



Institute of Geology and Petroleum Technologies at Kazan Federal University

#35 in the world
QS Subject Rankings in Petroleum Engineering

KAZAN FEDERAL UNIVERSITY. FACTS AND FIGURES



1804

2nd oldest university
in Russia



Unique bicentennial campuses with finest examples of classical architecture, including the Astronomical Observatory Complex - part of UNESCO World Heritage Lists

priority

KFU is part of the Priority 2030 strategic academic leadership program with 5 strategic projects, including **energy science and natural resources**



55 000

students total



10 000

employees
4 000 academic staff



17 institutes/faculties,

1 higher school, 4 branches,
2 lyceums, secondary school,
kindergarten



415

research laboratories,
University clinic



11 600

international students
104 countries



702

real estate items
125 land plots (253 ha)



301

foreign partners
53 countries



Excellent infrastructure for student life and leisure, arts, sports, volunteering, social activism, internships and employment



401 in the world
5 in Russia

Institute of Geology and Petroleum Technologies

OUR INSTITUTE

World # 35
QS World University Rankings by
Subject 2025: Engineering -
Petroleum

World-class
laboratories

Students actively
partake in our
research



Over 1,400 students

Cooperation with local
and overseas
universities

Employment opportunities in industry-
leading companies



401 in the world
5 in Russia





Institute of Geology and Petroleum Technologies

OUR EDUCATIONAL PROGRAMS

Bachelor's programs (4 years)

-  Geology and development of mineral deposits
-  Geophysics
-  General geology
-  Engineering geology and hydrogeology
-  Petroleum engineering
-  Geography
-  Cartography and GIS
-  Teacher education (geography and ecology) – *5 years*






PhD programs (4 years)

-  Oil chemistry
-  Paleontology and stratigraphy
-  Mineralogy and crystallography; geochemistry and geochemical methods of mineral exploration
-  Lithology

Master's programs (2 years)

-  Contemporary geophysical technologies of hydrocarbon prospecting and exploration
-  Engineering geology and hydrogeology of urban territories
-  Geology of mineral deposits
-  Geology and geochemistry of oil and gas
-  Digital technology and modeling methods in oil and gas geology
-  Stratigraphy of oil and gas basins
-  Complex data analysis in geosciences (English program)
-  Petroleum engineering (English program)
-  Development of hard-to-recover and unconventional hydrocarbon fields
-  Integrated modeling of deposits
-  Technology of oil, gas and natural bitumen
-  Economic geography and spatial development of territories
-  GIS and space technology in economics and management
-  Teacher education (geography and ecology)

PhD programs (4 years)

-  Hydrogeology
-  Geophysics
-  Geology, exploration, prospecting and development of oil and gas deposits
-  Development of oil and gas deposits
-  Petroleum engineering (English program)



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World-Class Research Center for Liquid Hydrocarbons (2020-2024)

RESEARCH PRIORITIES

Satellite imaging
Heat flows
Carbon isotope record
Sedimentation basins
Evaluation of reserves
Geothermochronology
Air, water, and ground
prospecting and exploration
Drone surveillance

Big data and AI in
geological modeling
„Pseudo“-core samples
Microfluid research
Exploration on depleted
reservoirs
Eco-friendly and cost-
effective drilling
technologies

Utilization of associated
petroleum gas for enhanced
oil recovery
Oil displacement
mechanisms
Enhanced oil recovery
(ionized water, surfactants,
polymers, gels)
Catalysts for viscous oils
Express analysis of
composition of oil and oil
products

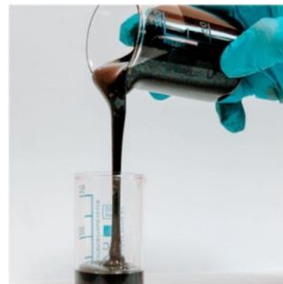
Institute of Geology and Petroleum Technologies

