

Earthquake Disaster Response Preparation for Schoolchildren in Metropolitan Bandung, Indonesia

Presented at the FIG Working Week 2016,
May 2-6, 2016 in Christchurch, New Zealand

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CHRISTCHURCH, NEW ZEALAND 2-6 MAY 2016

Recovery

from disaster

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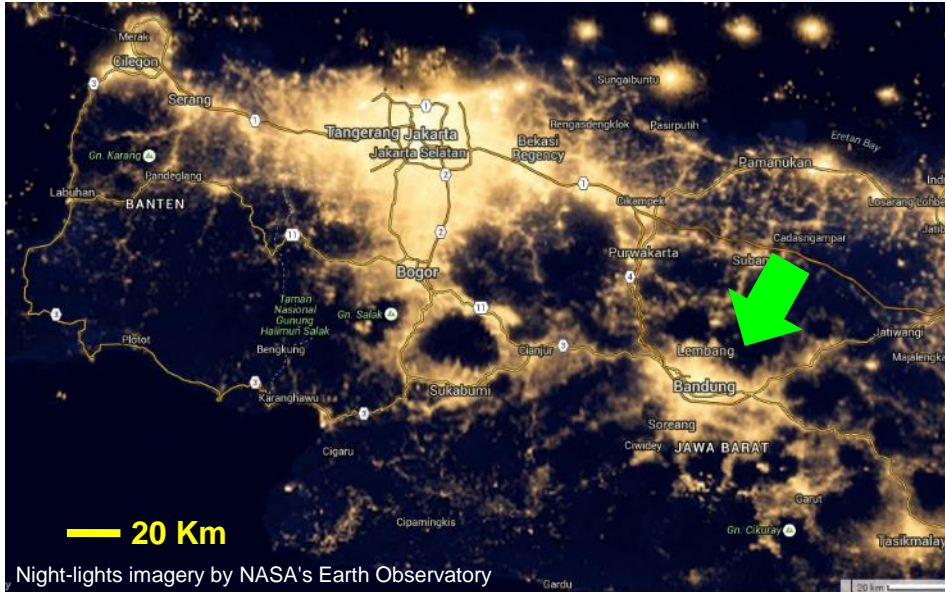




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BANDUNG as the Context



Metropolitan Area with population of 5.7 million lives
(2010, National Census)



Sundanese Ethnic Culture Hub



The Asian African Conference



Platinum Partners:

