

Dokuchaev Soil Science Society



INFORMATION LETTER No. 1

IX Congress of the Dokuchaev Soil Science Society

Kazan
(12 - 16 August 2024)

Moscow – Kazan
2024

Dear colleagues!



In accordance with the charter and decision of the Central Council, the IX Congress of the Dokuchaev Soil Science Society will take place in Kazan from August 12 to 16, 2024 at the Kazan (Volga Region) Federal University.

***IX Congress of the Dokuchaev Soil Science Society will be held under
the motto
“Soils – the support of Russia”***

The congress includes a scientific program, a delegate meeting and scientific field excursions.

The scientific program consists of a plenary session, symposiums, sections (commissions, subcommittees and working groups) and round tables.

The delegate meeting hears reports from the Central Council and the Audit Commission of the Society on the work for the inter-congress period 2022-2024 and conducts elections of the Company’s governing bodies for the next term. Before and after the congress, multi-day scientific field excursions will be conducted and one-day field excursions will be conducted during the congress.

Congress calendar plan

August 11 – Arrival, registration of participants. Excursion around Kazan

August 12 – Opening of the congress. Plenary sessions.

August 13 – Work of Symposiums.

August 14 – One-day field trips

August 15 – Work of commissions, round tables.

August 16 – Continuation of the work of the commissions. Delegates meeting. Closing of the congress.

August 17 – Departure of participants

August 17-20 – Multi-day scientific field excursions

Conditions for participation in the congress

Delegates, authors of commissioned reports, reports at plenary sessions and symposiums, authors of abstracts of reports accepted for publication can take part in the work of the congress, and it is also possible to participate without a report.

The norm of representation at the congress is one delegate from 10 members of the Society and one delegate from a collective member.

Delegation powers also have:

- 1) Members of the Central Council and the Audit Commission of the Company;
- 2) Honorary members of the Society;
- 3) Chairmen and secretaries of commissions, subcommittees and working groups;
- 4) Chairmen of all branches of the Society;
- 5) Authorized representatives of the Society's cells in Moscow and the region, provided that the number of Society members in them is 10 or more people.

SCIENTIFIC PROGRAM OF THE CONGRESS

I PLENARY SESSIONS

At the plenary sessions, reports will be heard on actual problems of modern soil science, agriculture, soil melioration, as well as the global functions of soils and soil cover in the biosphere and human life.

II WORK OF SYMPOSIUMS

Seven symposiums are planned. At the symposium, only reports from invited leading scientists will be heard.

1. Soils. Climate. Carbon. (RAS academician A.L. Ivanov, N.V. Lukina, E.M. Lapteva).
2. Geoinformation technologies. Digital farming. (corresponding member of the RAS S.A. Shoba, K.G. Giniyatullin).
3. Soil archives of paleoecological information (corresponding member of the RAS A.O. Alekseev, N.O. Kovaleva).
4. Landscape-ecological problems of agronomic soil science (RAS academician V.I. Kiryushin, D.N. Kozlov, N.I. Dobrotvorskaya, E.V. Smirnova).
5. Bioinert interactions: biochemistry, biodiversity, microbiology and advanced biotechnologies (S.N. Chukov, S.Yu. Selivanovskaya, A.L. Stepanov, T.V. Alekseeva).
6. Soil formation and reclamation in technogenic landscapes: current state of the problem and development prospects (V.A. Androkhanov, O.A. Makarov, E.V. Abakumov, D.V. Ivanov).

7. Horizons of genetic soil science. Dedicated to the memory of V.O. Targulyan.
(Goryachkin S.V.)

III WORK OF SECTIONS

At the section meetings, selected on the basis of submitted theses on the topics of commissions and subcommittees, oral and poster presentations are provided.

- (A) I Commission. Physics of soils. Physico-mechanical properties of soils and technology.
- (B) II Commission. Soil chemistry.
- (C) Subcommittee. Soil organic matter.
- (D) Subcommittee. Chemical contamination of soils.
- (E) III Commission. Soil biology.
- (F) IV Commission. Agrochemistry and soil fertility.
- (G) V Commission. Genesis, geography and classification of soils.
- (H) Subcommittee on agroecological and cadastral assessment of soils and lands.
- (I) Subcommittee on Forest Soil Science.
- (J) Subcommittee. Soils and environment.
- (K) Subcommittee. Soil mapping: principles and methods.
- (L) Subcommittee on Soil Micromorphology.
- (M) Subcommittee. Red Book and special soil protection.
- (N) Working group on research of chernozems.
- (O) Working Group on Permafrost Soils.
- (P) Working Group on Arid Lands.
- (Q) Working group. Soils and global climate change.
- (R) Working Group. Regulatory and legal support for the protection and use of soil resources.
- (S) Paleosoil Science Commission.
- (T) VI Commission. Soil reclamation.
- (U) Subcommittee on Reclamation of Hydromorphic Soils.
- (V) Subcommittee on reclamation of disturbed and contaminated lands.
- (W) Subcommittee on Soil Erosion Conservation.
- (X) VII Commission. Soil mineralogy.
- (Y) Pedometrics Commission.
- (Z) Commission on Education in Soil Science.
- (Z) Commission on history, philosophy, sociology in soil science.

