



**National Academy of Sciences of Ukraine
Western Scientific Centre of the NAS of Ukraine and the Ministry of Education and
Science of Ukraine
Institute of Geology and Geochemistry of Combustible Minerals of the NAS of Ukraine
Ivan Franko National University of Lviv
National Joint-Stock Company «Naftogaz of Ukraine»
Subsidiary Enterprise «Zakhidukrgeologia» of NJSC «Nadra of Ukraine»**

SECOND CIRCULAR

Dear Colleagues,

The Institute of Geology and Geochemistry of Combustible Minerals of the NAS of Ukraine
invites you to participate in the International Scientific Conference

«Current Issues of Geology and Geochemistry of Combustible Minerals»

(dedicated to the 75th Anniversary of the Institute of Geology and Geochemistry
of Combustible Minerals of the NAS of Ukraine),
which will be held

September 29 – October 1, 2026



75 років

**ІНСТИТУТУ ГЕОЛОГІЇ
І ГЕОХІМІЇ ГОРЮЧИХ КОПАЛИН
НАН УКРАЇНИ**



Historical Background of the Institute

In 2026, the Institute of Geology and Geochemistry of Combustible Minerals of the National Academy of Sciences of Ukraine (NAS of Ukraine) will celebrate its 75th anniversary. The Institute is a well-known geological research institution in Ukraine and abroad and remains the only academic geological institution in the western region of the country. It conducts priority fundamental and applied research in geology, Earth sciences, and environmental management, including petroleum geology, tectonics, stratigraphy, lithology, paleoceanography, geochemistry, geophysics, environmental geology, and geotechnology.

Throughout its existence, the Institute has fulfilled its primary mission: conducting high-quality scientific research aimed at generating new fundamental knowledge and bringing research results to practical application, while also training highly qualified specialists in geological sciences.

The Institute was established in 1951 under the name Institute of Geology of Mineral Resources (according to the resolutions of the Council of Ministers of the USSR No. 457 of February 21, 1951, the Council of Ministers of the Ukrainian SSR No. 561 of March 23, 1951, and the decision of the Presidium of the Academy of Sciences of the Ukrainian SSR of March 30, 1951, Protocol No. 12, § 204). It was founded on the basis of the Lviv Branch of the Institute of Geological Sciences of the Academy of Sciences of the Ukrainian SSR, established in 1945. By resolutions of the Council of Ministers of the Ukrainian SSR No. 1408 of December 28, 1963, and the Presidium of the Academy of Sciences of the Ukrainian SSR No. 4 of January 15, 1964, the Institute was renamed the Institute of Geology and Geochemistry of Combustible Minerals of the Academy of Sciences of the Ukrainian SSR. Its current name is the Institute of Geology and Geochemistry of Combustible Minerals of the National Academy of Sciences of Ukraine.

The Institute has been headed by distinguished scientists, including Academicians Volodymyr Porfiriev, Hryhorii Dolenko, Roman Kucher, Volodymyr Zabiailo, and Myroslav Pavliuk. The Institute has also employed many renowned researchers who laid the foundations for its fundamental scientific achievements, including Academicians Oleh Vyalov, Serafym Subbotin, Volodymyr Soboliev, Volodymyr Selskyi, Yevhen Lazarenko, Lukyan Tkachuk, Corresponding Members of the NAS of Ukraine Yaroslav Sereda, Mykola Ladyzhenskyi, Vasyl Kityk, Yurii Senkovskyi, and others.

Over several generations of scientists, the Institute has established five internationally recognized scientific schools that continue to develop successfully: geodynamics of petroleum-bearing provinces; geological and geochemical paleoceanography of ancient continental margins and their mineral resources; geochemistry and thermobarometry of fluids in mineral-forming environments; thermodynamics of oil and gas generation in the Earth's sedimentary cover and asthenosphere; and the development of methods for studying individual inclusions in minerals of sedimentary rocks (thermobarogeochemistry of evaporites).

