



**RUSSIAN ACADEMY OF SCIENCES, URAL BRANCH:
INSTITUTE BOTANIC GARDEN**

**URAL FEDERAL UNIVERSITY NAMED AFTER THE FIRST
PRESIDENT OF RUSSIA B.N. YELTSIN**



**MAIN FORESTRY DEPARTMENT OF THE CHELYABINSK
REGION**

CHBRI "SATKINSKOE FORESTRY"



SATKINSKY MUNICIPAL DISTRICT



MINISTRY OF ECOLOGY OF THE CHELYABINSK REGION

PJSC "COMBINAT "MAGNEZIT"

PJSC "SREDNEURALSKIY COPPER-SMELTING PLANT"

ZURATKUL NATIONAL PARK



**XI All-Russian Scientific Conference with
International Participation
“The Biological Reclamation and Monitoring of
Disturbed Lands”**

September 12–16, 2022

The second information letter with changes!

Dear colleagues!

Russian Academy of Sciences, Ural Branch: Institute Botanic Garden and Ural Federal University named after the first President of Russia B.N. Yeltsin invite you to take part in the **XI All-Russian Scientific Conference** with international

participation, which will be held from **12-16 September 2022** in the city Satka, Chelyabinsk Region.

The purpose of the conference is to exchange views on topical problems of biological reclamation and monitoring of disturbed lands, coordinate scientific and scientific-practical research and discuss key research areas.

Website of our conference:

1. [Russian version](#)
2. [English version](#)

Satka 2022

SCIENTIFIC COMMITTEE

Vladimir Nikolaevich Bolshakov – Academician of the Russian Academy of Sciences, Advisor to the Russian Academy of Sciences, Doctor of Biological Sciences, Professor of the Russian Academy of Sciences, Institute of Plant and Animal Ecology of the Ural Branch of the Russian Academy of Sciences (Yekaterinburg, Russia)

Alexander Alexandrovich Martynyuk – Corresponding Member of the Russian Academy of Sciences, Doctor of Biological Sciences, Director of the All-Russian Research Institute for Sylviculture and Mechanization of Forestry (Pushkino, Russia)

Gennady Grigorievich Terekhov – Doctor of Agricultural Sciences, Head of the Forestry Department, Leading Researcher laboratories of reforestation, forest protection and forest management, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden, Honored Forester of the Russian Federation (Yekaterinburg, Russia)

Tatyana Borisovna Srodnykh – Doctor of Agricultural Sciences, Associate Professor, Professor of the Department of Landscape Construction, member of the Dissertation Council. D.212.281.01 Ural State Forest Engineering University (Yekaterinburg, Russia)

Alexander Sergeevich Shishikin – Doctor of Biological Sciences, Head of the Laboratory of Technogenic Forest Ecosystems, Sukachev Institute of Forest SB RAS, Federal Research Center SB RAS "Krasnoyarsk Science Center SB RAS", (Krasnoyarsk, Russia)

Alexey Yurievich Kulagin – Professor, Doctor of Biological Sciences, Chief Researcher, Head of the Laboratory of Forestry, Institute of biology Ufa science centre of RAS (Ufa, Russia)

Gleb Anatolyevich Zaitsev – Doctor of Biological Sciences, Professor, Chief Researcher, Institute of biology Ufa science centre of RAS (Ufa, Russia)

Dani Nurgisaevna Sarsekova – Doctor of Agricultural Sciences, Professor and Corresponding Member of the RAM, "S. Seifullin Kazakh Agro Technical University named after", Associate Professor of the Department of Forest Resources and Forestry (Nur-Sultan, Kazakhstan)

Petr Grigorievich Melnik – PhD, Associate Professor, Senior Researcher, of the Department of Forestry, Ecology and Forest Protection of the Bauman Moscow State Technical University; Senior Researcher of the Laboratory of Forest

Geobotany and Forest Soil Science of the Institute of Forestry of the Russian Academy of Sciences (Moscow, Russia)

Valery Nuretdinovich Nigmatullin – Acting Head of the Main Forest Department in the Chelyabinsk region (Chelyabinsk, Russia)

