



PROF. DR. IME BASSEY OBOT



obot@kfupm.edu.sa

SCOPUS ID :

15027292200

<https://orcid.org/0000-0002-2700-9529>

**KING FAHD UNIVERSITY
OF PETROLEUM &
MINERALS (KFUPM),
DHAHRAN, SAUDI ARABIA**

Dr. Ime Bassey Obot is an Associate Professor and a Research Scientist at the Center of Research Excellence, King Fahd University of Petroleum and Minerals (KFUPM), Dhahran, Saudi Arabia. He received his Ph.D degree in Physical Chemistry from the prestigious University of Ibadan, Nigeria (Formerly affiliated to the University of London) in 2012. He has extensive experience in teaching and research in both the University and Industrial environments. His research focus is mainly on corrosion mitigation in the oil and gas industry. His research interest also covers important areas such as Corrosion and Scale Inhibition, CO₂ Corrosion, H₂S Corrosion, Microbial Influenced Corrosion, Corrosion of metals and alloys in cooling water systems, Marine Corrosion, Advanced Materials Design and Nanoscience. He is currently involved in several industry funded projects on the development of green corrosion inhibitors for oilfield application and also several National Science and Technology Innovative Programme funded by KACST. He has also undertaken collaborative research projects with experts from the USA, Turkey, South Africa, China, India, Egypt, Morocco and Nigeria in the area of innovative corrosion inhibition and quantum chemical design of novel anti-corrosion materials. He has been an invited speaker and also has presented papers in conferences held in the USA, China, Italy, Bahrain, UAE, Spain, Austria, France, Czech republic etc. Dr. Obot has authored/co-authored over 170 research articles in international peer reviewed journals. He has edited a book and also wrote several book chapters and several critical reviews in the area of corrosion inhibitor, DFT and Molecular dynamic simulations. He is on the editorial board of twelve (10) international journals and a reviewer to Eighty (90) international ISI-rated Journals. Dr. Obot has been granted a United State patent for the development of a new corrosion inhibitor useful for the oil and gas industry. He has also filled several invention disclosures at the US patent office. He was awarded a certificate of recognition by the President of the American Chemical Society for outstanding contribution to Chemical Research in 2012. He was named who is who in the world in 2015 in the area of science and engineering. He is a member of many International Societies including National Association of Corrosion Engineers (NACE), Italian Corrosion Society (ICS), European Desalination Society (EDS) and American Chemical Society (ACS) etc,. He is one of the top cited authors in the area of corrosion inhibition science and currently an Associate Editor of Frontiers in Chemistry, an ISI-rated journal. He also teaches corrosion science and engineering to graduate students at KFUPM.