Currently, the Institute conducts research in the following main areas: theories of hydrocarbon generation and the formation of oil, gas, coal-bed methane, and shale gas accumulations and deposits; geological and geochemical paleoceanography of ancient continental margins; geoecology and the development of scientific principles for energy-efficient geotechnologies; and geochemistry and thermobarometry of fluids in mineral-forming environments.

The Institute hosts the Scientific Council on the Problem of “Geology and Geochemistry of Combustible Minerals” under the Department of Earth Sciences of the NAS of Ukraine. Its main tasks include expert assessment of the current state and prospects of research in the geology and geochemistry of oil, gas, and solid combustible minerals. These activities are carried out by the Institute's scientists, who serve as leading experts in geological projects and developments. Since 1965, the Institute has published the scientific journal *Geology and Geochemistry of Combustible Minerals*, which is included in the official List of Professional Scientific Journals of Ukraine.

Since its establishment, the Institute has made an invaluable contribution to building the foundation of fundamental knowledge about the Earth's subsurface and mineral deposits—an essential prerequisite for the growth and rational utilization of Ukraine's mineral resources, particularly for the needs of the fuel and energy sector, especially within the western region of the country, which has remained largely unaffected by Russian military aggression.

Today, despite the difficult conditions of the Russian-Ukrainian war, the Institute continues to advance fundamental research in the fields of geology, geochemistry, geotechnology of combustible minerals, and

environmental protection. It develops new scientific ideas, strengthens internationally recognized scientific schools and research directions, implements applied innovations, and remains a stronghold of Ukrainian geological science and practice.

CONFERENCE PROGRAM:

Conference Registration:

September 29–30, 2026 (Tuesday–Wednesday) from 9:00 a.m. Institute of Geology and Geochemistry of Combustible Minerals of the NAS of Ukraine 3a Naukova Street, Lviv, Ukraine

September 29, 2026 (Tuesday), 10:00 a.m.

Opening Ceremony of the International Conference “Current Issues of Geology and Geochemistry of Combustible Minerals” (dedicated to the 75th Anniversary of the Institute of Geology and Geochemistry of Combustible Minerals of the NAS of Ukraine).

The opening session will include an Extended Meeting of the Academic Council of the Institute of Geology and Geochemistry of Combustible Minerals of the NAS of Ukraine and the Department of Earth Sciences of the NAS of Ukraine, as well as a screening of the documentary film: “From the Origins to the Present Day” (about the Institute of Geology and Geochemistry of Combustible Minerals of the NAS of Ukraine)

September 29–30, 2026 (Tuesday–Wednesday)

Plenary Sessions According to the Main Conference Topics:

- Modern concepts of the structure and evolution of the Earth’s lithosphere
- Problems of stratigraphy, tectonics and geodynamics
- Theory of oil and gas formation in light of modern geotectonic concepts and hydrocarbon field formation
- Unconventional hydrocarbon deposits: coalbed methane, shale gas, tight reservoir gas, central basin gas etc.
- Geology and geochemistry of critical and strategic mineral resources
- Geological and geochemical paleoceanography of ancient continental margins
- Geochemistry and thermobarometry of fluids in mineral-ore-naftide-forming environments
- Mineralogical and geochemical features of sedimentary sequences of combustible mineral provinces
- Geophysical diagnostics of fluid-saturated environments
- Energy-efficient geotechnologies for developing unconventional combustible mineral deposits
- Environmental issues in exploration and exploitation of combustible mineral deposits
- Groundwater resources, challenges and threats caused by climate change, anthropogenic impact, and military actions

September 30, 2026 (Wednesday)

Discussion and adoption of the Conference Resolution. Official Closing Ceremony of the Conference.

