

Liaise Covid 19



Website
<http://covid19liaise.info/>

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COVID-19 Liaise is a collaborative research project co funded by the Newton fund, UK and the RISTEK-BRIN Indonesia. This research project has two separate projects under the umbrella term of COVID-19 Liaise. These two year research projects are focusing on pandemic preparedness and local disaster risk reduction in Padang and Bandung areas in Indonesia. COVID-19 Liaise research project is led by the Global Disaster Resilience Centre at University of Huddersfield in the UK. Each project has one partner university/ research institution from Republic of Indonesia located in Padang and Bandung.

● Padang

Embedding COVID-19 preparedness into local disaster risk reduction

● Nature of the research problem

The national approach evident in the pandemic response is not sufficient to meet the challenges that lie ahead. It is particularly important to better align prevention and response efforts of health ministries and disaster management authorities, from national to local. COVID-19 has underlined that response mechanisms require a lot of strengthening. Most countries do not have operational experience in handling a combination of natural and biological hazard preparedness planning.

● How will the research problem be addressed?

- Explore the extent to which COVID-19 preparedness planning is currently embedded at national level DRR planning as a biological hazard
- Identify how public health aspects be better integrated into DRR and resilience planning, in combatting the dual challenges of other disasters and COVID-19
- Identify mechanisms on how public health aspects (including COVID preparedness planning) can be "localised" with other hazards
- Develop guidelines to consider COVID-19 risks from many angles and work in a collaborative way, linking national to local stakeholders in order to fight systemic risks, which is joined up and cascading

● Outcomes

- A state of the art report on the extent to which COVID-19 preparedness planning is currently embedded and integrated at the national level DRR planning as a biological hazard (D1)
- A synthesis report on how can public health aspects be integrated with DRR and resilience planning, in combatting the dual challenges (D2)
- A multi stakeholder transition pathway for integrated and localised public health aspects (D3)
- Policy paper (detailing out the guidelines) on systemic risks with cascading impacts (D4)
- Minimum of three jointly authored, peer reviewed journal papers published in high impact SCOPUS indexed journals (D5)
- Minimum two conference presentations. (D6)
- Jointly edit a special issue of the Scopus indexed International Journal of Disaster Resilience in the Built Environment (D7)
- Two training workshops with stakeholders (graduate students and local government units) (D8)
- One capacity development mission (D9)

● Partners

- University of Huddersfield
- University of Andalas
- National Disaster Management Authority (BNPB)
- West Java Province Local Disaster Management Organization (BPBD)
- Public Workers Office of West Sumatra Province
- Health Office of West Sumatra Province
- Social Office of West Sumatra Province

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● Bandung

Integrating pandemic preparedness and disaster risk reduction to protect economic assets and people in the 'new normal' for the Greater Bandung Metropolitan area of Indonesia

● Nature of the research problem

In this project, researchers in the UK and Indonesia will work with actors at the National, Provincial and City levels in the Bandung Metropolitan area, and build upon the results of a previous study that won the 2019 Newton Prize for Indonesia. They will map and seek to better integrate the key actors involved in disaster risk reduction, climate change, and pandemic preparedness.

● How will the research problem be addressed?

- Map the key actors involved in COVID-19 and pandemic preparedness, and develop a multi-stakeholder transition pathway for the vertical and horizontal integration of disaster risk, climate change and pandemics into development planning to address the 'new normal' in the Greater Bandung Metropolitan area
- Increase the capacity of provincial and local actors in the Greater Bandung Metropolitan area to address the threats to economic assets and people posed by disaster risk, including pandemics and climate change

● Outcomes

1. Multi-stakeholder transition pathway
 - Stakeholder map of actors involved in COVID-19 within a transboundary, multi-hazard institutional, vertical and horizontal arrangement, at the Provincial, Metropolitan area and City/Regency levels
 - A series of policy dialogues in the Greater Bandung Metropolitan area to incorporate DRR and CCA into development planning for the 'new normal'
 - Briefing paper on pandemic preparedness in urban agglomerations, drawing upon global case studies and dialogue results
2. Capacity building
 - Infographics that illustrate multi-hazard disaster risk in urban agglomerations
 - Open educational resources for pandemic preparedness in urban agglomerations
 - Training workshop for provincial and city stakeholders in the Greater Bandung Metropolitan area
 - Minimum of two journal papers submitted
 - Special issue of International Journal on Disaster Resilience in the Built Environment on pandemic preparedness in development planning

● Partners

- University of Huddersfield
- Bandung Institute of Technology
- Ministry of Agrarian and Spatial Planning
- National Disaster Management Authority (BNPB)
- West Java Province Local Disaster Management Organization (BPBD)
- Agency of Meteorology, Climatology, and Geophysics (BMKG)
- Indonesian Disaster Expert Association (IABI)

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