Alexander Nikolaevich Tashev – PhD, Professor of the Department of Dendrology, Faculty of Forestry, Forestry Engineering University (Sofia, Bulgaria)

Anton Mikhailovich Potapenko – PhD, Head of the Laboratory for Problems of Soil Science and Rehabilitation of Anthropogenically Disturbed Forest Lands, Forest Institute of the National Academy of Sciences of Belarus (Gomel, Belarus)

Sezgin AYAN – Doctor of Science, Professor at Kastamonu University, Faculty of Forestry, Department of Forestry (Kastamonu, Turkey)

Said LAARIBYA – Doctor of Forestry and Environment, Professor at Ibn Tofail University-Morocco, Geography Department (Kenitra, Morocco)

Ercan OKTAN – Doctor of Science, Professor Karadeniz Technical University, Faculty of Forestry (Trabzon, Turkey)

Ugur KEZIK – Doctor of Science, PhD, Karadeniz Technical University, Forest Engineering Department (former) (Trabzon, Turkey)

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Diana Olegovna Dushkova – PhD, Senior Researcher, Helmholtz Centre for Environmental Research - UFZ (Leipzig, Germany); Department Urban and Environmental Sociology, Peoples' Friendship University of Russia (RUDN University), Agrarian and Technological Institute (Moscow, Russia)

Maria Ignatieva – Doctor of Science, Professor of Landscape Architecture, Head of the Department (Architecture, Landscape Architecture + Urban Design) University of Western Australia, School of Design (Perth, Australia)

Victor Vladimirovich Valdayskikh – Doctor of Science, Director of the Botanical Garden "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)

Galina Grigorievna Borisova – Doctor of Science, Senior Researcher, Professor of the Department of Experimental Biology and Biotechnology, "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)

Tatyana Aleksandrovna Radchenko – Doctor of Science, Associate Professor, Director of the Department of Earth and Space Sciences "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)

ORGANIZATION COMMITTEE

Conference Chair

Sergey Leonidovich Menshchikov – Doctor of Agricultural Sciences, Head of the Laboratory "Ecology of Technogenic Plant Communities", "Russian Academy of Sciences, Ural Branch: Institute Botanic Garden" (Yekaterinburg, Russia)

Co-chairs

Irina Vladimirovna Petrova – Doctor of Biological Sciences, Director of the "Russian Academy of Sciences, Ural Branch: Institute Botanic Garden" (Yekaterinburg, Russia)

Alexander Viktorovich Germanenko – Doctor of Physics and Mathematics Sciences, Associate Professor, Vice-rector for science "Ural Federal University named after the first President of Russia B. N. Yeltsin", (Yekaterinburg, Russia)

Andrey Nikolaevich Kupriyanov – Doctor of Biological Sciences, Professor, Head of the Department "Kuzbass Botanical Garden" of the Federal State Budgetary Scientific Institution "FRC UUH SB RAS", Chairman of the Council of Botanical Gardens of Siberia and the Far East (Kemerovo, Russia)

Organizing Committee Members

Nadezhda Aleksandrovna Kuzmina – Researcher, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden (Yekaterinburg, Russia)

Margarita Aleksandrovna Glazyrina – PhD, Senior Researcher, Associate Professor in the specialty "Ecology", "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)

Pavel Evgenievich Mokhnachev – PhD, Senior Researcher, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden (Yekaterinburg, Russia)

Natalia Valentinovna Lukina – PhD, Senior Researcher, Associate Professor in the specialty "Ecology", "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)

Svetlana Georgievna Makhneva – PhD, Senior Researcher, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden, Associate Professor (Yekaterinburg, Russia)

Elena Ivanovna Filimonova – PhD, Researcher, "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)

Konstantin Evgenievich Zavyalov – PhD, Researcher, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden" (Yekaterinburg, Russia)
Vadim Malikovich Rakhimov – Head of the Satka forestry (Satka, Russia)
Victoria Dmitrievna Gorbunova – Senior Engineer, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden (Yekaterinburg, Russia)
Maria Georgievna Maleva – PhD, Associate Professor, "Ural Federal University named after the first President of Russia B. N. Yeltsin" (Yekaterinburg, Russia)
Alexey Sergeevich Evstyugin – Senior Engineer, Russian Academy of Sciences, Ural Branch: Institute Botanic Garden (Yekaterinburg, Russia)
Oksana Yuryevna Sheina – Quality Director of PJSC "Combine" Magnezit" (Satka, Russia)