October 1, 2026 (Thursday)

One-Day Geological Field Excursion in the Carpathians: Lviv – Boryslav – Lviv

The excursion includes a visit to the city of Boryslav, which is inseparably linked with the history of petroleum production in Ukraine and is mentioned in the literary works of Ivan Franko. Boryslav is a unique city located directly above a large oil, natural gas, and ozokerite deposit.

During the excursion, participants will have the opportunity to observe operating oil pumping units (pumpjacks), learn about the history of oil and ozokerite extraction, the development of the Boryslav oil-producing region and its role in the emergence of the European petroleum industry, as well as visit local mineral water springs. The most famous among them is “Naftusia”, a mineral water renowned for its therapeutic properties and widely used for the prevention and treatment of various health conditions.

Participants will also be able to observe unique geological outcrops of the frontal part of the Ukrainian Carpathians, which clearly illustrate the geological structure and tectonic features of the region.

The excursion program also includes a visit to the Museum of the Oil and Gas Industry of Ukraine, where participants can explore exhibitions dedicated to the history of oil, ozokerite, and natural gas production, as well as historical equipment and industrial artifacts from the Boryslav petroleum basin.

Excursion Fee: The participation fee for the excursion is UAH 750. The tour price includes bus transportation, admission tickets to the Museum of the Oil and Gas Industry of Ukraine, and lunch at the "Shakhtarochka" establishment. **Registration for the Excursion:** To register for participation in the geological excursion, please contact the Organizing Committee Secretariat **by September 10, 2026:** Nataliia Batsevykh: +380 95 722 46 68; Solomiia Kalmuk: +380 97 235 50 62. **Payment Details – Bank card number for cashless payment of the excursion fee:** 4441 1110 2402 2802. A copy of the payment receipt or bank transfer confirmation should be submitted to the Organizing Committee before the beginning of the conference by e-mail: **iggcm.secretariat@gmail.com**

As an exception, payment in cash may be accepted upon prior individual arrangement with the Organizing Committee.

Printed and Electronic Poster Presentations

Poster presentations should be prepared in accordance with the template available for download at the following link:

<https://docs.google.com/presentation/d/1TsPyzThrkZtyHr3yZLEvoS53qj3GN35n/edit?slide=id.p1#slide=id.p1>

Posters should be prepared in PPTX format and submitted to **iggcm.secretariat@gmail.com** no later than 11:00 a.m. on September 28, 2026. Electronic posters will be displayed during breaks between conference sessions. Participants attending the conference in person who wish to present a printed poster will be provided with space for its display.

The detailed conference schedule and program will be announced in the Conference Program, which will be distributed by September 20, 2026.

The Organizing Committee will provide presentation equipment, including a projection screen, multimedia projector, and laptop computer.

Getting to the Institute

From the Lviv Railway Station, take marshrutka (minibus) routes No. 10 or No. 32 to the "Naukova Street – Troleibusna Street" stop.

Participants are kindly requested to arrange their own travel and accommodation in Lviv. For searching, comparing, and booking hotel accommodation, participants may use the website:

<https://www.booking.com/searchresults.uk.html?aid=356980&label=gog235jc-10CAMo6QE4sANIKVgDaOkBiAEBmAEzuAEXyAEM2AED6AEB-AEBiAIBqAIBuAKBopbQBsACAdICJDE2ZDRhNmJhLTlkOTEtNGM2MC1hNDY3LTY5OWY4NWM3YzYzNNgCAeACAQ&city=-1045268>

FOR THE ATTENTION OF PARTICIPANTS:

For any inquiries, please contact the Organizing Committee Secretariat: Nataliia Batsevykh Tel.: +380 95 722 46 68; Solomiia Kalmuk Tel.: +380 97 235 50 62

Address:

3a Naukova Street, Lviv,
Ukraine



Website IGGCM NAS of Ukraine:
<https://iggcm.org.ua/uk/golovna/>

WE SINCERELY INVITE YOU TO PARTICIPATE IN THE CONFERENCE!
RESPECTFULLY, ORGANIZING COMMITTEE