SOME OF OUR LABORATORIES

Laboratory of Geochemistry, Isotope and Element Analysis



Laboratory of Enhanced Oil Recovery



Laboratory of X-ray Tomography



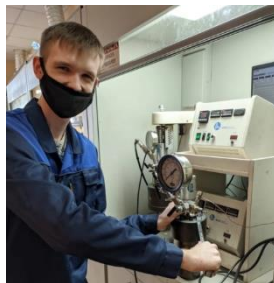
In-Situ Combustion Laboratory



Institute of Geology and Petroleum Technologies

SOME OF OUR LABORATORIES

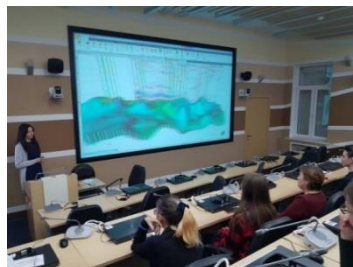
Laboratory of Hydrate Technologies for the Utilization and Storage of Greenhouse Gases



Electron Microscopy Laboratory



3D GEO Center

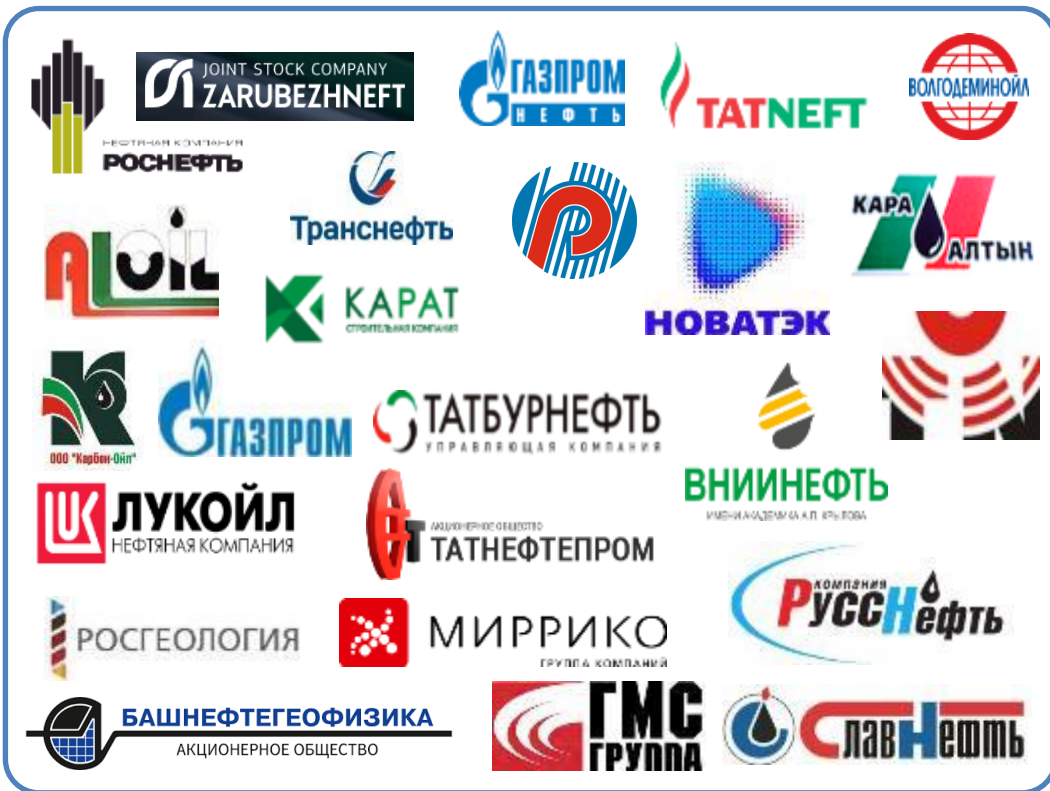


Laboratory of Petrophysical Methods of Geological Material Research



COOPERATION

Russian companies



International companies



We integrate everybody's possibilities for each one's success!

