



Han Ay Lie



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AFFILIATION

Faculty of Engineering
Universitas Diponegoro

RESEARCH INTEREST

- Retrofitting and external reinforcing
- Modeling and Finite Element Analyses

ACADEMIC PROFILE

Scopus ID

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(Han Ay Lie, h-index: 10)

Sinta ID

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(Ay Lie Han)

**SCIENTIFIC COMMITTEES /
REVIEWER / EDITOR**

- ACI Structural and Materials Journals
- AITI-Advances in Technology Innovation
- CED
- CHROME Journal
- GEOMATE
- IJETI
- IRECE
- JESTEC
- Malaysian Construction Research Journal
- MKTS journal
- Structures
- UTM Jurnal Teknologi

PROFESSIONAL

Member

American Concrete Institute ACI since 1990

Member and Board

Indonesia Construction Association (HAKI) since 2006

Commission 7 Sustainable Concrete, Member

fib-CEB International since 2015

Member

Indonesian standard for Concrete and FRP since 2018

Advisory Board

Indonesian Code on Seismic Evaluation and Retrofitting since 2021

PATENT

S00202006543

Metoda Kuantitatif Evaluasi Terhadap Level Intensitas Guncangan Bangunan Pada Tiap Lantai Akibat Gempa.

S00202005901

“Metode Pembuatan Mortar Reclaimed Asphalt Pavement Dengan Perlakuan Awal Proses Pirolisis.

S00202004905

Metoda Strengthening Dengan Haunch Self Compacting Geopolymer Concrete (SCGC) Pada Hubungan Balok Kolom (HBK) Beton Bertulang Dalam Sistem Rangka