

**Russian Academy of Sciences
Siberian Branch
Institute of the Earth's Crust**

All-Russian meeting with the involvement of foreign researchers
«**Recent geodynamics of Central Asia and natural hazards: results of
quantitative investigations**»
and All-Russian youth school-conference on recent geodynamics
on September 23-29, 2012, Irkutsk, Akademgorodok

First Circular

Topics at Meeting: Recent geodynamics and geocology.

The purpose of the Meeting is to exchange the results and opinions on the situation and major problems of investigations related to recent geodynamics of the Central Asia and adjacent areas. The investigated sector of the Asia is characterized by high rates of the present-day tectonic deformations, high seismicity, and active exogenous processes. High geodynamic activity determines a broad range of geological processes occurring therein, whose hazard level increases with increasing human impact on the geological environment. The study of various aspects of geodynamics and related geological processes is of prime importance in planning measures to mitigate natural disasters. The most important topic on the Meeting is a quantitative approach to the study of processes and phenomena providing the possibility of their comparison and modeling. The Meeting will promote coordination among scientific institutions of the RF and a number of foreign research centers that pursue such investigations and training young researchers and students who specialize in recent geodynamics.

Major themes to be addressed at the Meeting

1. Main geodynamical factors determining natural hazards.
2. Quantitative assessments of the Late Cenozoic and present-day crustal motion within the Central Asia and sources for recent geodynamic activity.
3. Zones of the lithospheric destruction in the Central Asia: fault structure, stressed state, and inherited development at the present stage.
4. Seismicity as reflection of the present-day faulting.
5. Hazardous exogenous processes within the zones of recent geodynamic activity of the lithosphere in Central Asia.
6. Regularities of temporal variations in natural processes as a base for their prediction. Preventive measures to reduce the risk of natural disasters.

Besides scientific reports, the Meeting will comprise roundtables to discuss some problems and ways to coordinate further integration between research teams and individual participants from different institutions and countries. The youth school-conference program will include lectures in some aspects of recent geodynamics, by leading scientists.

The materials will be published before the beginning of the Meeting.

Sightseeing tour including a Decembrists Museum will be conducted during the Meeting's break. After the Meeting, the participants will hold their excursion to Lake Baikal visiting the Baikal Museum (Settlement of Listvyanka).

Organizing Committee co-chairmen are Prof. **E.V. Sklyarov**, Corresponding Member of the RAS, and Prof. **K.G. Levi**, Dr. Sci. (Geol.-Min.); *Scientific Secretary of the Meeting* is **V.A. Sankov**, Cand. Sci. (Geol.-Min.), a Head of the Laboratory of Recent Geodynamics, and *Working Group Leader* is **O.F. Lukhneva**, Cand. Sci. (Geol.-Min.).

Meeting Organizing Committee address: Institute of the Earth's Crust SB RAS, Lermontov Str., 128, Irkutsk, 664033, Russia.

Participants of the Meeting are required to fill in the online application form by March 31, 2012.

Organizational questions are to be addressed to Olga Fedorovna Likhneva, a Working Group Leader, E-mail: olgal@crust.irk.ru, Phone (O): +7(3952) 429-534.

The Organizing Committee will recommend editorial boards of the magazines covering relevant topics to publish the selected participants' papers.

The Second Circular of the Meeting and a complete list of the Organizing Committee members will be sent to the institutions and to the participants in May 2012.

The information on the Meeting is available on the IEC SB RAS' website:

www.crust.irk.ru.

***All colleagues are welcome to participate in the Meeting.
See you in Irkutsk!***

PREPARING THE MATERIALS FOR PUBLICATION

A text, a figure and a table (the latter two if helpful), the overall length limited to four A4 pages, are submitted online in Word format (Times New Roman Cyr, 12pt; 1.5 line spacing, alignment left; words syllabification is not marked; first line of each paragraph to be indented at 1.2 cm. Equations are inserted using Equation Editor.

The overall length is limited to four pages (about 9000 characters) including tables and figures. **Graphic objects** are limited to one figure and submitted in JPEG, TIFF (resolution 300 dpi) or CorelDRAW formats. *A figure caption is given separately at the end of the text material, unattached to the figure.* Graphics is not inserted in the text.

Electronic graphics should only be submitted in a file separate from that of the main text. **The references** cited in the text are presented numerically in square brackets.

THE ELECTRONIC MATERIALS ARE SUBMITTED BEFORE APRIL 30, 2012.

EXAMPLE OF PREPARING MATERIALS

A.A. Azarov¹, B.B. Borisov²

¹ Joint Institute of Physics of the Earth (JIPE) RAS, Moscow, Russia

² Geological Institute (GIN) RAS, Moscow, Russia

Recent geodynamics and seismicity in continental rift
zones

Text

References

1. Sidorov, B.B. (1995). – Seismicity of the Baikal rift. – Tikhookeanskaya Geologiya, 14, 5, 103-108 (in Russian) (*for magazines*).
2. Sidorov, B.B. (1975). – Faulting in the lithosphere. – Nauka, Moscow, 208 pp. (in Russian) (*for books*).
3. Ivanov, A.A. (1997). – Evolution of metamorphic regime of island arcs. *In: Evolution of island arcs of the Earth. – Proceedings of the Conference...*, GEOS, Moscow, 98-109 (for collections of materials).

You are invited to submit an electronic application form in which to answer some questions and present your personal data, contacts, and the title of paper and section. The information presented in the application will form the basis of the request for RFBR to support the Meeting.

Application form for participation in the All-Russian meeting on recent geodynamics is available through the reference:

<https://docs.google.com/spreadsheets/viewform?formkey=dGk2d3BncENDVk9iLXI3SXYtRG1DdGc6MQ#gid=0>

Meeting Organizing Committee