

Second UEM Oil and Gas Symposium (IISIPeG-UEM) The Contribution of Research and Technological Innovation in the Oil and Gas Industry for the Sustainable Development

Call for abstract submission

BACKGROUND

The oil and gas (O&G) sector play an important role in the world economy. The oil industry alone, for instance, accounts for almost 3% of global domestic product. The trade in crude oil reached US\$640 billion in 2020, making it one of the world's most traded commodities. In terms of the final energy consumption matrix, the oil and gas sector largely exceeds the global energy demand when compared to the other energy sectors. This scenario will not change in the short and medium terms, even though in the present context of changing the energy paradigm focused on renewable energy sources. Nevertheless, like other industrial activities, the O&G industry has also been contributing to climate change and a number of environmental problems. Extraction, processing and transportation of oil and gas account for nearly 15% of the global energy sector's Greenhouse Gas emissions. These observations imply that innovative technological solutions with minor impacts on climate and the environment need to be found.

This Edition, which has as theme: “The Contribution of Research and Technological Innovation in the Oil and Gas Industry for the Sustainable Development”, the Center of Studies in Oil and Gas Engineering and Technology (CS-OGET) aims to bring together academics, researchers and students to share research results and the most recent technological innovations in geosciences, engineering, technology, economics and other related areas of O&G, with a focus on the issue of climate change and the environment. The event will also serve as a space for the exchange of experiences between professionals working in this sector, with emphasis on academia, industry, government and other relevant public-private institutions. The event will take place between the 19th and 22nd of September 2023 at the UEM Main Campus.

TEMATIC AREAS

1. O&G production and processing strategies for sustainable development.
2. O&G engineering and technology innovation in the context of climate change.
3. Research in geosciences and O&G environment.
4. Development of human resources for the O&G industry.

ABSTRACTS PREPARATION

Authors must submit their research abstracts in MS Word format (in Portuguese or English with a maximum of 350 words), indicating clearly the thematic area of the work. The abstracts must refer to the objectives, methodology, results and conclusions. Authors must indicate the format in which they intend to present the work, oral communication or poster. The preparation of abstracts and posters (for research works to be presented in the form of poster) must comply with the models available on the CS-OGET's website: <http://www.csoget.uem.mz/>. Abstracts must be submitted electronically through the following email address: csoget.geral@uem.mz.

Doubts and requests for additional information about the Symposium should be sent to the email address indicated above.

IMPORTANT DATES

05 June	First call for abstract submission
10 July	Start of participant registration
15 August	Deadline for abstract submission
31 August	Accepted abstracts notification
05 September	End of participant registration
12 September	Deadline for submission of presentations
21st and 22nd September	Symposium realization

REGISTRATION

Those interested in participating in the Symposium must complete the Registration Form available on the Center's website and send it by email to the email address indicated above.