

BIO OF THE INSTRUCTORS

DR. FRÉDÉRIC BRIENS



Petroleum Engineer & Founder of Wataalamu Oil Consultancy Ltd

Dr. Frédéric Briens is a petroleum engineer with a 35-year history of professional experience in the oil and gas industry in all parts of the world. He has held the highest positions in public and private oil and gas exploration and production companies as well as in upstream well services companies.

Dr. Briens has spent the years 2015 to present in East Africa working on the exploration, appraisal, and development of the hydrocarbons resources of Kenya within the Turkana, Baringo, and Elgeyo Marakwet counties, and other projects linked to the upstream oil and gas industry in Uganda, Tanzania, and Mozambique.

He is the founder of Wataalamu Oil Consultancy Ltd. that offers advisory and consulting services to organizations that wish to enter the Greater East Africa Region but also the opportunity to East African young upstream professionals to participate in the birth of the oil and gas industry in their own countries.

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DR. DANIEL OYOO



Lecturer & Chairman Department of Gas and Petroleum Engineering at Kenyatta University

Dr. Eng. Daniel Okang'a Oyoo is the pioneer and current Head of the Department of Gas and Petroleum Engineering (2015 to Date) and was the coordinator of the Industrial Chemistry and Management Programme (2004-2012) all in Kenyatta University.

He has a Bachelor of Science Degree in Chemical and Process Engineering, Master's Degree in Chemical and Petrochemical Engineering all from Lomonosov Moscow State Academy of Fine Chemical Technology Russia and a PH. D in Petroleum Engineering majoring in Petrochemistry from Gubkin Russia State University of Oil and Gas.

He is a member of the American Chemical Society, Kenya Chemical Society and Society of Petroleum Engineers (Kenya section). He is also a consultant to several E&P companies in Kenya and overseas and a visiting Lecture and Postgraduate Supervisor at the World Bank African Centre of Excellence in Petroleum Research and Training, University of Port Harcourt Nigeria.

His research interest is in Oil and Gas Production particularly in Crude Oil Characterization, Refining and Petrochemicals application, Oil and Gas pipeline flow regimes during Transportation and Mathematical Descriptions of bounded Oil and Gas Reservoirs.

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ENG. MICHELLE BOIT



Petroleum Engineering Consultant & Founder of Michelle Boit Foundation and MICHEB

Ms. Michelle Boit is a petroleum and production engineer with experience in the USA and Africa, namely in Kenya, Uganda, Ethiopia and Chad. Ms. Boit was instrumental in the design and delivery of the first oil production project in Kenya. She is skilled to conduct engineering studies as well as supervise the execution of projects in the field. Ms Boit is a sought-out consultant working from her consulting organization MICHEB. She has a strong professional background in production engineering, petroleum engineering, project management, oil and gas field operations management, reservoir management, well interventions, well integrity, artificial lift system, and completions engineering.

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RESHMA SHAH



Chartered Accountant & Founder of InteStrat Services Ltd

Ms Reshma Shah has over twenty years' experience across a broad and rare combination of expertise spanning Business Strategy & Performance, Risk Management, Change Management, Tax and Environmental, Social & Governance (ESG). In the last fifteen years her work has focused on the Extractives and Infrastructure Sector primarily in Africa and the Middle East. She has held several roles at Corporate and Operational levels including Senior Manager for KPMG UK's Energy and Natural Resources Team, International Tax Manager for Tullow Oil Plc, Business Performance Manager and until recently Head of External Affairs for Tullow Kenya leading the Land, Water, Local Content, Security and Conflict Management, Government & Public Affairs and the Social Performance Teams.

Reshma holds a Bachelor's degree in economics from the University of Manchester in the UK and an Executive MBA from École Nationale des Ponts et Chaussées in Paris. She is also a UK qualified Chartered Accountant and a Chartered Tax Advisor.

She is now the CEO of InteStrat Services Ltd, a Kenyan company, which works with Kenyan and international clients to optimize stakeholder value (profits, environment and society) through integrative

strategies and risk management. Reshma is also a partner at Kina Advisory, an African focused socio-economic advisory company based out of the UK and Ghana.

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ENG. DOROTHY W. MAINA



Chemical Engineer (Ch.E.) & Lecturer department of gas and petroleum engineering-KU

Dorothy is a Chemical Engineer and a Lecturer, currently serving in the Department of Gas & Petroleum Engineering, Kenyatta University.

She has a BSc. Chemical Engineering and Biotechnology and a Master of Science in Chemical engineering both from Russian University of Chemical Technology-D. I Mendeleev.

She is an experienced Lecturer in the higher education industry especially in the areas of Materials Engineering, Engineering Thermodynamics, Petroleum Health and safety Management systems, Physical & Polymer Chemistry. She has demonstrated skill in Industrial Chemical processes and unit operations having worked in FMCG sector as a Chemical Engineer, a R&D and Product development supervisor. She worked in various positions in the production industry between 2004-2009, the latest as a Production Manager at Clique Ltd heading a team of 50 people. She is a graduate member of the Engineers Board of Kenya (EBK), Professional Member of the Society the Petroleum Engineers (SPE), African Women in Science and Engineering (AWSE) and Institute of electrical & Electronic Engineers (IEEE)

Dorothy is currently undertaking her PhD studies in Mechanical Engineering (AfDB-GOK Scholarship). She has great interest in combustion technologies and clean energy.

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ENG. JOSEPH WACHIRA



Petroleum Engineer

Joseph is a young petroleum engineer coming from the first-ever promotion of petroleum engineers of Kenyatta University Gas and Petroleum Engineering Department, the only one of its kind in East Africa. Mr. Wachira has led the execution of several projects to compile information, calculate oil flow potential, costing studies, and he is the leader of one of the ongoing projects of Wataalamu Oil Consultancy Ltd. regarding the deployment of low-cost oil well services in East Africa. He is also the leader of the ongoing project of Africa Liquid Energy regarding the identification of countries that are candidates for the deployment of the Distributed LNG energy solution proposed by the Company.

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MS. SUSAN MUNYORI



Local content Specialist

Susan Munyori is an internationally skilled in Country value expert with over 20 years of experience leading the capacity development of people and Small & Medium sized enterprises (SMEs). She has made significant contributions to the various multi-national organisations she has worked for in both the Upstream and Downstream sectors of the hydrocarbon life cycle value chain. She has previously held the positions of Talent and Learning adviser for Shell Oil Products Africa, Capacity Building Manager for Sub-Saharan Africa at African Management Services Company (AMSCO).

Ms. Munyori was instrumental in establishing Local Content policies in Tullow Kenya where she formerly worked as the Local Content Manager, while consolidating her expertise in Skills and Business Development. She is particularly passionate in her quest to advance the participation of Kenyans in the nascent Oil and Gas industry.

Susan holds a Master's degree in Business Administration and is a certified Career Coach. She currently serves as a Board member at the Association of Women in Extractives and Energy in Kenya (AWEIK) representing Oil and Gas and is a Lead in the Extractives sub-committee of the Local Content Working Group, Kenya Private Sector Alliance (KEPSA).

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