



KEMENTERIAN RISET, TEKNOLOGI DAN PENDIDIKAN TINGGI  
UNIVERSITAS ANDALAS  
FAKULTAS TEKNIK

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October 8, 2018

Dr. Pathmeswaran Raju  
Research Lead, Centre for Systems Engineering  
Cranfield Defence and Security  
Cranfield University  
Defence Academy of the United Kingdom, Shrivenham, SN6 8LA

Dear Dr. Raju,

**Partner Organisation Letter of Support**

I am writing on behalf of Engineering Faculty of Andalas University, Indonesia to support of the Centre for Systems Engineering, Cranfield Defence and Security proposal to the Cranfield Institutional QR Allocation-Global Challenges Research Fund (GCRF) 2018/19. The proposal requests a grant to fund a series of collaboration activities to support partnership between Centre for Systems Engineering, Cranfield Defence and Security, Cranfield University and academic partners from developing countries in Southeast Asia.


We strongly support this proposal and the focus of these collaboration activities on feasibility studies, workshop/networking event and preparation of a research proposal for potential future call from UK Research Council for ODA and GCRF programme. The research will be aimed at increasing disaster community resilience in developing countries. We have previously conducted several investigations and research works on 'disaster risks and resilience' research theme, funded by some international research funding, including: development of assessment model based on GIS for supporting location evacuation in developing countries; considering local culture attributes to assess the feasibility of evacuation plans; implementing a web-based decision support system for disaster logistics; and analysis of housing development options for urban area affected by natural disasters. These works have produced interesting results and have been published in several research articles. We believe our previous experience in this research theme would complement your expertise in 'Systems Engineering' and 'Systems of System Engineering' so that we can find the best solution to improve our disaster resilience. We would support this project and be glad to become collaborating research partner in your research team to be together to tackle the problems faced by developing countries.

In the event this proposal is funded, we confirm that we will contribute in this partnership by participating on preliminary and feasibility studies, the workshop/networking event and contributing to preparation and formulation of the potential future research grant proposal. We also confirm that the following academics will participate in this project:

1. Professor Dr. Rika Ampuh Hadiguna, ST, MT.
2. Prima Fithri, ST, MT.

We look forward to this initial productive collaboration to build long-term partnership with Centre for Systems Engineering, Cranfield Defence and Security, Cranfield University.

Yours sincerely  
Vice Dean of Engineering Faculty of Andalas University

  
**Prof. Dr. Eng. H. Gunawarman, M.T**  
NIP. 19661219 199203 1004





# ATENEO DE MANILA UNIVERSITY

SCHOOL OF SCIENCE AND ENGINEERING

Department of Electronics, Computer and Communications Engineering

## The International Workshop on Systems and Technology for Disaster Risk Reduction and Resilience

3rd floor, E. Aboitiz Sandbox Zone, ARETE HUB, Ateneo de Manila University, Quezon City, Philippines, 28-30 March 2019

### Participants:

	Name	Affiliation	Email Address	Signature
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