Dr. Zainul Akmar Zakaria

Brief biodata:

Dr. Zainul Akmar Zakaria is an Associate Professor of Environmental Biotechnology under the Faculty of Chemical and Energy Engineering, Universiti Teknologi Malaysia (UTM). He works on biomass valorization and microbial technology. He has Scopus H-index of 21 and has published 2 Research Books and 9 Edited Books. One of his research books was awarded the "National Book Award 2018" under the biochemistry category. He is currently the Associate Editor for the *Environmental Quality Management* journal under Wiley Publishers, USA. Dr. Zainul has been involved as Project Leader in various research projects with cumulative amounts of RM1.7million. He also has had the opportunity to serve as *Visiting Scientist* to Argentina and Mexico as well as being the *Program Head* for the UTM-CONICET, Argentina R&D Program (2015-2018).

Dr. Mohd Fadhil Md Din

Brief biodata:

Dr Fadhil is Professor in the fields of biotechnology, water & wastewater technology and environmental science & application. He is one of the key researchers in transforming the agenda of sustainability in many fields of expertise. His sustainable work covers a widest aspect particularly management in environmental sciences and application, and environmental management system (EMS), environmental impact assessment (EIA), risk management and, sustainable and consumption projects. He was appointed as one the prominent recipient in Science Diplomat with other ASEAN leaders to be in the part of regional association among country. Dr Fadhil is also self-motivated in promoting youth platform in order to produce a leader/champion with green and sustainable mindset that would benefit the core-values of HEIs and global sustainability vision, such as Sustainable Development Goals (SDGs). Therefore, he is actively participating in the networking of Malaysia Sustainability University Network (MYSUN). Some of the most impactful project from the sustainability engagement include river water management, net carbon initiatives, energy audit mechanism, waste-to-wealth and circular economy. He also been invited for the society and community contribution, named Local Agenda 21, River of Life (RoL).

Dr. Muhammad Abbas Ahmad Zaini

Brief biodata:

Muhammad Abbas is an Associate Professor of Material Synthesis (adsorbents) and Physical Separation (liquid-phase separation) under the Faculty of Chemical and Energy Engineering, Universiti Teknologi Malaysia (UTM). Muhammad Abbas obtained a PhD in Applied Chemistry from Chiba University, Japan in 2010. His research interests include preparation and characterization of adsorbent/activated carbon for wastewater treatment, dielectric properties of agro-wastes/carbonaceous materials in microwave-assisted char/adsorbent preparation, and supercritical CO2 extraction of the interest compound. He was awarded the Hitachi post-doctoral fellowship for research attachment at Hokkaido University in 2015. Muhammad Abbas is a director/ principal researcher at the Centre of Lipids Engineering & Applied Research (CLEAR) in Ibnu-Sina Institute for Industrial & Scientific Research (ISI-SIR). He is a professional engineer (PEng) registered with the Board of Engineers Malaysia, a professional technologist (PTech) with the Malaysia Board of Technologists, a chartered engineer (CEng) with the UK Engineering Council, and a member of the Institution of Chemical Engineers (IChemE, UK).

Dr. Rochim Bakti Cahyono

Brief biodata:

Rochim Bakti Cahyono completed his bachelor degree in chemical engineering at Universitas Gadjah Mada (2006). He continued his education and received a Master of Science degree from Chalmers University of Technology, Sweden (2009). In 2015, he obtained his Ph.D from Hokkaido University, Japan. Rochim Bakti Cahyono's area of expertise includes energy generation, conversion, and storage engineering, pyrometallurgy, resources engineering and extractive metallurgy, and wastewater treatment processes. Based on his works, he shows interest in waste to energy conversion, ironmaking and steelmaking production, and risk management and safety. With the award from ISIJ Japan, he continued to elicit steel production techniques that are more energy efficient and environmentally friendly. Currently, he is also trusted to be the Director of Waste Refinery Centre (WRC) FT UGM.