cdogeo.kpfu.ru/centre

- 16+ professional retraining programs
- 110+ professional development programs
- 100+ distance learning courses
- 1,000+ students per year
- 170+ teachers and experts

Our partners and customers

PJSC NK Rosneft

PAO Tatneft

PJSC Gazprom

PJSC Gazpromneft

PJSC LUKOIL

JSC "Ritek"

OJSC "Surgutneftegas"

LLC "TNG-Group"

JSC "Bashneftegeofizika"

PJSC "Geotech holding"

MH Industry (Kazakhstan)

Burgylau LLP (Kazakhstan)

Unión Cuba-Petróleo (Cuba)

Southern Oil Company (Republic of Iraq)

Roxar Services AS

All-Russian Research Institute of Flow

Measurement

Schlumberger

SPF Paker LLC

Mirrco Group of Companies

CMG (Canada)

Trimble (US)

IFP (France)

HONG KONG UNITE CREATION

INTERNATIONAL CO. LIMITED (China)



Center for Advanced Training, Quality Management and Marketing

CdoGEO implements professional retraining programs, advanced training courses, conducts webinars and individual internships

Courses are implemented in any of the requested formats:

- ✓ Full-time
- ✓ Part-time
- ✓ In the field, at enterprises, in laboratories





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Representatives of **Cuba** (CUPET), **Iraq** (South Oil Company), **China** (UPC), **Vietnam** (Vietsovpetro), **Belarus** (Rechitsaneft, Belorusneft), **Uzbekistan** (IGIRNIGM, Uzbekgeofizika), **Kazakhstan** (Maten Petroleum) have completed their training at CdoGEO.

We have also trained our students as part of a departmental target program for the training of engineering personnel in **China, France, Germany, and Switzerland.**

Our cooperation with Sultan Qaboos University (Oman) includes joint research and contracts with Omani oil companies.



Center for Advanced Training, Quality Management and Marketing

Individual internships at our best laboratories

Professional training in:

- Geology and geophysics
- Field development
- Geodesy and prospecting
- Geomechanics
- Drilling
- Modeling
- Metrology
- Management in the petroleum industry

Our partners



Uniting our capabilities
for everyone's success!
CdoGEO



Conferences 2026

ПЕТРОФИЗИКА



Website



PETROPHYSICS XXI

19-21 March 2026, Kazan

Abdullina Elina

☎ +7 (952) 036-99-98

✉ pp21.conf@yandex.ru

@pp21_conf



Telegram



Tatarstan UpExPro

13-14 April 2026, Kazan

Semenova Aliya

☎ +7 (986) 712-94-93

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РАЗРАБОТКА ГАЗОКОНДЕНСАТНЫХ
МЕСТОРОЖДЕНИЙ

Telegram



Development of gas condensate fields

28-29 May 2026, Kazan

Saptarova Zalina

☎ +7 (987) 291-37-23

✉ saptarovazalina@yandex.ru



Химические методы
увеличения нефтеотдачи

Website



Chemical Enhanced Oil Recovery Methods

26-27 May 2026, Kazan

✉ cheorconference@yandex.ru



Website



Practice GeoChemistry

25-26 June 2026, Kazan

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АКТУАЛЬНЫЕ НАПРАВЛЕНИЯ
ЦИФРОВИЗАЦИИ
И РАЗВИТИЯ
НЕЙРОСЕТЕВЫХ
ТЕХНОЛОГИЙ
В НЕФТЕГАЗОВОЙ ОТРАСЛИ

Telegram



Current trends in digitalization and development of neural network technologies in the oil and gas industry

4-5 August 2026, Kazan

Sudakov Vladislav

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Website



Karbon

12-14 August 2026, Kazan

Abdullina Elina

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Institute's websites

<https://en.geo.kpfu.ru>

<https://cdogeo.kpfu.ru>

University's websites

<https://eng.kpfu.ru>

<https://admissions.kpfu.ru>

Wechat



Telegram

