



РОССИЙСКИЙ ГОСУДАРСТВЕННЫЙ ГЕОЛОГОРАЗВЕДОННЫЙ УНИВЕРСИТЕТ

# MGRI

SERGO ORDZHONIKIDZE  
RUSSIAN STATE UNIVERSITY  
FOR GEOLOGICAL PROSPECTING



Over  
**100**  
Years



**MGRI**

Sergo Ordzhonikidze  
Russian State University  
for Geological Prospecting

FEDERAL STATE BUDGETARY EDUCATIONAL INSTITUTION OF HIGHER EDUCATION



*“The economy of any country is based on its mineral resource base. Geologists – these are the people who are the first to develop the mineral and raw material base. If there are no geologists, there is no future for the country!”*

**prof. Vadim A. Kosyanov**  
*Rector, Doctor of Technical Sciences*

# HISTORY

- 1918** – Establishment of the Moscow Mining Academy (MMA)
- 1921** – professor Ivan Gubkin was appointed rector of the Academy
- 1930** – The Moscow Institute for Geological Prospecting was established on the basis of the MMA
- 1932** – MGRI was named after People’s Commissar of Heavy Industry Sergo Ordzhonikidze
- 1934** – training base for educational purposes was founded in the Republic of Crimea
- 1947** – School Faculty
- 1948** – first international students enter MGRI
- 1969** – MGRI was awarded the Order of the Red Banner of Labor
- 1987** – MGRI moved to a new educational campus in the south-west of Moscow
- 2011** – MGRI Branch was founded on the basis of Starooskolsky College for Geological Prospecting
- 2018** – the 100<sup>th</sup> anniversary:
  - the historical abbreviation “MGRI” is returned
  - the University was awarded the Polar Star Order (Mongolia) and the Order of Friendship (Vietnam)
- 2019** – MGRI received the Gratitude Paper by the Russian President. MGRI is advancing steadily!





## MGRI graduates' achievements

The graduates of the University have discovered:

- ✓ More than **200 large mineral deposits** both in the Russian Federation and abroad.
- ✓ About **300 new minerals**, including **MGRiit**, a mineral named after the University.
- ✓ About **300 species of fossil flora and fauna** are named after the graduates of the University.
- ✓ **25 university graduates** have been elected academicians and corresponding members of the Academy of Sciences of the USSR and the Russian Academy of Sciences.





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# FACULTIES





## OUR PROGRAMS

### BACHELOR

- Applied Mathematics
- Geology
- Ecology and Environment Management
- Civil Engineering
- Information Systems and Technologies
- Technosphere Safety
- Oil and Gas Business
- Technology Art
- Processing of Materials Management

### MASTER

- Applied Mathematics
- Geology
- Ecology and Environment Management
- Civil Engineering
- Technosphere Safety
- Oil and Gas Business
- Technology Art
- Processing of Materials

### POSTGRADUATE

- Earth Sciences
- Informatics and Computer Technology
- Geology, Exploration and Mineral Resources Processing
- Economics

### PRE-STUDY COURSES

- Russian as a foreign language
- Math
- Physics
- Computer science
- Chemistry
- Biology
- Social studies
- History
- Literature

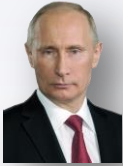


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# RATINGS



Gratitude Paper by the President of the Russian Federation  
(Order No.93 rp dated 04/05/2019)



**1st Category**

Order by the Ministry of Science and Higher  
Education of the Russian Federation  
No.1423 dated 12/26/2019



MGRI in the TOP 500 universities of the world  
"green" rating



145<sup>th</sup> place in the Russian Universities rating



Member of QS program





*“... at the University, the main is student, in the broad sense, a student, no matter what program he masters.*

*And by his/her success others judge our successes. If they are successful, then we, in principle, worked well...”*





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# International and regional Awards



