DRR in schools
- One Million Safe Schools & Hospitals Campaign

Regulation of Head BNPB No.4 Year 2012 on Safe School

- Sendai Framework for Disaster Risk Reduction (SFDRR) 2015-2030

2005

2006

2007

2009

2010

2011

2012

2014

2015

2016

- UN/ISDR DRR Begins at Schools Campaign
- Consortium for Disaster Education was formed

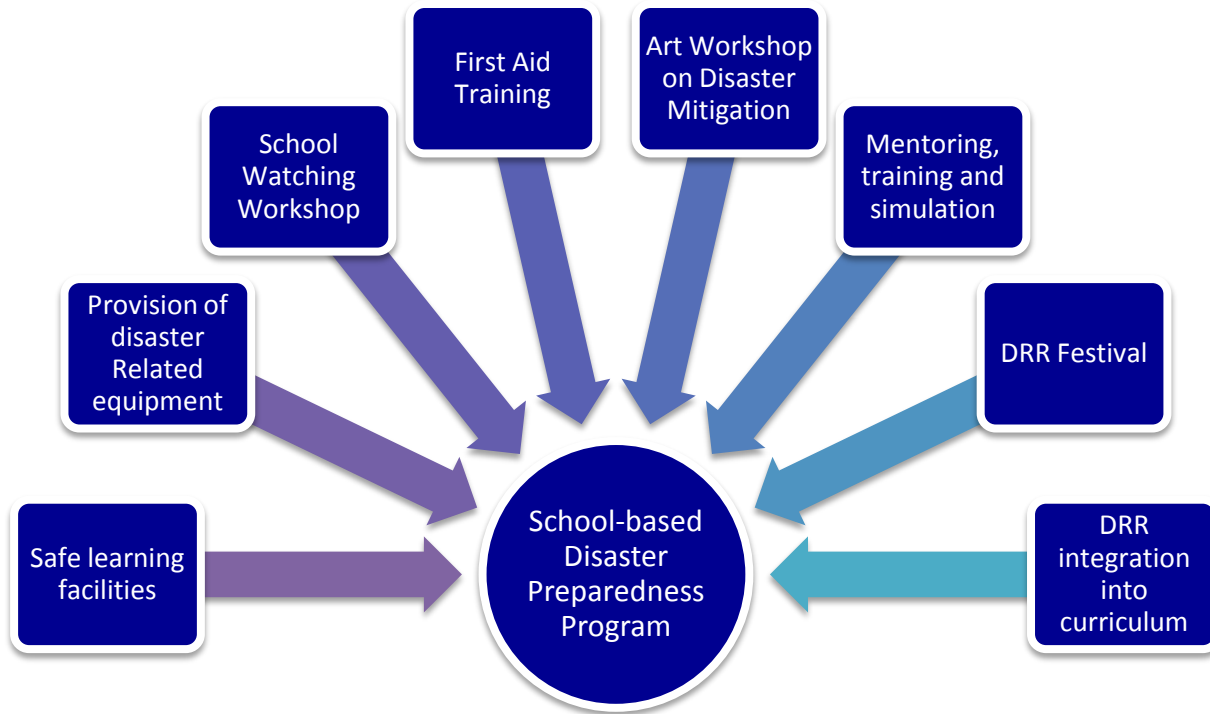
- Pilot projects of SBB in Aceh

- National Secretariat for Safe Schools
- SSB framework adopted by CDE
- Children's Chapter on DRR

Integration the earthquake building resistance in the technical guideline for reconstruction and building new classroom (Specific Allocation fund)

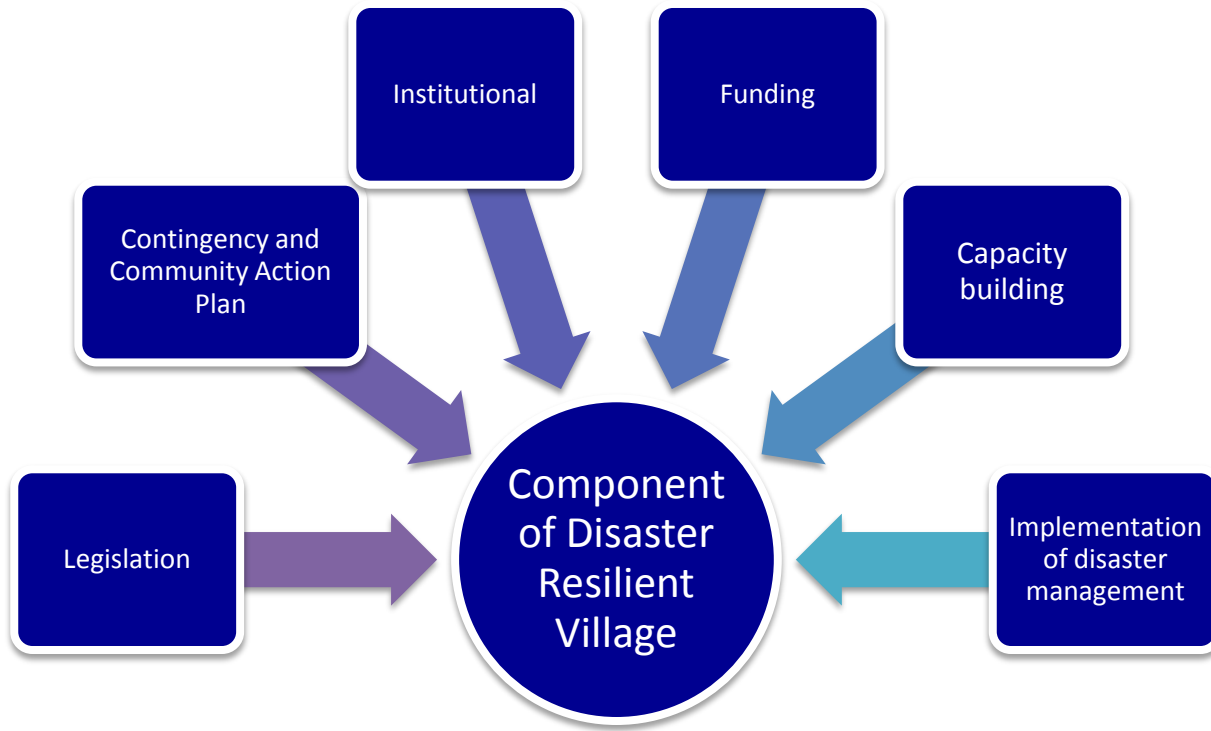
- National Secretariat for Safe Schools Website Launch

