

HÜSEYİN KOZLU PETROLEUM, NATURAL GAS AND COAL GEOLOGY SESSİON

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Dear Scientists, Earth Scientists, Researchers, Academics, and Sector Representatives,

The 79th Geological Congress of Türkiye, which is traditionally organized annually by the TMMOB Chamber of Geological Engineers and stands as the most prestigious organization in the field of earth sciences in our country, will be held between April 12–16, 2027, at the of MTA General Directorate Cultural Center in Ankara. The main theme of our congress will be "Geosciences fo Addressing Global Challenges: Earth-Society-Future".

The "Petroleum, Natural Gas, and Coal Geology" session, to be held within the scope of this major scientific feast, has been named the "Hüseyin Kozlu Petroleum, Natural Gas, and Coal Geology" session in memory of Dr. Hüseyin Kozlu, who made outstanding contributions to the Geology and Petroleum Geology of Türkiye and passed away in 2026. This session aims to discuss petroleum, natural gas, and coal exploration and development activities, which directly concern the energy dynamics of our country and the world, along with reservoir geology, sedimentological, stratigraphic, and geochemical studies, particularly basin analysis, which form the basis of these efforts, as well as new technological developments in these fields.

On the one hand, geopolitical developments in our near geography, corresponding supply security problems, and rising energy costs; on the other hand, our country's growing energy demand and the need for access to sustainable and secure energy sources render the exploration, production, and efficient use of domestic energy resources extremely critical. Therefore, this session, which will bring together experts from leading institutions in the sector and academics working on these topics, is highly important.

In this regard, we cordially invite you to present your papers and posters containing original research, reviews, and field studies on various topics such as petroleum and natural gas exploration technologies and basin analysis, reservoir geology, geophysics, and modeling, unconventional hydrocarbon resources (shale gas, etc.), coal geology, tectonic evolution and sedimentology of coal basins, coal-bed methane (CBM), integration of carbon capture, utilization, and storage (CCUS), and artificial intelligence and digitalization applications in fossil fuel exploration.

We would like to thank you in advance for the contributions you will make to our session with your valuable work, and we would be honored to welcome you among us.

Sincerely