



## Preliminary program of the summer field school

### ***NATURE MANAGEMENT IN THE HIGH MOUNTAINOUS ARID TERRITORIES IN THE SOUTH OF WESTERN SIBERIA***

July 11-16, 2019

**School objective:** Understanding the basics and the specificity of nature management in high mountainous territories.

**The school participants will have the opportunity:**

- To learn about specific features of nature management under high mountainous arid conditions using the example of Kosh-Agach region in the Altai Republic;
- To become familiar with methods of identifying indicators of natural processes that determine the specificity of nature management in mountainous territories;
- To estimate the ecological state of natural complexes in the surveyed territory;
- To develop recommendations for improving the ecological state of natural complexes;
- To propose measures and forms of adaptation of local economy to changing environmental conditions.

#### **DAY 1**

(July 11, Thursday)

8-00 – 17-00 Transfer from your hotel to Beltir village (470 km).

13-00 – 13-30 Lunch.

13-30 – 14-15 Lecture *“Problems of nature management in the mountain territory of Siberia.”*

Homestay with local families in Beltir village.

17-00 – 18-00 Dinner.

18-00 – 19-00 Banya (Russian sauna).

19-00 – 21-00 Free time (sightseeing of Beltir village, excursion to the wellspring).

#### **DAY 2**

(July 12, Friday)

8-00 – 9-00 Breakfast.

9-00 – 10-30 Lecture *“Manifestation of endogenous processes: their harbingers and consequences.”* Drive along the Taltura River Valley to the landslide site. Studying the impact of the powerful earthquake of 2003.

10-30 – 14-00 Lecture *“Conditions for farmland distribution in the surveyed territory.”* Drive to the summer farm in the Dzhelo River Valley (from Beltir to Dzhelo 45 km).

14-00 – 15-00 Lunch.

15-00 – 18-00 Lecture *“Specific features of livestock breeding in the valleys of Taltura and Dzhelo Rivers.”* Walking tour in the surroundings of the farm (high-mountain pastures).  
18-00 – 19-00 Dinner.  
19-00 – 21-00 Free time and informal communication with local pastoralists.

**DAY 3**  
(July 13, Saturday)

8-00 – 9-00 Breakfast.  
9-00 – 18-00 Lecture *“Alpine and subalpine meadows. Natural objects of the valley. The specificities of the soil temperature regime.”* Walking tour to the terminal (end) moraine in the Dzhelo River Valley and back. Lunch (packed lunch boxes).  
18-00 – 19-00 Dinner.  
19-00 – 21-00 Free time and informal communication with local pastoralists.

**DAY 4**  
(July 14, Sunday)

8-00 – 9-00 Breakfast.  
9-00 – 13-00 Practical exercise *“Exogenous processes and their influence on the conditions of livestock fodder collection.”*  
13-00 – 14-00 Drive back to Beltir village. Lecture *“Water supply system for farmlands.”*  
14-00 – 15-00 Lunch in Beltir village.  
15-00 – 18-00 Drive to the tourist camp Mars. Lecture *“Arid conditions of high mountainous territory.”*  
18-00 – 19-00 Dinner at the tourist camp Mars.  
19-00 – 20-00 Discussion.  
20-00 – 22-00 Banya (Russian sauna). Free time.

**DAY 5**  
(July 15, Monday)

8-00 – 9-00 Breakfast.  
9-00 – 13-00 Walking tour to the weathering crust or Mars, as local people call it. Lecture *“Peculiarities of geological structure and formation of modern landscapes.”*  
13-00 – 14-00 Lunch at the tourist camp.  
14-00 – 17-00 Walking tour to the brown coal surface mines and archaeological site Chaltulak.  
17-00 – 18-00 Free time.  
18-00 – 19-00 Dinner.  
19-00 – 21-00 Presentation of the School participants’ recommendations for improving the ecological state of natural complexes and the proposals concerning the measures and forms that would help local economy to adapt to changing environmental conditions. Discussion.

**DAY 6**  
(July 16, Tuesday)

8-00 – 9-00 Breakfast.  
9-00 – 17-00 Trip back to your hotel or to Gorno-Altisk. Lunch on the way.

The School participants should be ready for very simple field (camping) conditions, changeable weather, absence of running water and laundry facilities, and, in some places, electricity. At the same time, they will have a perfect opportunity to rest from big noisy cities, to live a life of an ordinary nomadic herder, to sit by the fire, and to enjoy the starry sky.

It is highly recommended to have:

- a sleeping bag;
- comfortable (preferably hiking) boots;
- warm and waterproof clothes;
- sunglasses,
- sunscreen;
- a chap stick;
- a sun hat;
- headlamp or flashlight;
- towel and toiletries;
- rubber sliders for Russian sauna (banya).

The cost of participation is **\$1000** (including all events, food, lodging, transport, and translation services). The maximum number of participants is **15** people.

Registration is based on first come first served!

The deadline to register in order to participate in the Summer School is **April 11, 2019**.

Should you have any questions, please feel free to e-mail to Natalia Yurkova at [dipgasu@mail.ru](mailto:dipgasu@mail.ru)