

BIOGRAPHY:

Dr. Mohammad Rachmat Sule is a senior lecturer at the Faculty of Mining and Petroleum Engineering, Institut Teknologi Bandung (ITB) - Indonesia. He teaches several courses at the Geophysical Engineering and Geothermal Engineering Study Programs. He received his both B.Sc and M.Sc in Geophysics from ITB in 1994 and 1996, obtained Ph.D in Geophysics from Karlsruhe Institute of Technology – Germany in 2004 and did post-doc in Kyoto University in 2010. His recent work has been in the extension of high resolution seismic imaging for geothermal and petroleum.



Currently he is the Manager of the National Center of Excellence (CoE) for CCS/CCUS and the Manager of the Center for CO₂ and Flared Gas Utilization of ITB. One of his main tasks is to prepare the Gundih Enhance Gas Recovery (EGS) Project, which will be the first ever implemented CCUS Pilot Project in South and Southeast Asian regions. He is also coordinating the verification of the Planned Tangguh EGS project, which has a potential to inject 32 – 40 Mio tones of CO₂. Other CoE works that he manages are the CO₂-source-sink map in Indonesia, strategy for implementing Zero Routine Flaring (ZRF) in Indonesia and promoting BECCS in Indonesia for limiting to well-below 1.5 deg C warming.