

13-24 JUNE 2016 THE 8TH INTERNATIONAL SIBERIAN EARLY CAREER GEOSCIENTISTS CONFERENCE

NOVOSIBIRSK



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Geology, magmatism and metallogeny of Gorny Altai



**PROGRAM
of field trip**

18 – 24 June 2016



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Route of field trip

-  - "Chuysky Trakt (Chuya Highway)", Russian route M52 "Novosibirsk - Tashanta"
-  - cities and towns
-  - geological objects
-  - accommodation places

All the stops of the field trip are located along the Chuysky trakt – historical Russian highway, running through the Altai Mountains.

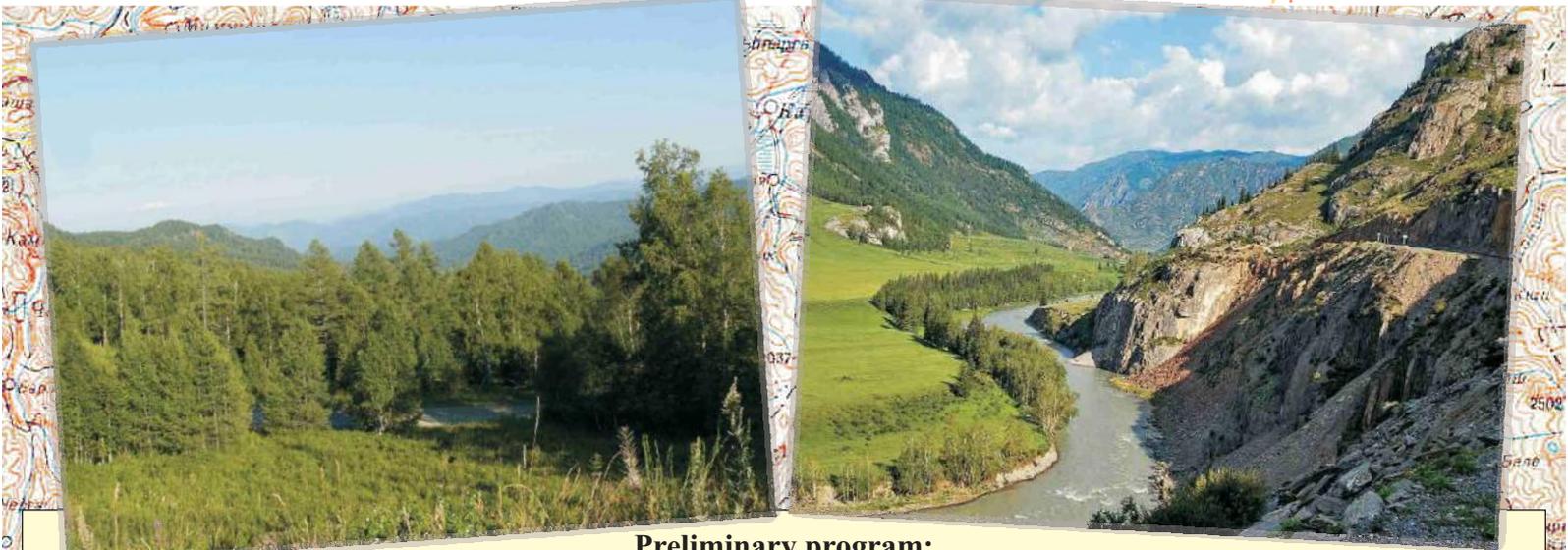
The geological program of field trip includes: the studying sedimentary, metamorphic and igneous complexes, showing the Early Paleozoic – Mezozoic geological history of the Altai region; the visiting gold, polymetallic and mercury deposits; the studying geomorphology and the Cenozoic complexes, showing the neotectonics of the Altai Mountains.

Maximum / minimum number of participants: 25 / 15

Fee: about 15 000 roubles (or 250 USD), including transportation, accommodation, food, field trip guidebook in English.

The cost may be changed depending on the number of participants.

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Preliminary program:

Day 1 (June 18, 2016)

8.00 a.m. – departute from Novosibirsk

Objects:

- confluence of Biya and Katun' rivers;
- outcrops of Permo-Triassic intraplate granites near the village Turochack;
- outcrops of the early Paleozoic amphibolites and garnet bearing amphibolites near the village Kebezen'.

The first overnight stop in the camping site on the bank of the Biya river (village Turochak) or the Isha river (village Choya).

Day 2 (June 19, 2016)

Objects:

- the mine “Vesyoliy” of Sinyukhinskoye gold deposit near the village Soyka;
- the early Paleozoic island arc basalts and greenschists of Katun' zone (near villages Cheposh and Elekmonar).

