

International Early Career Scientists Research and Training Conference “Present-day achievements and challenges in environmental studies” will be held at the Altai State University, Barnaul, The Russian Federation from 1 to 8 August 2014

CALL FOR PAPERS

Dear colleagues:

We cordially invite you to participate in International **Early Career Scientists Research and Training Conference**, “**Present-day achievements and challenges in environmental studies**”, which will be held **from 1 to 8 August 2014** at the Altai State University, Barnaul, Russia.

The main conference objective is to exchange research experience in a variety of the Earth Science disciplines with foci on involvement of attending young scientists in advanced scientific research in geography, geocology, geoinformatics, as well as to introduce them to the cutting edge of contemporary computational and information technologies.

Within the framework of the Conference for young scientists, a Summer School – Workshop is planned **ECS-2014 “Modern aspects of the use of computational and information technologies in environmental sciences.**

CONFERENCE THEMES

- Climate and hydrological cycle variability on plain and mountain areas: factors, assessments, modeling and numerical forecast
- Changes in natural and economic systems, quality of life of the population connected with changes in climate, water resources, permafrost and glacial systems
- Modern methods of observation, computational and information technologies for assessment, modeling and mitigating the effects of environmental change

ORGANIZING INSTITUTIONS

- Altai State University (ASU)
- Institute of Monitoring Of Climatic And Ecological Systems, Siberian Branch of the Russian Academy of Sciences (IMCES SB RAS)
- Institute for Water and Environmental Problems, Siberian Branch of the Russian Academy of Sciences (IWEP SB RAS)
- Siberian Center for Environmental Research and Training (SCERT)
- Institute of Computational Mathematics and Mathematical Geophysics, Siberian Branch of the Russian Academy of Sciences (ICMMG SB RAS)
- Institute of Computational Modelling, Siberian Branch of the Russian Academy Of Sciences (ICM SB RAS)
- Siberian Regional Scientific Research Hydro Meteorological Institute (SRSRHMI)

ORGANIZING COMMITTEE

Co-chairmen:

Prof. A.A. Tishkin , Altai State University, Barnaul

Acad. V.V. Zuev, Institute of Monitoring of Climatic and Ecological Systems, SB RAS, Tomsk.

Conference Secretary:

Prof. N.F. Kharlamova, Altai State University, Barnaul.

Conveners:

E.P. Gordov, SCERT, IMCES SB RAS, Tomsk;

Dr. P.Ya. Groisman, NOAA NCDC, Asheville, USA,

Dr. V. Brovkin, MPI for Meteorology, Hamburg, Germany;

Dr. V.A. Krutikov, IMCES SB RAS, Tomsk;

Acad. I.I. Mokhov, A.M. Obukhov Institute of Atmospheric Physics RAS, Moscow;

Prof. A.V. Kislov, Lomonosov Moscow State University;

Dr. G.S. Rivin, Institute of Computational Technologies SB RAS;

Drs. V.V. Penenko and *V.I. Kuzin*. ICMMG SB RAS, Novosibirsk;

Dr. P.U. Pushistov, SRSRHMI, Novosibirsk;

Prof. V.N. Krupchatnikov, SRSRHMI, ICMMG SB RAS, Novosibirsk; IMCES SB RAS, Tomsk;

Dr. M.N. Zheleznyak, Melnikov Permafrost Institute SB RAS, Yakutsk;

Drs. U.I. Vinokurov, *V.A. Shlichkov*, and *I.A. Sutorikhin*, IWEP SB RAS, Barnaul; and

Profs. M.M. Silantyeva, *G.Y. Barishnikov*, and *O.V. Ostanin*, Altai State University, Barnaul.

Forms of participation:

- Oral and poster presentations;
- Conference attendance in person without report; and ;
- Virtual participation with publication of papers.

Moderate registration fee will be charged. For students, the fee will be discounted.

Conference languages are English and Russian.

Important Deadlines:

- *March 20, 2014*– Deadline for sending in registration forms (Appendix 1);
- *April 1, 2014* – Deadline for abstract submissions (Appendix 2)

Additional Information

Official invitation, information on the conference program and the dates of arrival will be sent in the newsletter before June 15, 2014. For further information please visit the conference website (<http://astro.uni-altai.ru/~orion/site/>).

All E-mail communications should be via 2014klimat@mail.ru

The participants are offered a post-conference field trip on Lake Teletskoye – UNESCO World heritage site. The trip is optional and at extra cost.

The conference program and proceedings will be distributed at a later date.

Organizing Committee Address:

656049, Russia, Barnaul, 61 Lenin prospect, Altai State University, Suite 504,
Organizing Committee of Conference **“Present-day achievements and challenges in environmental studies”**.

Conference e-mail: 2014klimat@mail.ru

Office telephone number – (3852) 291277;

Cell phone number – 89628124715 (Natalya Kharlamova)

Fax – (3852) 291250.

APPENDIX 1. REGISTRATION FORM

March 20, 2014 – Deadline for sending a registration form to the conference e-mail as an attached file.

First Name, Middle name, Last name of the author(s)	
Article name	
Science degree and title	
Conference theme (1,2 or 3)	
Company/Affiliation, City	
Address, Postal Code, Phone (office, cell phone) of the author(s)	
E-mail	
Form of participation (in person or virtual attendance)	
Postal Address and Code for sending published articles of the conference	

APPENDIX 2.

Requirements for preparation of the conference papers

Manuscripts are accepted for publication in electronic form. Filename is the name of the first author (for text files – E.G., Petrov.doc, for illustrations - Petrov_Fig1.jpg).

The text is submitted in Russian/English up to 3 pages (font Times New Roman, size 12, single spacing, and margins - 2 cm). A full reference of used works must be attached to the paper.

Samples of reference list (in order of appearance):

For monographs: Sherstyukov B.G. Changes, variability and fluctuation of climate. – Obninsk: RIHMI-WDC, 2011. - 294 p.

For articles: Gruza G.V., Rankova E.Y. Detection of climate change: state, variability and extreme climate // Meteorology and Hydrology, 2004. – № 4. – P. 50-66.

EXAMPLE OF ARTICLE TITLE

VARIABILITY OF AIR TEMPERATURE EXTREMES IN YAKUTIA

© G.B. Smirnov¹, I.S. Petrov²

¹Melnikov Permafrost Institute SB RAS, Yakutsk, *gf@yandex.ru*

²Altai State University, Barnaul, *geo@asu.ru*

Keywords: variability, extremes of temperature, Yakutia

Abstract. *The article states ... (not more than 5 lines)*

Text.....TextText