

Ultramafic-mafic complexes of folded regions and its minerageny

*IV International conference
III school-seminar for early-career geoscientists*

Second Circular

August 27-31, 2012, Ulan-Ude – Lake Baikal



ORGANIZERS:

Geological Institute, Siberian Branch, Russian Academy of Sciences (GIN SB RAS),
Buryatian Division of the Russian Mineralogical Society

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Dear colleagues and friends,

The IV International conference and the III school-seminar for early-career "Ultramafic-mafic complexes of folded regions and their minerageny" will be held on August 27-31, 2012, in Enhaluk, Kabansk district, Republic of Buryatiya. We invite you to take part in this significant scientific event, which is related to IGCP project # 592 "Continental construction in Central Asia" sponsored by UNESCO-IUGS.

Those conferences are traditional. The 1st International conference "Ultramafic-mafic complexes of Precambrian folded regions" was dedicated to the 70th Anniversary of Prof. E.G. Konnikov and was held on September 6-9, 2005, in Enhaluk of Lake Baikal are. The 2nd conference "Ultrabasite-basite complexes of folded regions" took place in Chernorud, Olhon district, Irkutsk Region, on August 20-25, 2007. The 3rd meeting "Ultrabasite-basite complexes of folded regions and related deposits" was held in Kachkanar, Sverdlovsk Region, on August 28 - September 2, 2009.

Later, we organized two school-seminars for early career scientists: "Ore-bearing of ultramafic-mafic and carbonatite complexes of folded regions" in Goryachinsk, Transbaikalia Region, Republic Buryatiya, September 9-12, 2008, and "Geochemistry, petrology and ore-bearing of ultrabasite-basite complexes" in Chernorud, September 1-5, 2010.

Besides, we had a thematic session at the XI All-Russian petrographical conference in Ekaterinburg, August 24-28, 2010, and the VII Kosygin meeting "Tectonics, magmatism and geodynamics of East Asia" in Khabarovsk, September 12-15, 2011.

The IV United International conference and the III school-seminar for early career scientists "Ultramafic-mafic complexes of folded regions and its minerageny" are Professor E.V. Konnikov (1935-2012) memorial meetings.

The main topics of the conference are geochemistry, mineralogy and petrology of mafic-ultramafic complexes, which discussion is important for making progress in theoretical and applied geology will be interesting to many researchers. The Organizing Committee will provide as efficient as possible exchange of up-to-date scientific results obtained while studying mafic-ultramafic complexes and their useful mineralization. The top-level participants of the conference will make it an as important scientific event. We are sure that contribution of many professionals will give all of us a good opportunity to expand and exchange our research contacts.

The Organizing Committee cordially invites you to participate in this conference, which is organized by the Geological Institute, SB RAS, in cooperation with the Buryatian Division of the Russian Mineralogical Society.

The venue of the Conference is "Baikalskiy Zaliv" Tourist Center, Enhaluk, Kabansk district, Republic of Buryatiya, Lake Baikal shore. The transportation of participants will be from Ulan-Ude by buses with an on-route excursion to the Oshurkov apatite deposit (Utochkina pad' or Fersman outcrops).

CONFERENCE MAJOR TOPICS

- 1. Geology and tectonic setting of ultramafic-mafic complexes, geodynamic interpretation and mineragenic criteria.*
- 2. Petrology, mineralogy, and geochemistry of ultramafic-mafic complexes; mineralization forecasts.*
- 3. Isotope geochemistry of ultramafic-mafic complexes.*
- 4. Contact zones around ultramafic-mafic intrusions and their related mineralization.*
- 5. Experimental and digital petrologic modeling.*
- 6. Origin of ore mineralization of ultramafic-mafic complexes and their relation to petrogenesis, mantle sources and fluid regime.*
- 7. Non-ore mineralization of ultramafic-mafic complexes: composition, petrogenesis and distribution.*
- 8. Deposits and ore occurrences related to ultramafic-mafic complexes.*
- 9. Mineralization of ultramafic-mafic complexes and the methods of its processing.*
- 10. Methodological constraints of studying mineralogy, petrography and useful mineralization of ultramafic-mafic complexes.*

CONFERENCE LANGUAGES: RUSSIAN, ENGLISH

Time-limit of oral presentation is 20 minutes including answers. We provide computer with multimedia projector. The program MS PowerPoint97 is recommended for preparation of presentations.

