

# PROCEEDINGS CONCERN-2 2018

THE 2ND CONFERENCE FOR CIVIL ENGINEERING  
RESEARCH NETWORKS 2018

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Editors :

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# **The 2<sup>nd</sup> Conference for Civil Engineering Research Networks 2018**

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## **Proceedings**

**RESEARCHES AND DEVELOPMENTS IN  
CIVIL ENGINEERING TECHNOLOGIES  
FOR FUTURE CHALLENGES OF ASIA-  
PASIFIC INFRASTRUCTURE  
DEVELOPMENTS**

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The conference was attended by researchers from 7 countries: Indonesia, Malaysia, Thailand, Australia, Russia, Japan, and Algeria.

There were 8 keynote speakers from various entities, i.e., government agency, local and international academicians, and international Official Development Assistance (ODA) agency, as follows:

1. Herry Vaza, Ph.D - Secretary of Research and Development Agency Ministry of Public Works and Housing, Indonesia  
***Indonesian Infrastructure Development Challenges and Strategies***
2. Mr. Shinichi Yamanaka - Chief Representative, JICA Indonesia Office  
***JICA's Contribution to Indonesia's Infrastructure Development***
3. Mr. Lee Chuan Seng - Former Deputy of Building Construction Authority, Singapore  
***The Development Journey of Digitization in Singapore's Construction Industry (2011 to Present)***
4. Brawijaya, Ph.D - Directorate of Construction Services Development Ministry of Public Works and Housing, Indonesia  
***Strengthening Construction Safety Management in Indonesia***
5. Dr. Bashar Mohammed - Associate Professor Civil & Environmental Engineering Universiti Teknologi Petronas  
***Rubber Concrete (Rubbercrete) and it's Application***
6. Dr. Toong Khuan Chan - Senior Lecturer in Construction Management and Technology, University of Melbourne, Australia  
***A Rational Economic Approach to Technology Choice and Industry Development***
7. Prof. Masyhur Irsyam - Professor of Civil and Environmental Engineering, Institut Teknologi Bandung, Indonesia  
***Palu Earthquake 2018, a Preliminary Geotechnical Engineering Report***

In addition, there was 1 invited speaker from the industry:

1. Mr. Dwi Windarto - Director of Transit Oriented Development (TOD) and Legal of PT Kereta Cepat Indonesia China (High-speed Rail Indonesia-China).  
***Infrastructure Development of Jakarta-Bandung High-speed Rail***