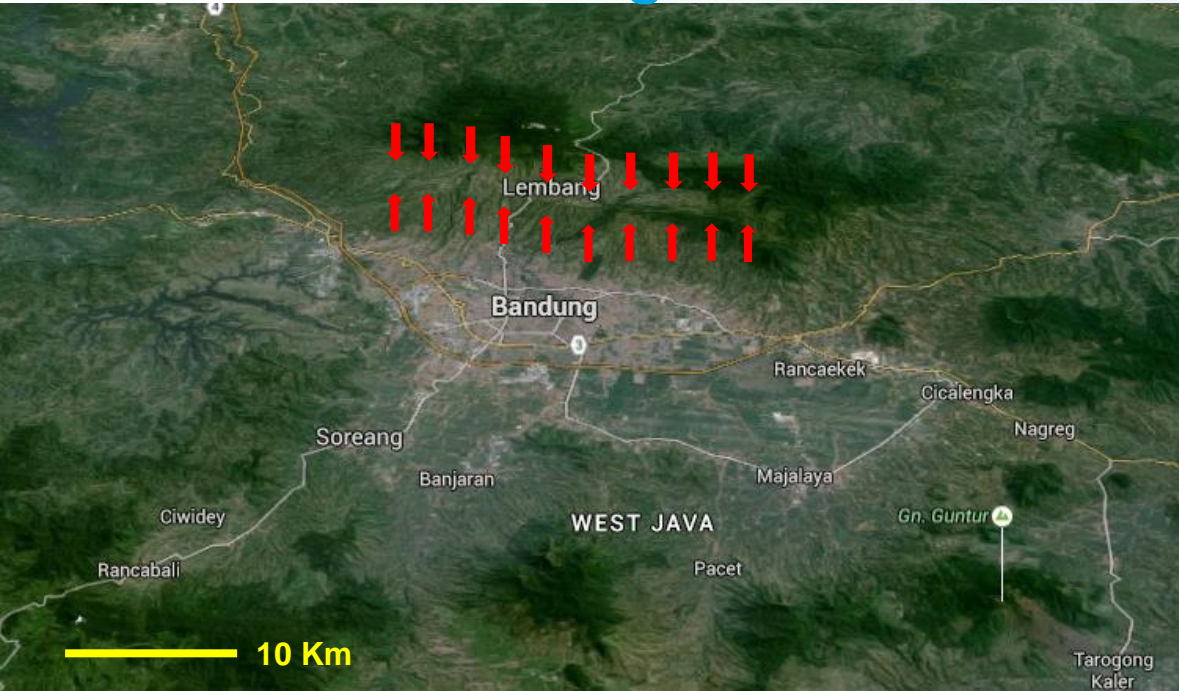


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The Lembang Fault



- Lies 22 Km long on northern part of Bandung
- There's evidence of a 6.8 Richter scale quake 2000 years back, a 6.6 Richter scale 500 years back
- Some smaller quake in 1972, 1999, 2000, 2003, 2005, several 3.3 Richter scale quake in 2011
- Even a small quake is dangerous, because epicentrum is shallow and less than 15 Km away

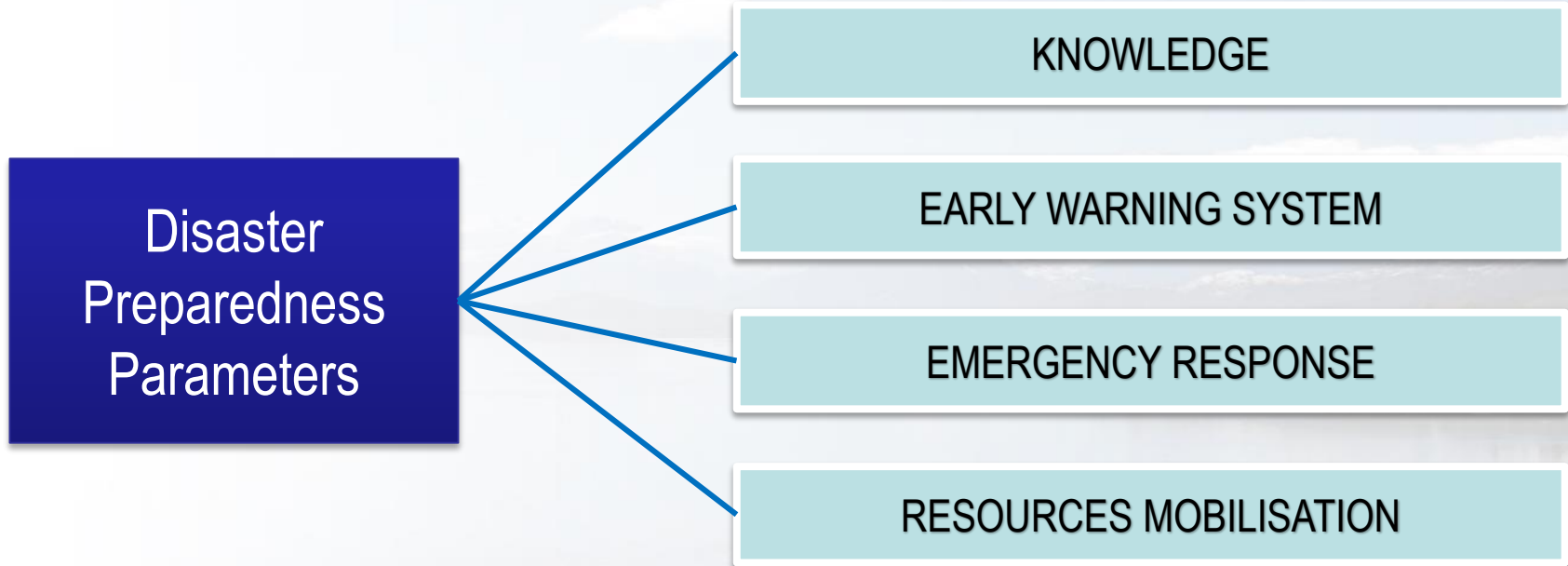


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SURVEY RESULT

| Parameters | Pre-Test | Post-Test |
|------------------------|-----------------|---------------|
| KNOWLEDGE | prepared | very prepared |
| EARLY WARNING SYSTEM | almost prepared | prepared |
| EMERGENCY RESPONSE | almost prepared | prepared |
| RESOURCES MOBILISATION | prepared | very prepared |

Scale

1. Very Prepared
2. Prepared
3. Almost Prepared
4. Not Prepared

Sampling

- n = 154
- purposive sampling
- using controlled group
- aged around 16 yo





What we learned...

- We are more prepared than we thought... in terms of Knowledge, but any preparation is a lot better than nothing
- How to really Respond when the actual event happens is almost a different thing
- We need a completely different approach in preparing children
- Simulation through games are more effective than classroom



Further Discussion & Development

- Widening sampling respondents
- More concepts & methods of preparation for children
- Colaboration acts

