



Dr. Ali H. A. Al-Waeli is an Assistant Professor at AUIS, who had previously worked as a research fellow at the Solar Energy Research Institute (SERI), University Kebangsaan Malaysia. He obtained his bachelor's degree in Electrical and Computer Engineering from Sohar University, Oman in 2016. At the age of 24, Ali obtained a Ph.D. in renewable energy from SERI, UKM.

He has over 50 publications in Web of Science (WoS) and Scopus indexed international journals. He is also a peer reviewer in many international journals. He is also a member of organizations such as IEEE, WSSET, IAENG, and ISES. In 2018, Ali became a co-editor in the journal of management science and engineering research. He was granted a fund for a research project in 2014 by the Omani Research Council (TRC) and has successfully completed the project.

He has worked as a graduate research assistant and a post-doctoral researcher in SERI, UKM. Moreover, Ali invented the "Photovoltaic thermal (PV/T) collector with nano-PCM and nanofluids". In addition to authoring the book "Photovoltaic/Thermal (PV/T) Systems: Principles, Design, and Applications" which is published in Springer Nature. He has participated in several national talks and presentations and international competitions.

In 2017 he won the 2nd place prize in the sustainability challenge and a silver medal in PECIPTA 2017 international exhibition. In 2018 he won a gold medal at the UKM 3-minute thesis competition and qualified to the national level. Ali is interested in research in the field of energy efficiency, renewable and sustainable energy, and solar energy, particularly photovoltaics (PV) and hybrid Photovoltaic thermal collectors.