School-based Disaster Preparedness/ School Safety Program



UN/ISDR and UNESCO has launched "*Disaster Risk Reduction Begins at School*", as a theme selected for the World Disaster Reduction Campaign 2006-2007.





Disaster Resilient Village



CHALLENGES



....only minority of schools (**15,79%**) were "ready" in terms of policy to prepare for disaster...

....SSB program using **top-down** approach → implemented by government or NGO...

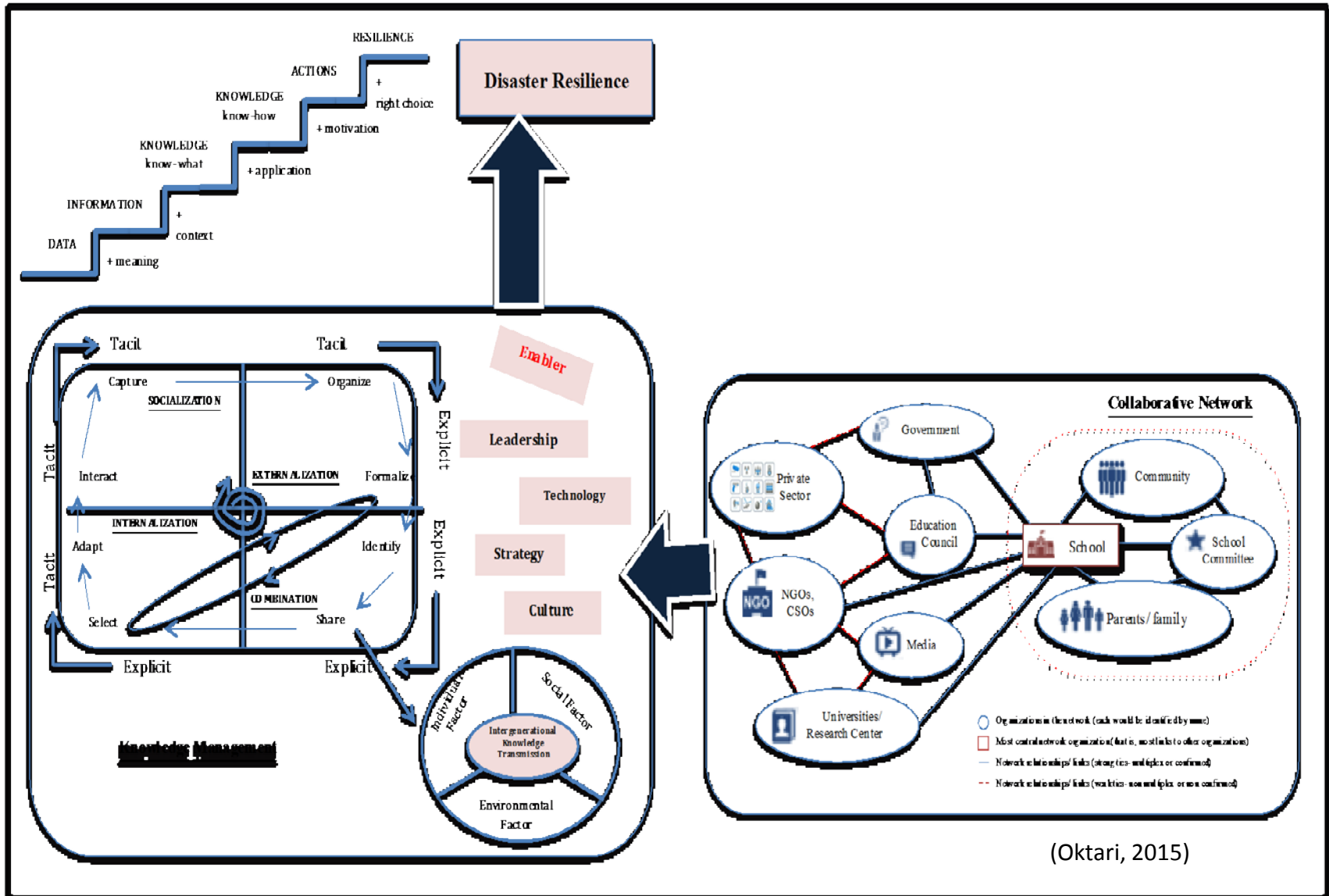
...a **sense of dependency** on external actors to conduct evacuation drills or DRR activities....

...many SSB schools did not **continue** the DRR activities...

... **leadership** of the school principal is important for the sustainability of the program...

....image of the SSB program is a **costly** program...

School-Community Collaborative Network (SCCN)



Acknowledgement

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