

Biography



Sausan Al-Riyami completed her degree in Physics with a minor in Geology at Sultan Qaboos University (SQU), Oman. She has a master's degree in Science and Engineering with honors (IGSES Awards) and, in 2013, completed her Doctor of Science in Applied Science for Electronics and Materials at Kyushu University, Japan by two and half year with honors. She served as a guest researcher at the Institute for Materials Research, Belgium, during which time she expanded her knowledge of CVD applications. Sausan worked at GUTech as an assistant professor before joining The Research Council (TRC) in Oman as a Renewable Energy Researcher in 2015.

From 2016-2018, she was a guest researcher as a project manager at both Helmholtz Centre Berlin (HZB), Berlin and German Research Centre for Geosciences (GFZ) Potsdam, Germany. She has occupied a Senior Expert position since 2019 at TRC and was assigned to be EJAAD Director at the Ministry of Higher Education, Research, and Innovation from March 2021 till Feb.2022. From February 2022 she was hired to be Director of Oman Hydrogen Centre. Sausan has received several outstanding awards and a few outstanding research fund grants from Japan and has published more than 25 scientific papers and articles in scientific journals, energy magazines, and newspapers. She also serves as a scientific reviewer in several journals. She was selected to Lindau Alumni Peer Reviewer after she was selected to join one of high prestigious event in science "the 69th Lindau Nobel Laureate Meeting" dedicated to physics in Germany and been selected among 200 applicants to join Baden-Württemberg Post Conference Programme for Young Researcher of the 69th Lindau Nobel Laureate Meeting, taking place in Baden-Württemberg. She was invited as an expert representing the Sultanate to several scientific events such as Hydrogen Energy Ministerial Meeting in 2019, Tokyo, and moderate the International Energy Agency (IAE) session for (Oman: promising destination for clean energy) that focus on Hydrogen as new economy in Oman. She initiated "Oman Hydrogen Feasibility study". She was assigned by Ministry of Energy and Minerals to lead the study as project manager in February 2020 and she submitted it in February 2021. Since that time, she frequently invited to various international, regional, and local events to represent the Sultanate for Energy transition related topics including Hydrogen. Her recent focus includes Scientific Management, Material Science, and Applied Nanotechnology for PV, Renewable Energy, Solar Thermal Technologies, Hydrogen as new Alternative Economy, and topics related to Energy Transition. She also supervises students' theses with cooperation from local and international universities.