**1<sup>st</sup> place**  
at YOUNG VISION AWARD, Austria



**2<sup>nd</sup> place**  
at Digital Breakthrough  
HACKATHON



**Diplomas of excellency**  
at Imperial Barrel Award, Czech Republic





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# Awards



**Oil and Gas Horizons**  
International conference, Russia



**Students Technical  
Congress, Germany**



**2<sup>nd</sup> place**  
on the forum of the Union state, Belarus





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## MGRI Today



Sergiyev Posad Training,  
Research and Production  
ground



Head University (Moscow)



Museum complex



Representation in the Republic  
of Crimea



Stary Oskol branch of MGRI



Ski base in Yakhroma



EBSCO Publishing, Inc.  
(USA)

The University of  
Leoben (Germany)

Freiburg University of  
Mining and  
Technology (Germany)

SirRusia  
Company  
(Algeria)

Agreement  
between 6  
Universities  
(Morocco)

BSU (Baku)

Shakhmuro  
Fakultety  
University  
(Ukraine)

Assiut University  
(Egypt)

Atyrau  
APOR  
University  
(Kazakhstan)

Academy of Sciences of  
Azerbaijan

Technical  
University  
Dzardzhan  
College (Kyrgyzstan)

Unit with 7  
organizations  
(Tajikistan)

Geological Society of Mongolia

South-West  
University  
(China)

Minning and  
Geology University  
of Hanoi (Vietnam)

Geological University of  
China (China)

Liaoning Technical  
University (China)

Ministry of  
Natural  
resources  
(Guyana)

Unit de los  
Llanos (Columbia)

National Geology  
and Mining  
Service (Chile)

Ministry of science,  
technology and  
innovation (Uganda)

Eastern World  
Wide  
(Bangladesh)

Geology University  
of Hanoi (Vietnam)

Geological University of  
China (China)

Liaoning Technical  
University (China)

Curtin University (Australia)

More than 50 active  
agreements, contracts  
and memorandums  
with international  
companies and  
Universities



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# EDUCATIONAL activity



More than 7000  
students



More than 56 countries



More than 500 lecturers



More than 50  
educational programs



**MGRI**

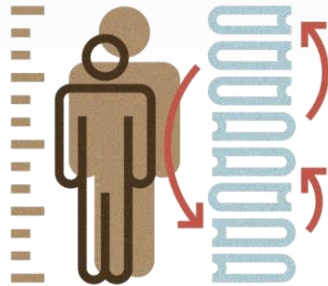
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# SCIENTIFIC activity



**2 times increased**  
Extra budgetary funding for  
research and development



**77%**  
Increase in  
University Hirsch Index



**25%**  
increase in the number  
of publications  
(SCOPUS, Web of Science)



**A system for monitoring the  
effectiveness of the scientific  
activities of departments and  
faculty**



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# INTERNATIONAL Activity



75% of awards in 20 international Olympiads and competitions



Partnership agreements with universities from 60 countries



Internships in China, Tunisia, Egypt, Turkmenistan, Uzbekistan, Iraq, South Africa, Nigeria, Côte d'Ivoire, etc.



International Summer School at a training field in Crimea



# MGR

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**49%**

**increased admission  
of foreign students  
in 2019**



**more than 20%  
MGR students are foreigners  
from 56 countries,  
30 countries**



**partnership agreements  
with universities out of 60  
countries around the world**



**122% - increase in the number  
of foreign students in Stary  
Oskol branch**



## MGR International

✓ Internship  
for students  
in China, Tunisia,  
Egypt, Turkmenistan, Uzbekistan,  
Iraq, South Africa, Nigeria,  
Cote d'Ivoire et al.

