



Sr. Dr. Norsyakilah Romeli

Senior Lecturer

RESEARCH PROFILE

Scopus:

Google Scholar:



QUALIFICATION

Ph.D (Built Environment) (UiTM)
M.Sc. (Construction Management) (UiTM)
B.Sc. (Quantity Survey) (UiTM)
Professional Quantity Surveyor (RISM, BQSM)

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Faculty of Civil Engineering
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EXPERTISE

Quantity Survey; Construction Management; Building Information Modelling; Railway Construction, Construction Procurement and Financial Management, Artificial Modelling and Unmanned Surveying

PUBLICATION

- H Desa, MA Azizan, NN Zulkepli, **N Romeli**, (2020) Heritage Building Modelling: Photogrammetry Challenges in Producing an As Built Drawing (ABD) Using Unmanned Aerial System (UAS), Journal of Robotics, Networking and Artificial Life, Vol. 7(4); March (2021), pp. 227–230.
- **N Romeli**, H Desa, MA Azizan (2020), Building Information Modelling (BIM) as an UAV Information Processor for Generating an 'As Built Drawing', IOP Conference Series: Materials Science and Engineering 957 (1), 012042
- **N Romeli**, FM Halil, F Ismail, MS Hasim (2020), Cost control mechanism as procurement selection decision matrix for Malaysian infrastructure projects, IOP Conference Series: Earth and Environmental Science 476 (1), 012001
- **N Romeli** D. Hazry, M. A. Azizan, N.Z Noriman (2020), Heritage Building Design Properties: Development of As Built Drawing by UAV Application via 3D Laser Scanner, ICAROB2020 25 (2188-7829), 83-86
- **N Romeli**, FM Halil, F Ismail, MS Hasim (2018), Infrastructure Joint Venture Projects in Malaysia: A Preliminary Study, E3S Web of Conferences 34, 01020
- **N Romeli**, FM Halil (2021), Cost Implications on Electrified Railway Network Construction Elements, Proceeding of Green Design and Manufacture 2020, AIP Conf Proc 2339, 020008-1-020008-6.
- **N Romeli**, D Hazry, M. A Azizan, FM Halil (2021), Roof Re-measurement in Building Works Using Un-manned Aerial Vehicle (UAV) Application System, Lect. Notes Mechanical Engineering, : Intelligent Manufacturing and Mechatronics, 978-981-16-0865-0, 495441_1
- **N Romeli**, FM Halil, F Ismail, AS Abd Shukor (2016) Economic Challenges in Joint Venture Infrastructure Projects: Towards Contractor's Quality of Life, Procedia-Social and Behavioural Sciences 234, 19-27

CURRENT RESEARCH

- The Role of Unmanned Aerial System (UAS) Photogrammetry data in Earthwork Quantity Estimation in Infrastructure Projects