The program of the scientific conference provides for plenary session, breakout sessions and a poster session in the mode of face-to-face and *online* participation (via the Zoom platform) in the following areas:

1. Ecological foundations of biological reclamation of disturbed lands, the results of experimental work.
2. Geochemical assessment and monitoring of the state of disturbed, reclaimed and degraded areas.
3. Ecotechnologies in urban greening.
4. Biological productivity and carbon deposition in technogenic landscapes.

Working languages: Russian and English.

For remote participation, it is necessary to send the presentation of the report in advance (by August 15, 2022) to the Organizing Committee (recultivation2022@mail.ru). Before the start of the conference, you will be sent the conference program, the time of your report (the time will be indicated locally in city Yekaterinburg) by e-mail or WhatsApp, Viber link to access the online mode of the conference.

FINANCIAL CONDITIONS

In order to reimburse organizational expenses, conference participants must pay an organizational fee.

With full-time participation, the conference participants pay a registration fee in the amount of 2000 ₺ (the price includes: a set of participants, coffee breaks, excursions to the city Satka, to the Zyuratkul National Park, to the quarry and experimental reclamation sites of the 80s, a visit to the Magnesite Museum, an electronic collection of conference materials).

For students and postgraduates, the registration fee is 1000 ₺.

For *online* participants, the registration fee is 500 P. (Organization of the Zoom platform, electronic collection of conference materials).

An article for the journal (HAC) should be sent to our email address recultivation2022@mail.ru, do not send it to the journal! The organizing committee will send articles to the editor. Payment is made to the editorial office of the journal, after the approval and editorial editing of the article in the amount of the cost of one issue of the journal, the printed version will be sent to the author after the publication of the article.

Payment of the registration fee is a prerequisite for participation in the conference and publication of materials (electronic collection of conference materials, articles by HAC – Higher Attestation Commission). Please inform the Organizing Committee after payment.

Please send a scan or photo of the document confirming the payment to the Organizing Committee e-mail address recultivation2022@mail.ru or on WhatsApp, Viber by phone number +79221744288 Nadezhda Kuzmina.

Payment of the registration fee is possible in cash to the Organizing Committee or by transfer to a bank account.

Details for the transfer of the registration fee:

**Bank - URAL BANK SBERBANK PJSC
BIC bank 046577674
Bank checkpoint 665843001
TIN of the bank 7707083893
Cor/Bank account 301018105000000000674
p/s (personal account) 40817810116543063186
Card number 4276 1615 1501 7993
Recipient Gorbunova Victoria Dmitrievna**

Details for currency transfers

**SWIFT- code SABRRUMM
Beneficiary Name URALSKII BANK PAO SBERBANK
Beneficiary bank Sberbank, Moscow, Russian Federation
Payee account 40817978516541075126
Beneficiary Name Gorbunova Viktoriia Dmitrievna**

VENUE AND ARRIVAL OF THE CONFERENCE PARTICIPANTS

The conference will be held in the city Satka, Chelyabinsk region, Russia. Conference participants independently get to the conference venue by any convenient means of transport. The nearest airports are located in the cities of Ufa, Chelyabinsk and Yekaterinburg, from which there are regular buses and railway transport to Satka (to the Suleya station).

From Yekaterinburg to Satka and back, a centralized transfer of conference participants by bus will be organized, departure is tentatively scheduled for September 12 at 12:00, back on September 16 at 12:00, the cost will be 2000 ₺ (information on booking seats and payment will be given in the 3rd information letter).

Accommodation of participants

Accommodation is reserved for the participants of the conference in "LaVita LLC" Medical and preventive Center" (<https://www.lavita74.ru/kopiya-gostinichnyj-kompleks>).