✓ double diploma programs  
In English  
  
Petroleum Engineering  
Applied Geology

✓ MBA for managers of MSC  
enterprises

✓ international  
Summer school  
at the landfill in Crimea





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Society of Petroleum Engineers

# MGRI SPE Student Chapter

SPE – Society of Petroleum Engineers was established by SPE International on the 1st of November, 2019



Activities and achievements:

- Lectures from international lecturers
- Access to SPE events
- International competitions



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# Engineering Center



SAMPLING SITE



ORE PREPARATION SITE



MAGNETIC AND SPECIAL  
ENRICHMENT METHODS SITE



FLOTATION ENRICHMENT  
METHODS SITE



GRAVITATIONAL ENRICHMENT  
METHODS SITE

HYDROMETALLURGIES AND  
BIOTECHNOLOGIES SITE



LABORATORY OF PHYSICAL  
METHODS FOR RESEARCH OF ORES  
AND MINERALS



LABORATORY "NEW  
HYDROTECHNOLOGIES"



ROCK PHYSICS LABORATORY



LABORATORY OF GEMMOLOGY  
AND TECHNOLOGIES OF ARTISTIC  
PROCESSING OF MATERIALS



GRINDING LABORATORY

**OBJECTIVES:** study of natural and technogenic mineral formations, development of innovative technologies for rational and integrated development, reduction of environmental pollution and training of specialists in this field.





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# SCHOOL FACULTY

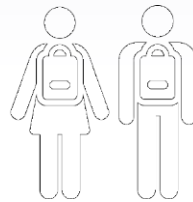
## the oldest children and youth geological country organization

# 1947

year of foundation



students - leaders of  
circles



target audience - students  
in grades 7-11



annual geological  
expeditions



over 3000  
graduates

**PERFORMANCE:**  
more than 25 doctors of  
sciences,  
1 academician

over 50  
candidates of  
sciences

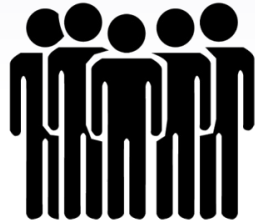


# CRIMEAN EXPEDITION

## SCHOOL ASSET

**2017**

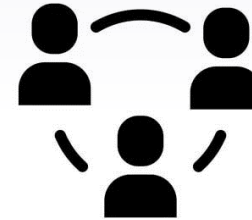
project start year



competition - more than 10 people per place



more than 90% of the asset passed expedition



transfer of experience from undergraduates to freshmen



over 30 educational programs

## RESULTS

over 65% of students are involved in active public life

2.5 times increased number of participants student associations

100% positive feedback from expedition members



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# "GEOARTEK"

INTERNATIONAL UNIONIZE OF YOUNG GEOLOGISTS

**2017**



project start year

more than 600  
schoolchildren in shifts

representatives  
of 45 regions

more than 5000  
Artek students met  
with geology

more than 70 MGRI  
volunteers

## REWARD

Honorary Badge "Architect of Knowledge"



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## Generations' meeting in MGRI

- ✓ December, 2018 - MGRI celebrated the **100-th anniversary** of its foundation on a grand scale.
- ✓ More than **1000 university graduates and guests** from Russia and other countries of the world arrived at the celebration of the 100<sup>th</sup> anniversary, among countries were: **Austria, Australia, Azerbaijan, Algeria, Angola, Armenia, Afghanistan, Belarus, Bulgaria, Vietnam, Georgia, Germany, Egypt, Italy, Iraq, Kazakhstan, Canada, Qatar, Kyrgyzstan, Colombia, China, Mongolia, the Netherlands, Poland, Saudi Arabia, Sudan, USA, Tajikistan, Uzbekistan and Ukraine.**





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## MGRI Brotherhood

EVERY SEPTEMBER:

1. Solemn initiation of first-year students in MGRI Brotherhood.
2. Messages in the capsule of the future.
3. Opening by the end of studying period.





## National Unity Day

National Unity Day in MGRI is a large-scale and numerous bright, noisy, cheerful and stunningly beautiful holiday that unites students from many nations and countries.

- Festive event in the lobby of the university
- Acquaintance with the culture of peoples
- Music and dance performed by students
- Tasting cuisines of different nations and countries







## Dormitory “Rudoznatsi”

is a building with 14 floors in which students live not only from different regions of Russia, but also from another countries.

- Located on the student campus
- Lots of cafes and shops
- Security system
- Canteen
- Elite floors
- Elevators



**Find us on Social:**

**Instagram – mgri\_official**

**Website – [www.mgri.ru](http://www.mgri.ru)**

**New century - new opportunities!**

