



Institute for Water and Environmental Problems  
the Siberian Branch of the Russian Academy of Sciences

INSTITUTE OF GEOGRAPHY  
Russian academy of sciences



founded in 1918



Institute of Geology and Mineralogy  
the Siberian Branch of the Russian Academy of Sciences



Institute of Soil Science and Agrochemistry  
Siberian Branch of the Russian Academy of Sciences



IUSS Division 1 – Soils in Space and Time  
Commission 1.6 – Paleopedology

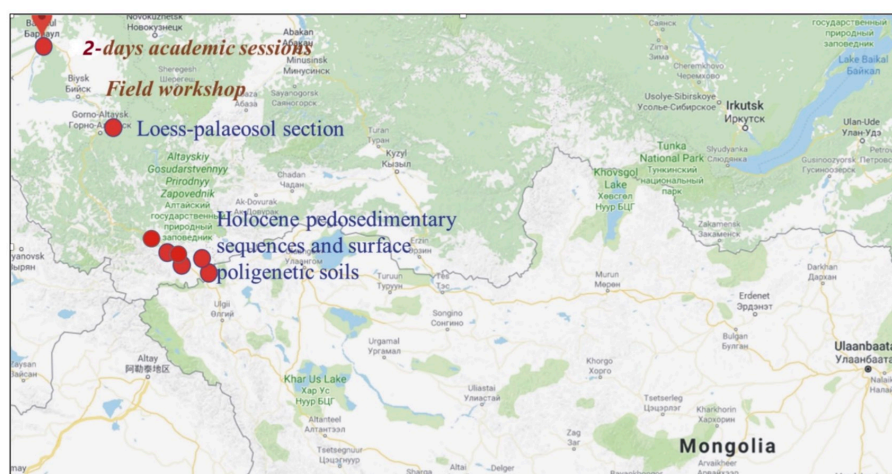


Dokuchaev Soil Science Society in Russia  
Commission on Paleopedology and Subcommittee on Micromorphology

## XIVth International symposium and field workshop on paleopedology (ISFWP-XIV) Paleosols, pedosediments and landscape morphology as archives of environmental changes Russia, Altai; August 15-23, 2020

Pleistocene and Holocene environmental history; glacial geoforms, dammed lake geoforms and deposits, seismic landslides and more!

This Symposium will include two-day academic sessions in Barnaul (western banks of the Ob River, Altai, Siberia), at the Institute for Water and Environmental Problems, Russian Academy of Sciences, Siberian Branch. The academic part will be followed by a field workshop (4 field working days and 2 travelling days), during which participants will travel across Russian Altai, from northwest to the very southeast and down to the Mongolian border. Explorations of interesting Pleistocene and Holocene soil-sedimentary sequences and specific elements of landscape morphology will be complemented by scenic views of Siberian Chernozemic steppes, high snow-topped mountains and varied landscapes, from mountain tundra and larch taiga to cold and desert steppes.



Locations of academic sessions (Barnaul) and sites of field workshop.

## **Organizing and program committee;**

**Chairs:** Olga Solomina (Institute of Geography RAS, Moscow, Russia); Alexandr Puzanov (Institute for Water and Environmental Problems SB RAS, Barnaul, Russia).

**Co-Chairs:** Maria Bronnikova (Institute of Geography RAS, Moscow, Russia & IUSS, Commission 1.6 Paleopedology); Elizabeth Solleiro Rebolledo (National Autonomous University of Mexico (UNAM), Mexico & IUSS, Commission 1.6 Paleopedology).

**Secretaries:** Yana Kuznyak (Institute for Water and Environmental Problems SB RAS, Barnaul, Russia); Julia Konoplianikova, (Institute of Geography RAS, Moscow, Russia); Julia Karpova (Institute of Geography RAS, Moscow, Russia).

**Members of organizing committee:** Elia Zazovskaya, Andrey Panin, Alexandra Gol'yeva, Andrey Dolgikh (Institute of Geography RAS, Moscow, Russia); Olga Elchininova, Dmitriy Bezmaternykh, Dmitriy Troshkin, Tamara Rozhdestvenskaya, Sergey Balykin, Ivan Gorbachev, Viktor Kalashnikov (Institute for Water and Environmental Problems SB RAS, Barnaul, Russia); Anna Agatova, Roman Nepop, Valentina Zykina, Vladimir Zykin, Anna Vol'vakh (Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia); Marina Lebedeva, Irina Kovda (Dokuchaev Soil Science Institute, Moscow, Russia); Maria Dergacheva, Evgeniya Gurkova (Institute of Soil Science SB RAS, Novosibirsk, Russia); Sergey Sedov (National Autonomous University of Mexico (UNAM), Mexico); Tobias Sprafke (Bern University, Switzerland & IUSS, Commission 1.6 Paleopedology); Alexandr Makeev, Galina Samoilova (Moscow State University, Moscow, Russia).

