

**Sevastopol Branch of M.V. Lomonosov Moscow State University**  
**Faculty of Geology of M.V. Lomonosov Moscow State University**  
**Faculty of Geography of M.V. Lomonosov Moscow State University**

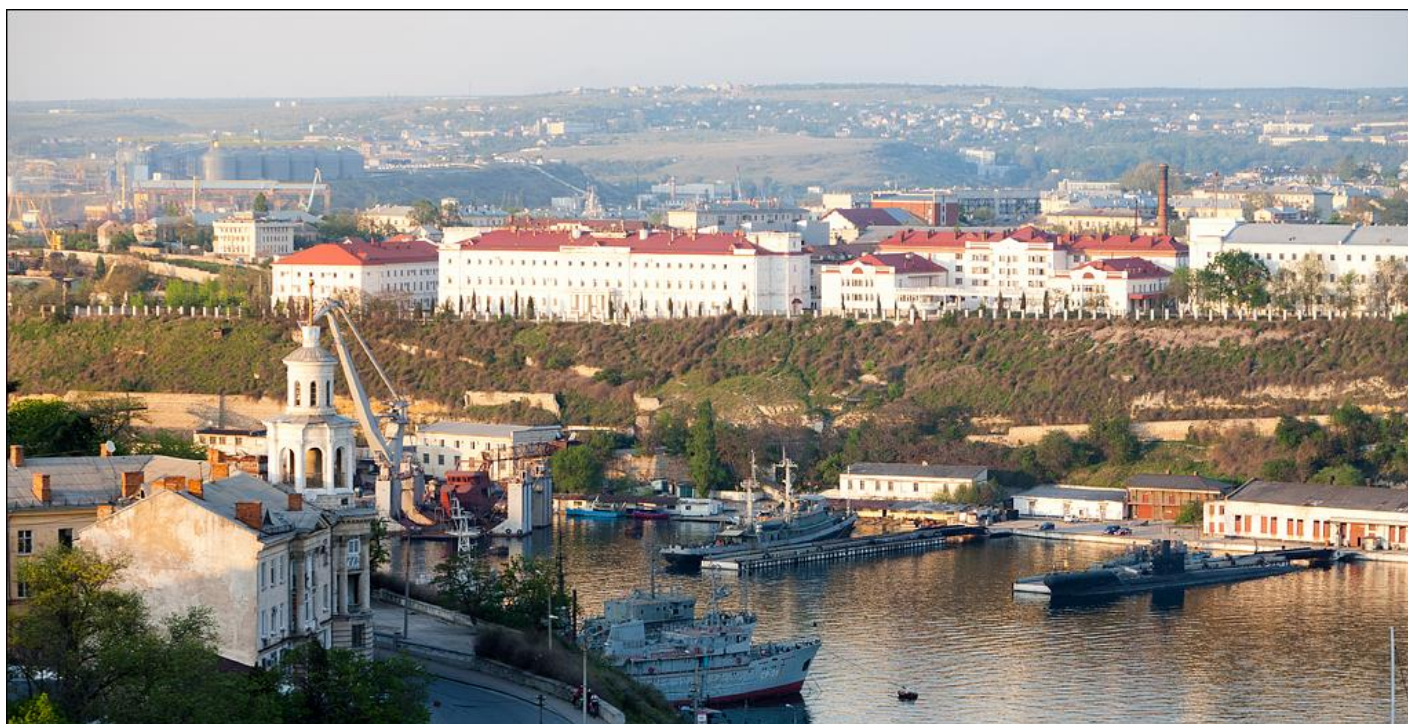


**The 3<sup>rd</sup> INTERNATIONAL YOUTH  
SCIENTIFIC AND PRACTICAL CONFERENCE  
«INNOVATIONS IN GEOLOGY,  
GEOPHYSICS AND GEOGRAPHY-2018»**



**04–07 July 2018**

**Sevastopol, Branch of M.V. Lomonosov Moscow State University**



**First Circular**

## Dear colleagues,

Innovative technologies in geology, geophysics and geography are of great importance due to their close connections with various applied problems and tasks such as a search for mineral deposits and their exploration, an evaluation of engineering-geological conditions and environments, including forecasting of catastrophic geological processes and phenomena. Most of innovative approaches originate at the interfaces between different fields of the knowledge, through its integration and exchange, the generalization of the already developed and new ideas including those of young scientists, particularly.

With this in view, the Sevastopol Branch of M.V. Lomonosov Moscow State University, Russia will arrange an International Youth Conference entitled "Innovation in Geology, Geophysics and Geography-2018" in Sevastopol on 04 to 7 July, 2018.

**Students, undergraduates, PhD students and early career students are welcome to participate in the Conference.**

### **PRELIMINARY PROGRAMME OF THE CONFERENCE:**

**July 03 2018 FIELD TRIP: "Fracturing of Heraclay Plateau (South-West Crimea): multidisciplinary approach"**

**July 03 2018 – REGISTRATION OF THE PARTICIPANTS OF THE CONFERENCE (from 15 o'clock), reception;**

**July, 4–7, 2018 – ORAL PRESENTATIONS AND ROUND TABLES**

**July 8-10, 2018 – FIELD TRIP: «Fracture reservoir: innovative integrated researches»**

Sessions will be organized focusing on the following main topics:

I Different aspects of fracturing:

- Fracture: modern methods of studying, data processing and analyzes;
- Remote methods for studying natural fracturing;
- Numerical and physical modeling of deformations in various geodynamic settings;
- Forecast of reservoir fracture based on 3D seismic data, VSP and special GIS methods: imagers, broadband acoustic logging, etc.
- Software complexes for computer modeling of fracturing of geological space;
- Fracture of rocks and conditions for the formation of fractured reservoirs of oil and gas;
- Actual problems of petrophysics of complex water reservoirs;
- Petrophysical studies of core material;
- Integrated interpretation of 2D / 3D seismic data, GIS, core and GDI for reservoir description.