Price list for hotel services of LLC" Medico-preventive center" (preliminary)

Type of room	The price of a place/day/₺ (without meals) incl. VAT 20%	The price of a place/day/₺ (with three meals a day) Including VAT 20%
Room with 2 beds	950-00	1450-00
Room with 3 beds	850-00	1350-00
Superior room with 3 beds	1100-00	1600-00
Superior room with 2 beds	1200-00	1700-00
Superior room with 1 bed	1400-00	1900-00
Semi-suite single	2100-00	2600-00
Semi-suite double	1650-00	2150-00
Cottage Main place	2000-00	2500-00
Cottage Extra space	550-00	1050-00

If the guest chooses an accommodation without meals, the cost is as follows:

Breakfast - 120 rubles.

Lunch -230 rubles.

Dinner – 150 rubles.

Including VAT 20 %

We kindly ask you to inform the organizing committee by August 25, 2022 in which city you are arriving and by what transport, specify the date, time of arrival and whether a meeting is necessary, as well as the date of arrival, dates of stay, room categories, phone number.

Participants can also book a hotel in Satka on their own. Below are the accommodation options in Satka that you can book yourself.

Accommodation options in hotels in Satka, Chelyabinsk region

No	Name	Address	Number of rooms	Cost of accommodation / day/₽
1.	Victoria Hotel http://otel-satka.ru/	Chelyabinsk region, Satka, Kalinina str., 6 (tel. 8 (35161) 3-35-04)	10	7 Single rooms: 2500 (per room) 4 Suites: 3000 (per room)
2.	Hotel” Old Town” http://s-laguna.ru/stariygorod.htm <u>1</u>	Chelyabinsk region, Satka, Bocharova str., 10 (tel. 8 (35161) 3-20-24)	23	Standard – 2000 (Per seat) Luxury - 2300 (Per seat)
3.	The Silver Hoof Hotel is one of the hotels near the territory of the Sonkina Laguna entertainment complex https://vk.com/wall303335124_9751	Chelyabinsk region, Satka, Bocharova str., 1 (tel. 8 (35161) 5-95-65, cell. +79823457067)	40	12 Double rooms – 3200 (per room) 7 Double rooms – 4100 (per room) 2 Single rooms – 2100 (per room)
4.	SatTurn Hotel https://satturn.ru/	Chelyabinsk region, Satka, Kalinina str., 19 (tel. 8 (351)220-17-16)	20	1100 - 1300 (breakfast included)
5.	Hostel” Velvet” https://hostel-	Chelyabinsk region,	25	from 500

	1376.business.site/	Satka, Lenin str., 2 (cell +79823123900)		
6.	Mini-hotel” Satka”	Chelyabinsk region, Satka, ul. 50 years of the Komsomol, 1A (cell.+7908702285 0)	22	600
7.	Guest house” Visit” https://vizit174.ru/	Chelyabinsk region, Satka, Trading street, 6 (cell. +79194083633)	20	1400-3800

IMPORTANT DATES:

Sending a first newsletter	until November 30, 2021
Reception of registration forms abstract of reports	until February 07, 2022
Sending a second newsletter	until February 17, 2022
Acceptance articles HAC	until May 20, 2022
Acceptance of conference materials in the electronic collection	until June 15, 2022
Acceptance of registration fees	until August 01, 2022
Distribution of the third newsletter	until August 01, 2022
Distribution of the conference program	until September 01, 2022

Contact details:

Conference e-mail address: recultivation2022@mail.ru

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 Tel.: +7(922)105-50-81 Margarita Alexandrovna Glazyrina

REQUIREMENTS FOR SUBMITTED MATERIALS AND THE DESIGN OF ARTICLES (only registered participants)

1. Requirements for the conference materials in an electronic collection

The volume of materials is up to 4 A4 pages in Russian or English. Times New Roman font, size 12, single line spacing, margins of 2 cm on all sides, paragraph indentation in the text – 1.25 cm, width alignment, automatic hyphenation, decimals are separated by a comma. When writing dates, dimensions of variables, etc., use an unbroken space. After the dot, comma, colon and semicolon, set one space. It is not allowed to use more than one space between words. Page numbering is not required. When typing, pay attention to the use of a hyphen (-) and a dash (–) (keyboard shortcut Ctrl + "minus" on a small keyboard). When using abbreviations in the text (other than the generally accepted ones), it is necessary to give their interpretation (in the text or in the notes).

