



Kittipong Limchuchua

Ph.D. Student in Energy Science and Engineering, admitted Autumn 2026

Bio

BIO

Kittipong Limchuchua is a first-year PhD student in the Stanford Energy Science and Engineering department. He received a scholarship from the Thailand national oil and gas company (NOC) to pursue his bachelor's degree in petroleum engineering at Texas A&M University from 2017 to 2020. After graduating, he joined the NOC as a petroleum reservoir engineer, focusing on subsurface flow modeling and simulation, which is grounded in integrated reservoir modeling for hydrocarbon reservoirs and carbon capture, utilization, and sequestration (CCUS) storage. During his time with the NOC, his research and business-as-usual (BAU) work centered on reservoir model history matching and optimization. At Stanford, he will continue his research with an emphasis on subsurface flow simulation, focusing on both closed-loop optimization and numerical solver development/optimization. He looks forward to engaging with world-class courses, exchanging ideas with leading energy specialists and enthusiasts, and ultimately contributing novel ideas back to both the energy-sector academia and industry.