## **General schedule;**

- ▶ August 15 - Registration at the conference venue, academic sessions, welcome party.
- ▶ August 16- Academic sessions and sightseeing.
- ▶ August 17 - Visit to the Middle-Late Pleistocene Loess-paleosol sequence of Krasnogorsky in the north-east of the low mountain area of the Russian Altai, overnight stay in Gorno-Altai (the capital of Altai Republic) with a visit to the National Museum of the Republic of Altai.
- ▶ August 18 - Scenic journey from Gorno-Altai to Aktash to observe paleosols of the South-East Altai. The Chuya Highway (or "Chuysky Trakt") is among the top 5 of the most beautiful roads in the world, according to the National Geographic rating, Seminsky and

Chike-Taman passes, a confluence of Katun and Chuya Rivers, petroglyphs of Kalbak-Tash. Barbeque party on arrival.

- ▶ August 19 - Holocene pedosedimentary sequences in the Chuya River valley of the South-East Altai (Baratal, Sukhoi and Kuektanar sections). Surface polygenetic profiles with records of Holocene environmental history: Skeletic Kastanozem Cambic and Skeletic Cambic Calcisol Yermic, South-East Altai. Ice-dammed lakes paleo-shorelines, sediments of outburst floods, Giant gravel dunes in the Kurai basin, and Sukor multievent paleodislocation in the Chuya valley. Archaeological sites associated with various nomadic cultures: burial mounds (kurgans), balbals and stelae, iron smelting furnaces.
- ▶ August 20 - Polygenetic Holocene surface Calcisol in Chuya intermountain depression. Redeposited Neogene sediments with Pleistocene pedogenic features at the foot of the Kuray Ridge in the Chuya basin. Landforms and sediments related to major events of regional Pleistocene and Holocene environmental history: giant gravel dunes, Taldura seismically induced landslide, moraines of Chagan-Uzun glacier, Chagan section of Pleistocene glacial and glacio-fluvial deposits, fields of "drop-stones" and the Bigdon Paleolithic site.
- ▶ August 21 - Polygenetic Holocene Kastanozem, Late Pleistocene-Holocene pedosedimentary section, Cryic Histosol in Highlands of the Boguty valley. Landforms and sediments associated with the Holocene debris flow activity in the area.
- ▶ August 22 - Travel back from Kosh-Agach to Gorno-Altai.
- ▶ August 23 - Departure from Gorno-Altai airport.

### **Visa requirements;**

Participants are strongly advised to check in advance visa requirements in their nearest Russian Embassy or Consulate. Organizers will send an official invitation upon request.

### **Travelling and tourist service;**

There is no regular flight connection between Barnaul, Gorno-Altai and most international airports. Participants are recommended to fly via Moscow, but there are some other options that could be discussed at your request. The support of an affiliated tourist agency will be available. For those who fly via Moscow an additional cultural program could be offered.

## **Important dates;**

October-November 2019 - 2nd Circular, registration opens, call for abstracts.

April 1, 2020 - deadline for registration and submission of abstracts. As some of sites along the route are located within a state boarder area, we will need to apply for permission for every participant to enter this area, and the procedure takes time. Therefore, we need to set this early deadline for registration.

## **Fees;**

The preliminary calculated fee for participation in ISWP-XIV is 850 €. It includes flashcards with electronic version of the ISWP-XIV proceedings, and guidebook; printed version of the guidebook and final program, coffee breaks during the academic sessions in Barnaul, guided sightseeing in Barnaul and along the route of the field workshop; transportation, accommodation and all meals during the field workshop. Please note that accommodation, meals and transportation in Barnaul are not included. Low-cost participation in academic sessions only is possible at your request.

## **Notice of intent;**

Dear friends of paleosols, If you intend to participate ISFWP-2020 in Altai, please fill in the form below as your pre-registration and send it by e-mail to the Organizing Committee [paleosols2020@gmail.com](mailto:paleosols2020@gmail.com)

It is important to express interest at your earliest convenience due to the limited number of places. We will reserve places for the field workshop for pre-registered participants.

## **Pre-registration form;**

First name: \_\_\_\_\_

Family name: \_\_\_\_\_

Middle name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Position: \_\_\_\_\_

Scientific grade: \_\_\_\_\_

E-mail: \_\_\_\_\_

This is only a preliminary registration procedure. Please do not forget to register after the second call!

**Contacts:** Julia Konopliankova and Julia Karpova (secretaries of the organizing committee).  
[paleosols2020@gmail.com](mailto:paleosols2020@gmail.com)

Old  
cannel of  
Chuya  
River,  
1465 m a.s.l.



Chuja River valley, between  
Kuraj and Chuya basins,  
Sukhoj brook, 1635 m a.s.l.



Chuya valley, between Kuraj  
and Chuya basins, Kuyaktanar  
influx, 1730 m a.s.l.



Small lateral valley  
in Boguty river  
valley, 2472 m a.s.l.



Loess-Paleosol  
Sequence at the  
Krasnogorskoye  
Section, the  
Low-Hill Zone of  
the Northeastern  
Altai Mountains,  
300 m a.s.l.

Redeposited Neogene  
sediments with  
Pleistocene pedogenic  
features at the foot of  
Kuray ridge in the Chuya  
basin, 1780 a.s.l.

