

**VI International Scientific and Practical Conference**  
**«FUNDAMENTAL AND APPLIED ASPECTS**  
**OF GEOLOGY, GEOPHYSICS AND GEOECOLOGY USING MODERN**  
**INFORMATION TECHNOLOGIES»**

May 17-21, 2021

**Republic of Adygea, Maykop**

*Dear colleagues!*

We are happy to invite you to take part in the VI International Scientific and Practical Conference "Fundamental and applied aspects of geology, geophysics and geoecology using modern information technologies."

The conference is held by the Federal State Budgetary Educational Institution of Higher Education "Maykop State Technological University" (MSTU, Maykop, Republic of Adygea, Russia) together with the Institute of Ecology of the Academy of Sciences of Abkhazia (IE ANA, Sukhum, Republic of Abkhazia), the Federal State Budgetary Educational institution of higher education "Tver State University" (Tver State University, Tver, Russia) and also with the support of the FSBIS Institute of Atmospheric Physics of A.M. Obukhov of the Russian Academy of Sciences (IAP RAS, Moscow, Russia), FSBIS of the Geophysical Center of the Russian Academy of Sciences (GC RAS, Moscow, Russia), Federal State Autonomous Educational Institution of Higher Education "National Research University" Moscow Institute of Electronic Technology "(NRU MIET, Moscow, Russia) and FSBEI HE "Moscow State University named after M.V. Lomonosov"(Moscow State University, Moscow, Russia) with the participation of the Department for Environmental Protection, Natural Resources and Emergencies of the Republic of Adygea and the Department of Geology and Licensing in the Republic of Adygea of the Department for Subsoil Use in the Southern Federal District.

**PROGRAM COMMITTEE**

*Chairman:* Kuizheva S.K. - Rector of MSTU, Dr. Economic Sciences, associate professor.

*Co-Chairs:* Skakovskaya L.N. - Rector of Tver State University, Dr. Phil. sciences, professor;

Ekba Ya.A. - Vice-President of the Academy of Sciences of Abkhazia, deputy. Director for Research and Production at the Institute of Ecology of the Academy of Sciences of Abkhazia, Dr. Phys. Sciences, Academician ANA professor;

Kulichkov S.N. - Director of the IAP named after A.M. Obukhov RAS, Dr. of Phys.-Maths sciences.

*Deputy Chairman:* Ovsyannikova T.A. -Vice-Rector for Research and Innovative Development MSTU, Dr. Philos. sciences, professor.

*Program Committee Members:*

Kostyanov A.G. - Chief Researcher, Institute of IO RAS, Professor of the University of Liège, Ph.D. Phys.-Maths sciences;

Lebedev S.A. - Leading Researcher, GC RAS, Institute of Space Research, RAS, Dr. Phys.-Maths sciences;

Repina I.A. – Head of Laboratory of Atmosphere and Ocean Interaction, Institute of Physics and Atmospheric Physics RAS, professor of Russian Academy of Sciences, Dr. Phys.-Maths sciences;

Khokonov A.Kh.-A. - Dr. Phys.-Mat. Sciences, Professor of the Kabardino-Balkarian State University. H.M. Berbekov;

Sychev V.I. - Professor of Oceanology, Russian State Hydrometeorological University, Ph.D. Phys.-Maths sciences.

### **ORGANISING COMMITTEE**

*Chairman: Bedanokov M.K.* - Dean of the Faculty of Engineering, MSTU, Dr. Economic sciences, professor.

*Deputy Chairman: Shevyakova O.P.* - Deputy Dean for Scientific Work, Faculty of Engineering, MSTU, Ph.D. Phys.-Maths. sciences, associate professor.

*The Members of the Committee:*

Akatov V.V. – Leading Researcher, Dr. Biol. Sciences, Professor of MSTU;

Sirotyuk E.A. – Leading Researcher, Dr. Biol. Sciences, Professor of MSTU;

Demina T.I. – Head of Department of Higher Mathematics, Physics and Systems Analysis, Cand. Phys.-Maths. sciences, associate professor of MSTU.

### **MAIN AREAS OF WORK OF THE CONFERENCE**

- problems of geoecology, geophysics and geology;
- problems of physics of the earth, physics of the sea, physics of the atmosphere;
- problems and impact of global and regional climate change;
- methods of mathematical modeling;
- technologies of rational nature management;
- technologies for monitoring and protecting the environment;
- biological methods of environmental quality control;
- utilization and processing of industrial and household waste;
- physicochemical and biological methods of wastewater treatment;
- composition of the atmosphere, diagnostics and modeling of photochemical and radiation processes;
- dynamic processes in the atmosphere, the problem of predictability of atmospheric phenomena.

### **CONFERENCE SECTIONS**

1. Geoecology and environmental protection.
2. Engineering and environmental problems of geology and geophysics.
3. Climate change and its impact.
4. Composition of the atmosphere.

### **CONFERENCE LANGUAGES**

Russian, English

## **APPLICATION FORM**

To participate in the conference, you should submit an application form and presentation materials. All fields of the application are to be filled in.

1. Surname, name, patronymic.
2. The name of the organization.
3. Position, academic degree, academic title.
4. Date of birth.
5. Postal address.
6. Phone, E-mail, fax.
7. Presentation title in Russian and English.
8. Presentation type (plenary - no more than 1 hour, sectional - no more than 20 minutes) and section number (1, 2, 3 or 4).
9. Form of participation (in-person with a presentation, in-person without a presentation as a listener, on-line with a presentation, e-poster presentation with the publication of abstracts in a collection of materials).

## **REQUIREMENTS FOR THE REGISTRATION OF MATERIALS**

The volume of materials is not more than 10 pages. A4 format Microsoft Word; 14 font (Times New Roman), interval 1; new paragraph 1.25. Margins: left 30 mm, right 15 mm, top 20 mm, bottom 20 mm. The text is typed in width without auto-hyphenation. References in the text to the cited literature are given in square brackets, for example, [1, p.15].

The electronic version of the application and the text of the report should be sent by e-mail: [pagkonf@yandex.ru](mailto:pagkonf@yandex.ru). Materials for printing are accepted until May 1, 2021.

The collection of abstracts of the conference materials will be published before the start of the conference in the RSCI, obligatory distribution to the leading libraries of the Russian Federation.

The paper will be included in the conference programme based on a competitive selection.

Based on the results of the conference, the selection of articles recommended for publication in journals indexed in the scientometric Scopus database will be carried out. Articles are accepted only from participants whose papers have been approved and included in the conference programme.

All participants will be given an individual certificate confirming their participation in the conference.

## **VENUE AND DATES OF THE CONFERENCE**

May 17 - arrival of the conference participants, May 18-20 - sessions of the conference sections (MSTU, Maykop, Pervomayskaya str., 191), May 21 - departure of the conference participants.

## **INFORMASTION FOR THE PARTICIPANTS**

The registration fee for participation in the conference is not charged.

Participants pay for their accommodation and travel to the conference venue.  
The participants themselves are responsible for booking seats.  
During the conference, coffee breaks are provided.

### **CULTURAL PROGRAMME**

Excursions around the city of Maykop and the Republic of Adygea.

### **CONTACT INFORMATION**

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