ABSTRACTS

TITLE OF PRESENTATION (Time New Roman, Bold, Centered, 12)
A.B. Ivanov¹, B.A. Petrov², (TNR, Norm, Centered, 12, speaker underlined)
¹*Geological Inst. SB RAS, 670047 Ulan-Ude, ivan@bsc.buryatia.ru*
²*IGM SB RAS, 630090 Novosibirsk (Time New Roman, Italic, Centered, 12)*

Abstracts must be submitted before June 1, 2012, by e-mail as an attached file.

Up 4 pages in Format A4 including figures, tables, and references. Text should be prepared in MS Word, font Times New Roman 12, single-spaced, 1 cm tab, 2.5 cm round margins, not paginated. Figures and tables should be cited in brackets (fig. 1), (table 2), references – in square brackets [1]. Figures captions should be placed below figures (TNR, 10). *Acknowledgements are at the end of abstract, TNR Italics.* The list of references should be alphabetically arranged and separated from the text by 1 line.

1. Glazunov O.M., Bognibov V.I., Ekhanin A.G. Kingash PGE-Ni-Cu deposit. Irkutsk: Irkutsk State Tekhnological University, 2003. 192 p. (in Russian).

2. Ripley E.M., Lambert D.D., Frick L.R. Re-Os, Sm-Nd, and Pb isotopic constraints on mantle and crustal contributions to magmatic sulfide mineralization in the Duluth Complex // *Geochim. Cosmochim. Acta*. Vol. 62. N 19/20. P. 3349-3365.

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REGISTRATION – please, fill the registration form and send it to the Organizing Committee by e-mail as attached file before April 15, 2012.

The conference organizing fee is 3000 RR (free for students). The fee for excursion to the Yoko-Dovyren Massif is 12000 RR. The fee includes conference materials, transportation, coffee breaks, meals.

Deadlines:

June 1 – submission of registration forms

August 1 – distribution of invitations and conference program

August 17-26 – excursion to the Yoko-Dovyren massif

August 27 – leaving Ulan-Ude at 8 am, at Buryatia Hotel, arriving to Airport Baikal at 9 am 9:00 (waiting for flight S7-115 from Moscow), on-route excursion to the Oshurkovo Massif, check-in at the Tourist Center, registration, banquet.

August 28-30 – conference sessions, excursion to the Posolskiy Monastery

August 31 – leaving for Ulan-Ude, sightseeing, excursion to Verkhnyaya Beryozovka, check-in at the hotel.

September 1 – flight to Moscow (S7-116) at 9:40 am (local time).

Surname		PARTICIPANT REGISTRATION FORM of conference ULTRAMAFIC-MAFIC COMPLEXES OF FOLDED REGIONS AND ITS MINERAGENY To be filled and submitted to the
Name		
Scientific degree, title		
Affiliation		
Organization		
Address		

Phone (please mobile)		Organizing Committee <i>by 15th</i> <i>April 2012</i>
E-mail		
Authors, title of presentation		
Form of participation:		
Oral		
Poster		

The pre-conference excursion will be to the Yoko-Dovyren dunite-troctolite-gabbro massif in the Severobaikalsk Region (tent camping). The participants arrive to Severobaikalsk by railway or to Nozhneangarsk by air. The back trip to Ulan-Ude will be by air.

For hotel reservation please contact the Organizing Committee. Available hotels are Barguzin and Buryatia (economy class) or Sibir' and Baikal-Plaza (business class).

Welcome to Ulan-Ude and Lake Baikal!!!