Latin names of species and genera are italicized. At the first mention, the Latin name of the species is written in its entirety, at the subsequent ones - the generic epithet is abbreviated, Russian names are not abbreviated. Tables and figures are placed and numbered inside the text, with a mandatory link. The drawings should be duplicated as a separate file in the format .jpg (300 dpi), the title by the surname of the author of the publication and the number of the drawing.

References to literature are given in the text in square brackets: [1] or [2-6]. The numbering of sources in the list of references should correspond to the order of references to them in the text. When referring to an electronic resource, pages are not specified. Materials are issued only in book format.

Structure of the article

1. UDC (uppercase letters, bold font, left alignment).
2. The title of the article in Russian and English (uppercase letters, bold font, center alignment).
3. Surname(s) and initials of the author(s) in Russian and in English transliteration (separated by an empty line, bold italics, right alignment).
4. The name of the institution, city, country and e-mail address (italics, right alignment).
5. Keywords in Russian and English (separated by an empty line, italics).
6. Abstract (in Russian and in English).

The abstract to the article should be:

- * Informative (do not contain common words);
- * Original (not to be a tracing paper of a Russian-language annotation with a literal translation);
- * Informative (reflect the main content of the article and research results);

- * Structured (follow the logic of the description of the results in the article);
 - * "English-speaking" (must be written in high-quality English);
 - * Compact (fit into a volume of 100 to 250 words), according to GOST - 850 characters, at least 10 lines.
7. The text of the article (separated by an empty line).
 8. Thanks, support (through an empty line, italics).
 9. List of references.

Sample design of the article

UDC

TITLE OF THE ARTICLE

¹*Surname, name and patronymic*

¹*The name of the university or organization, city
e-mail:*

Keywords: 4-5 words

Abstract: 100 words

TITLE OF ARTICLE

¹*FULL name in English transliteration*

¹*The name of the university or organization in English
e-mail:*

Key words: in English

Abstract: in English

XXXXXXXXXXXXXXXXXXXXXXXXXXXX *Pinus sylvestris* L. XXXXXXXX XXXXXXXX, XXXXXXX 1,34 cm XXXXXXX. XXXXXXX XXXXXXXX [3] XXXXXXXXXXXXXXX XXXXX (table. 1) XXXXXXXX XXXXXXXXXXXXXXX XXXXXXXX (figre. 1).

Table 1 - Name of the table

Thanks. *Text* (written at the request of the authors).

References

1. Nosyrev V. I. Harmful effects of magnesite dust on woody vegetation // Forestry. 1962. No. 1. pp. 18-21.
2. Alekseev V. A., Lyanguzova I. V. The influence of pollution on changes in the morphostructure of trees // Forest ecosystems and atmospheric pollution. L.: Nauka, 1990. pp. 87-94.
3. Borisov M. Ya. The state of the soil cover of the Vozhegodsky district [Electronic resource] // Local history Almanac. Vologda, 2008. Issue 2. Access mode: URL: <http://www.booksite.ru/fulltext/voj/ega/5.htm#14>.
4. Barkan V. Leaching of nickel and copper from soil contaminated by metallurgical dust // Environ. Int. 2002. V. 28, № 1–2. P. 63–68.

The file must be named by the surname of the first author in Latin (Petrov.rtf). The articles will be published in the collection of materials in the author's edition. The authors are fully responsible for the materials provided.

2. Requirements for the design of articles for the journal "Forest Bulletin/Forestry Bulletin"

An issue dedicated to the conference will be published in the journal "Forest Bulletin/Forestry Bulletin" (included in the list of HAC). Rules for the design of articles and conditions for publication on the site: <https://lesvest.msfu.ru/rules.shtml>.

The completed articles must be sent by **May 20, 2022 by e-mail recultivation2022@mail.ru.**

The Organizing Committee reserves the right to reject any manuscript based on the lack of scientific novelty of the results (if the authors' results were fully or partially published earlier), or as contrary to the author's instructions or ethical standards.

If you have any questions, you can ask the Organizing Committee.

Sincerely,

The Organizing Committee