



# 5th International Earth Science, Geology, Oil and Gas Conference

December 2-3, 2019 Kuala Lumpur, Malaysia

## Tentative Program

### Day 1 - December 2, 2019

09:30-10:00	Registrations
10:00-10:15	Opening Ceremony
	<b>Keynote Forum</b>
10:15-10:55	<b>Title: Projected Future Climate over Southeast Asia under the Unmitigated and Partially Mitigated Climate Change Scenarios</b> Fredolin Tangang, The National University of Malaysia, Malaysia
<b>Coffee Break: 10:55-11:10</b>	
11:10- 11:50	<b>Title: Contemporary Strategic Contours of Global Oil &amp; Gas Value Chain</b> Pramod Paliwal, Pandit Deendayal Petroleum University, India
11:50-12:30	<b>Title: Optimal Planning of Unconventional Gas Field Development</b> Dominic C Y Foo, University of Nottingham, Malaysia
12:30-13:10	<b>Title: From Arsenic Trioxide to Silver Nanoparticle and Chromium: My Environmental Toxicology Journey during the Past 15 Years</b> Ying-Jan Wang, National Cheng Kung University, Taiwan
<b>Lunch: 13:10-14:10</b>	
<b>Session 1 : Advances in Oil Recovery and Refining Operations and Techniques &amp; Petroleum Engineering Modeling and Fluid Reservoirs &amp; Oil and Gas Production/Integrated Operations &amp; Safety and Environmental Concerns &amp; Impacts of Climate Change &amp; Petroleum Geology</b>	
<b>Session Chair</b>	<b>Pramod Paliwal, Pandit Deendayal Petroleum University, India</b>
14:10-14:30	<b>Title: The Performance of VES-Polymer Flood in Heavy-Oil Carbonate Reservoir – Simulation Study</b> German Omonte, Poweltec, France
14:30-14:50	<b>Title: An Experimental Study of Matrix Acidizing in Fractured and Un-fractured Sandstone Reservoirs</b> Ali AlNetaifi, King Saud University, Saudi Arabia
14:50-15:10	<b>Title: The “Safety Net”: Modern Asset Integrity Management, A Process Safety Integrated Approach</b> Joao Abruzzini, TÜV Rheinland-Risktec Solutions, UAE
15:10-15:30	<b>Title: Climate Change as Possible Result of Geomagnetic Deprivation and New Possibilities for Human Prevention with using of Silicon Thermal Waters</b> Trofimov Alexander, International Scientific Research Institute of Cosmoplanetary Anthropoecology, Russia
15:30-15:50	<b>Title: Implementing a VES-Polymer Flood in Heavy-Oil Carbonate Reservoir – Laboratory Study</b> German Omonte, Poweltec, France
15:50-16:10	<b>Title: Application of Microscopy Image Analysis for Pore Space and Pore Size Distribution in Bioturbated Clastic Rock</b> Shubham Saraf, Pandit Deendayal Petroleum University, India

<b>Coffee Break: 16:10- 16:25</b>	
16:25-16:45	<p><b>Title: Successful Water flooding Management in Complicated Structure and Heterogeneous Multilayer Nezzazat Reservoir through Production Data Advanced Classical Approach in Gulf of Suez, Egypt</b></p> <p>Islam Fawaz, Gulf of Suez Petroleum Company, Egypt</p>
16:45-17:05	<p><b>Title: An Investigation of the Effect of “KH” Difference between Layers on the Results of Well Test Analysis in Gas Condensate Reservoirs</b></p> <p>Seyed Sina Kazemi, Tehran University, Iran</p>

<b>Day 2 - December 3, 2019</b>	
<b>Keynote Forum</b>	
10:00-10:40	<p><b>Title: The Role of Academia in Capacity Building for Sustainable Energy Development: The Case of Universiti Tenaga Nasional</b></p> <p>Kamal Nasharuddin Mustapha, Universiti Tenaga Nasional, Malaysia</p>
<b>Coffee Break: 10:40-10:55</b>	
10:55-11:35	<p><b>Title: A Precision Air Pollution Control Approach for Mitigation of Regional and Urban Severe Haze Pollution</b></p> <p>Shaocai Yu, Zhejiang University, China</p>
11:35-12:15	<p><b>Title: TBT Pollution from Wrecked Ship in Kuwait Marine Environment</b></p> <p>Amal Jafer Alkandari, Ministry of Health, Kuwait</p>
<b>Poster Presentations: 12:15</b>	
<b>Poster Judge</b>	<p><b>Trofimov Alexander, International Scientific Research Institute of Cosmoplanetary Anthropoecology, Russia</b></p>
P01	<p><b>Title: Numerical Simulation Study of Waterflooding Process before Implementing Gas-EOR Applications in Consolidated Porous Media</b></p> <p>Ali AlNetaifi, King Saud University, Saudi Arabia</p>
P02	<p><b>Title: Safeguarding Philosophy and Understanding What is Meant in Practice by Function, Performance, Risk and Integrity Level</b></p> <p>Joao Abruzzini, TÜV Rheinland-Risktec Solutions, UAE</p>
P03	<p><b>Title: Barrier Management: A Structured Approach to Developing Bowtie Diagrams with a View on Reliability Prediction and Performance Monitoring</b></p> <p>Joao Abruzzini, TÜV Rheinland-Risktec Solutions, UAE</p>
P04	<p><b>Title: Geophysical Evaluation of Hydrocarbon Potentiality of a Sedimentary Basin: A Case Study using Petrel Software</b></p> <p>Fatma Abdulla Mohammad Ahmad Al Tamimy &amp; Malaz Osman Ali Mohammed, United Arab Emirates University, UAE</p>
<b>Lunch: 13:00-14:00</b>	