II. Geology and evolution of sedimentary basins:

- Origin and change of sedimentary rocks;
- Stages of development of sedimentary basins, paleoreconstruction;
- Integration of geological and geophysical methods in hydrocarbon prospecting;
- Tectonic events forming the internal structure of the basin;
- Modern structural plan - as a reflection of the evolution of the sedimentary basin;
- Simulation of hydrocarbon generation processes, oil systems;

- Sedimentary basin - oil and gas basin, types and their structure

### III. Mud volcanism as an indicator of the processes of formation of oil and gas:

- Locality of mud volcanoes, structure, origin;
- Types of mud volcanoes;
- Geochemical characteristics of mud volcanism;
- Mud volcanic breccia and its composition;
- Mud volcanism with oil and gas saturation of subsoil;
- Reflection of mud volcanism in geophysical fields;
- Balneological properties of mud volcano breccias;
- Isotopy of gases, water and breccias of mud volcanoes;
- Physical geochemistry of hydrothermal processes;

### IV. Assessment of the relief and dangerous exogenous processes:

- Mechanisms of development, modern dynamics and geography of dangerous exogenous processes;
- New approaches to the assessment of the relief for the needs of nature management;
- Innovative technologies in engineering-geophysical research;
- Regional overview of geomorphological hazards;
- Exogenous processes in the developed territories;
- Monitoring and methods for forecasting dangerous exogenous processes.

### V. Modern geological-geomorphological processes and dynamics of coastal landscapes:

- Geological and climatic trends in the evolution of landscapes;
- Exogeodynamics and landscape morphology;
- The role of biota in the formation of ecotone landscapes of land and sea;
- Paleogeographic reconstruction of coastal landscapes;
- Methods for studying dynamic processes in ecotone landscapes;
- Urban planning and landscape planning in coastal areas;
- Integrated monitoring and management of natural risks in coastal landscapes.

### VI. Shallow geological and geophysical surveys:

- Karst: identification, instrumental methods and tools, processing;
- Study of landslide bodies using methods of geodesy and geophysics;
- Seismic microzoning;
- Searches for groundwater;
- Archaeological and soil geophysics;
- Mapping of underground communications;
- Searches for buried military facilities;

**July, 8–10, 2018** – Field Trips "fractured reservoirs: innovative comprehensive studies."

The technical sessions will be held in Sevastopol (Sevastopol Branch of M.V. Lomonosov Moscow State University) on **8–10 July 2018**.

## **CONFERENCE LANGUAGE**

**English** will be the official language of the meeting and no translation facilities will be available. All abstracts, posters, and presentations have to be submitted **only in English**.

## IMPORTANT DATES

<b>01 April 2018</b>	Early Registration Fee and Support application deadline
<b>01 May 2018</b>	The registration on the web-side deadline
<b>20 April 2018</b>	Deadline for visa invitation requests
<b>01 May 2018</b>	Deadline for Fieldtrip registration
<b>01 May 2018</b>	Deadline for Normal Registration and Training Field Session Fee
<b>1 June 2018</b>	Deadline for Abstract submission
<b>20 June 2018</b>	Letter of Schedule Conference Programme and official invitations
<b>15 June 2018</b>	Late Registration Fee deadline
<b>3 July 2018</b>	Pre-Conference Training Field Sessions
<b>04–07 July 2018</b>	The 3rd International Youth Scientific and Practical Conference “Innovations in Geology, Geophysics and Geography-2018”
<b>8–10 July 2018</b>	Post-Conference Training Field Sessions

## REGISTRATION AND ABSTRACT SUBMISSION

Registration will be available via the Conference website <http://2018.inno-earthscience.com/index.php/en/> from **15 December 2018**.

All personal data and abstracts have to be submitted in English. Abstracts should be send using form from the website. Deadline for personal data submission is **20 April 2018**.

We plan to publish the abstracts on CD by assigning numbers ISBN. The volume of the abstract – not less than 2500 characters with spaces and not more than 7500 characters with spaces.

## REGISTRATION FEES

	<b>Early registration</b> <i>before April 01, 2018</i>	<b>Normal registration</b> <i>before May 01, 2018</i>	<b>Late registration</b> <i>before June 15, 2018</i>
<b>Student Participant</b> <i>(PhD and up to PhD level)</i>	<b>10 \$</b>	<b>10 \$</b>	<b>10 \$</b>
<b>Representatives of the institutes of the Russian Academy of Sciences and public universities</b>	<b>35 \$</b>	<b>40 \$</b>	<b>50 \$</b>
<b>Other participants</b>	<b>125 \$</b>	<b>135 \$</b>	<b>150 \$</b>
<b>Accompanying Person</b>	<b>10 \$</b>	<b>10 \$</b>	<b>10 \$</b>
<b>Commercial presentation on the company's activities (1 academic hour)</b>	<b>835 \$</b>		
<i>Before May 01, 2018</i>			
Pre-Conference Training Field Sessions " <b>Fracturing of Heraclay Plateau (South-West Crimea): multidisciplinary approach</b> "	<b>85 \$</b>		
Post-Conference Training Field Sessions " <b>Fractured reservoir: innovative integrated researches</b> "	<b>250 \$</b>		

For more information please visit our official web-site <http://2018.inno-earthscience.com/index.php/en/> or send e-mail: [inno.sevastopol@gmail.com](mailto:inno.sevastopol@gmail.com)