

FIFTH INTERNATIONAL SYMPOSIUM
dedicated to the 75th Anniversary of Yury A. Trapeznikov

**MODERN PROBLEMS OF GEODYNAMICS
AND GEOECOLOGY
OF INTRACONTINENTAL OROGENS**

**Bishkek
19-24 June, 2011**

FIRST CIRCULAR

Organizers:

- Department of the Earth's Sciences RAS
- Research Station RAS in Bishkek
- International Research Center – Geodynamic Proving Ground in Bishkek
- Institute of Geology NAS Kyrgyz Republic
- Institute of Seismology NAS Kyrgyz Republic
- Interdepartmental Tectonic Committee under the Department of the Earth's Sciences RAS
- Geological Institute RAS
- Schmidt Institute Physics of the Earth RAS
- Institute of Geomechanics and Mineral Exploration NAS Kyrgyz Republic
- Kyrgyz-Russian Slavic University
- Trofimuk Institute of Oil-and-Gas Geology and Geophysics, Siberian Branch of RAS

Objectives of the Symposium:

To discuss the modern state of the most important problems of geodynamics of intracontinental mountain-building and geoecology, including the mechanisms, energy sources and origin of intracontinental orogens, social, environmental, and ecological consequences of endogenous and exogenous geological processes

Language:

The Symposium working languages are English and Russian.

Responsible organizations:

- Research Station RAS in Bishkek
- International Research Center – Geodynamic Proving Ground in Bishkek;

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THE SYMPOSIUM THEMES

1. Modern geodynamics and problems of mountain-building: neotectonic structures, modern movements; influence of preorogenic structures on the development of neotectonic processes.
2. Tectonics and mechanisms of development of fold belts. Deep structure and instrumental methods of study of the intracontinental orogens lithosphere: heterogeneities, physical nature of boundaries.
3. Stressed and deformed state of the Earth's crust, problems of its block structure and self-similarity of geodeformation processes. Seismotectonics of intracontinental orogens zones.
4. Active geophysical monitoring. Problems of geospheres interaction, including the influence of physical fields on endogenous processes.
5. Geoelectrics, seismoelectromagnetism, and development of inversion methods.
6. Regional studies and seismic regime.
7. Environmental and social consequences of endogenous and exogenous geological processes, prediction of hazardous events (earthquakes, landslides, etc.)

On the 14th of June 2011, within the frameworks of the Symposium, in the conference hall of the Institute of Seismology NAS KR (Bishkek, Asanbay 52/1) we will hold a seismological section dedicated to the 100th anniversary of Kemin Earthquake 1911 (M > 8) "Evaluation of Seismic Risk on the territory of Central Asia and International Cooperation".

Materials and applications for participating in the seismological section should be sent with a mark - Seismological Section IS NAS KR.

**DEADLINE TO APPLY FOR PARTICIPATION
WITH THE SUBJECT OF YOUR PAPER**

February 15, 2011

- ◆ The Registration Form for Symposium participants together with abstracts must be sent to the Organizing Committee by e-mail (form attached).
- ◆ Second Circular and Symposium Program will be mailed not later than March 15, 2011.

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Further information will be sent to all colleagues declared their willing to participate in the Symposium and will be available on Web: <http://www.gdirc.ru/>,
<http://www.gdirc.kg/>

Place of Symposium:

International Research Center – Geodynamic Proving
Ground, Bishkek, Kyrgyzstan

PUBLICATION

The participants may submit (not obligatory) to the Organizing Committee:

- annotation (abstract) (no more than 1 page);
- extended abstract (no more than 4 pages);
- full printed version of paper (no more than 7 pages)

**All the materials should be e-mailed as the attach-
file (is obligatory) to:**
bataleva@gdirc.ru

All the materials should be submitted in Russian or in English no later than **March 15, 2011**

We plan to publish the Book of Abstracts by the Symposium opening. **The Organizing Committee will not edit the abstracts!** Full versions of papers may be reviewed.

**REQUIREMENTS TO ABSTRACTS AND
PAPERS**

- Paragraph 1 (on top)– author (s)' initials, surname (s), phone, fax, e-mail.
- Paragraph 2 – full name of the institution, city, country.
- Paragraph 3 – title of the abstract.
- Paragraph 4 – text of the abstract.
- Paragraph 5 – numbered reference list (references in the text should be in the form [1,2-]).

Format:

- Text edit – Microsoft Word
- Page format – A4
- Margins: top – 2 cm, bottom – 2 cm,
right – 3 cm, left – 3 cm
- Font – Times New Roman
- Type size – 12
- Lines with single spacing
- Tabulation – 1 cm

FIELD GEOLOGICAL EXCURSION

(25-27 June)

Three-day car-and-foot field excursion is planned in the area of Aktuz village, Chon-Kemin River, epicenter zone of Kemin Earthquake, Boom Canyon, Orto-Tokoi Reservoir, Kadji-Sai Village. Field clothes are desirable (footwear – mountain boots, jogging shoes). During the excursion we plan to show Grenville (1.1 billion years) gneisses, late Proterozoic gneisses and eclogites (700-800 million years), Permian large-porphyrific syenites (392 million years) etc.

Cost of ticket:

- CIS scientists representing nonprofit organizations – \$100
- Foreign scientists – \$300

Organizational fees:

- CIS scientists representing nonprofit organizations – \$50
- Foreign scientists – \$100

The organizational fee includes: meeting and transportation of participants to the place of Symposium, handouts, invitation to the unofficial dinner.

Free from organizational fee:

- one of the authors of the report, invited by Organizing Committee;
- young scientists, if their paper is approved by Organizing Committee.

Accommodation

During the last four Symposiums, foreign participants stayed in the hostel at Polygon, in the country hotel “Koi-Tash” (near the Polygon) or in hotels of Bishkek. Please specify your choice in the Registration form (see above).