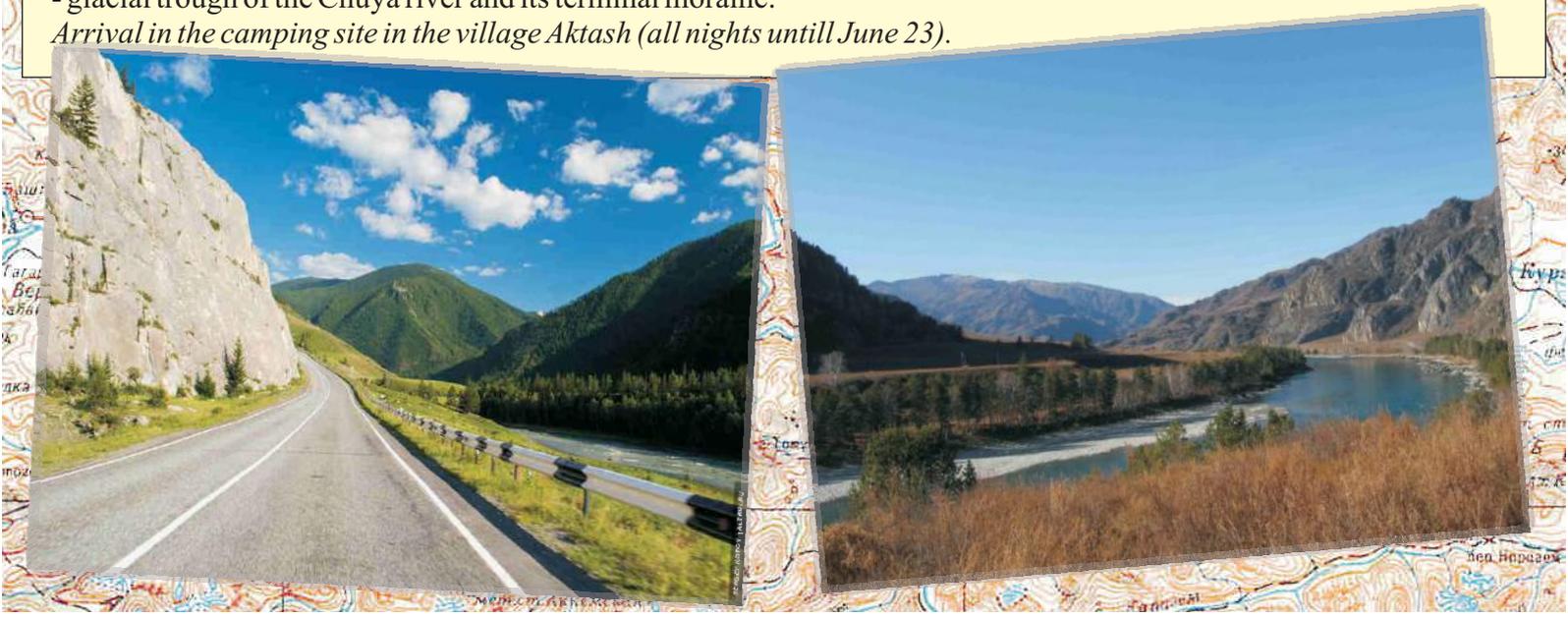
The overnight stop in the camping site on the bank of Katun' river (village Cheposh or Ust-Sema) or the Sema river (village Cherga).

Day 3 (June 20 2016)

Objects:

- the Devonian volcanic-plutonic complexes of the continental margin, Seminskiy pass;
- the Middle Paleozoic granitoids of active continental margin, mountain Chike-Taman pass;
- alluvial sediments of the Katun' river, severe flood traces and the rock-garden;
- confluence of the Katun' and Chuya rivers, terrace deposits complex;
- the early Paleozoic limestones with occurrence of fossils near the village Bely Bom;
- the Eneolithic, the Bronze Age and the Scythian (eighth to third centuries B.C.) petroglyphs;
- glacial trough of the Chuya river and its terminal moraine.

Arrival in the camping site in the village Aktash (all nights until June 23).



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Preliminary program:

Day 4 (June 21, 2016)

Objects:

- Kuraiskaya intermountain basin (steppe) and North-Chui ridge Северо-Чуйский хребет (“the Chuya Alps”);
- the early Paleozoic Chagan-Uzun ophiolites consisting of ultrabasites, blueschists, eclogites;
- Chuya intermountain basin (steppe) and structural unconformity of the middle Paleozoic and Paleogenic deposits (the Kyzyl-Chin river);
- Kyzyk-Chin Pb-Zn ore deposit;
- the Neogenic coal-bearing formation of Chuya basin.

Day 5 (June 22, 2016)

Objects:

- Aktash mercury deposit;
- the early-middle Paleozoic red beds in the gorge of the Chibitka river;
- the early Paleozoic metamorphic complex of accretionary-collisional prism (Kurai complex);
- high altitude lakes in the area between Chuya and Bashkaus rivers.

Day 6 (June 23, 2016)

8:30 a.m. - departute from the camping site and arrival in Biysk.

During the transfer we will visit some outcrops and places of interest, discuss actual issues of geology and metallogeny of the Altai Mountains.

9:00 p.m. - departute from Biysk (by train or by bus).

Day 7 (June 24, 2016)

6:30 a.m. – arrival to Novosibirsk.

