



“**Senior Lecturer** at Faculty of Ocean Engineering Technology, Universiti Malaysia Terengganu. Expertise in Environmental Technology and specializing in Renewable Energy, Applied Geospatial and Techno-Economics. Experienced with conducting feasibility study for several wind energy projects and NRG measurement campaigns. Involve in several high impact renewable energy research projects, currently with PETRONAS in CEFORE and Wind Lidar Project”



ALIASHIM ALBANI

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Scopus: 12, WoS: 10

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AFFILIATION

Faculty of Ocean Engineering Technology, Universiti Malaysia Terengganu, 21030, Kuala Nerus, Terengganu

SITE

sites.google.com/view/aalbani/

RESEARCH GRANTS

PI: 3, Co: 4, Acc: RM665.45K

OTHER GRANTS

PI: 1, Co: 2, Acc: RM326K

EDITORIAL

3 Editorial Board Member at Reputed Journal Publisher

TEACHING

8 Courses in Environmental and Energy Technology field

THESIS SUPERVISION

3 PhD, 6 MSc, 16 BTech

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PROJECT & COLLABORATIONS

Cambodia Wind Energy Consultation
CEFORE Project
Green Energy Hub Project

ACADEMIC / PROFESSIONAL CERTIFICATES

PhD, Doctor of Philosophy in Environmental Technology (Renewable Energy), Universiti Malaysia Terengganu, MY

MSc, Master of Science in Environmental Technology (Renewable Energy), Universiti Malaysia Terengganu, MY

BTech, Bachelor of Technology (Environment), Universiti Malaysia Terengganu, MY

PDip, Professional Diploma in Electrical Engineering Technology, Universiti Malaysia Pahang, MY

CME, Professional Certificate of Competency in Mechanical Engineering, Engineering Institute of Technology (EIT), AU

RECOGNITION

PTech, Professional Technologist, MBOT, MY

M-IGRSM, Geospatialist, IGRSM, MY

MREI, Full Member, REI EEC, UK

TTAC Panel, TTAC MBOT, MY

SELECTED TECHNICAL COURSE

Certificate, **FLS and Wind Lidar**, Bgain, Korea

Certificate, **Wind Energy Technology**, NIWE, Chennai, IND

Certificate, **Single Phase Electrical Maintenance**, Mazateknik, MY

Certificate, **Solar Photovoltaic Hands-on**, AI Resourcea, MY

Certificate, **NRG SymphoniePRO & Sensors**, NRG System, US

Certificate, **Wind Power**, REI EEC, UK

Certificate, **RE Management and Finance**, REI EEC, UK

Certificate, **Hydraulic System**, TATIUC (2019) PESDC (2020)

Certificate, **Energy Manager Training Course**, AEMAS, MY

Certificate, **Life Cycle Assessment**, ENSEARCH, MY

Certificate, **Geospatial and GIS**, Spatial Infotech, MY

SELECTED PUBLICATIONS

Albani A, et. al (2021). *The Impact Study of El Niño-Southern Oscillation to the Wind and Solar Data in Malaysia Using the Wavelet Analysis*. Frontier in Energy Research, 8:591469. DOI: 10.3389/fenrg.2020.591469 (**2020 Q2 Scopus, WoS, IF: 4.008**)

Albani A, et. al (2020). *The wind energy potential in Kudat Malaysia by considering the levelized cost of energy for combined wind turbine capacities*. Energy and Environment, DOI: 10.1177/0958305X20937006 (**2020 Q2 Scopus, WoS, IF: 2.945**)

Albani, A., Ibrahim, M.Z. (2018). *Influence of ENSO and Monsoonal Season to Long Term Wind Energy Potential in Malaysia*. Energies, 11(11), 2965; DOI: 10.3390/en11112965 (**2020 Q2 Scopus, WoS, IF: 3.004**)