If necessary, section meetings can be combined.

Round tables on scientific and applied topics are planned.

IV RESEARCH FIELD EXCURSIONS

ONE-DAY TOURS – August 14, 2024 (the estimated cost of the tours is indicated, the conditions and details for payment will be provided in subsequent information letters).

1. Soils of the state regional order of landscape profile “Chulpan” (bus excursion)



Familiarization with soils, developed in the conditions of adaptive landscape agriculture, has led to the prevention of erosion and restoration of eroded soils over the past 50 years. Conference participants will see the results of the project to restore disturbed soils, which began in the second half of the 20th century.

The cost of the tour is 3000 rubles.

2. Excursion to the Tatar Scientific Research Institute of Agriculture "TATNIISKH"

Acquaintance with new varieties of agricultural plants for the Republic of Tatarstan. Visit to the seed fund collection of breeding achievements, field experiments on the introduction of new plants.



The cost of the tour is 3000 rubles

3. Soils of the Volzhsko-Kamsky State Natural Biosphere Reserve, features of soil formation on the floodplain terraces of the Volga river (bus tour Kazan-Raifa-Kazan). Visit to the Raifa Bogoroditsky Monastery.



Acquaintance with soils formed on the river terraces above the floodplain of Volga river. Visit to the Volzhsko-Kamsky State Natural Biosphere Reserve (acquaintance with the nature museum of the reserve and one of the oldest arboretums in Russia). Visit to the Raifa Bogoroditsky Monastery. The cost of the tour is 4500 rubles.

4. Features of soil formation on variegated clays of Permian deposits (bus tour along the route Kazan-Pechishchi-Rudnik-Sviyazhsk-Kazan)

Acquaintance with the stratotype section of rocks of the Kazan stage of the Permian period (a natural monument included in the UNESCO list – the Pechischi complex).



Acquaintance with soddy-podzolic soils formed on red-colored eluvium of Permian rocks (object of the Red Book of Soils of the Republic of Tatarstan). Visit to the State Historical and Architectural Museum-Reserve “Island-city of Sviyazhsk”.

The cost of the tour is 9600 rubles.

5. Excursion to the Agrobiotechnopark of the Kazan State Agrarian University (Laishevsky district of the Republic of Tatarstan)

The excursion includes acquaintance with the innovative environment for the development and testing of competitive technologies in agriculture and sustainable development of rural areas, acquaintance with arable gray forest soils.



The cost of the tour is 3000 rubles.

MULTI-DAY EXCURSIONS August 17 - 20

(the estimated cost of the tours is indicated, the terms and payment details will be provided in subsequent information letters)



1. Patterns of soil formation in the middle reaches of the Kama river (Elabuga)

Acquaintance with stratotype sections along the river bank. Kama, exposing rocks of the upper stages of the Permian, located in the eastern regions of the Republic of Tatarstan. Acquaintance with the patterns of soil formation in the south-eastern region of the Predkamye region of the Republic of Tatarstan. Visit to the

archeological monument of the Volga Bulgaria period “Devil's Settlement”. Visit to the museum-estate of the cavalry maiden Nadezhda Durova, the house of the museum of the artist I.I. Shishkin, the house-museum of the poetess Marina Tsvetaeva and the literary museum “Marina Tsvetaeva Center”. The duration of the excursion is 2 days (2 nights).

The cost of the tour is 26000 rubles.

2. Excursion to the Bulgar Museum-Reserve



Visiting the historical sites of the archaeological reserve of the city of Bolgar, getting acquainted with the cultural layers and buried soils of the complex. The duration of the excursion is 2 days (1 night).

Tour cost: 17000 rubles.

V KEY DATES

July 15, 2023 – 1st information letter sent out

August 1, 2023 – start of electronic registration and acceptance of abstracts for participation in the congress

April 1, 2024 – registration ends, end of acceptance of abstracts, end of early payment of registration fees. Distribution of the II information letter.

July 1, 2024 - end of late payment of registration fees. Distribution of III information letter.

August 11, 2024 – arrival and registration of participants

August 12 - 16, 2024 – work of the congress

August 16, 2024 – closing of the congress

VI PARTICIPANT QUESTIONNAIRE, REGISTRATION FEE, ABSTRACTS

To participate in the IX Congress of the Dokuchaev Soil Science Society must be filled out before April 1, 2024, the electronic registration form at the link: <https://kpfu.ru/glavnaya/soilkazan2024/registraciya>. Official invitations (if necessary) will be sent to the email address specified during registration. Each author can submit one abstract, where he can be the first author (not counting commissioned reports). The number of abstracts submitted in co-authorship is not limited. Abstracts must contain new unpublished materials that correspond to the scientific program of the sections.

The registration fee includes payment for the convention participant package, coffee breaks, welcome buffet, and press center services. The abstracts will be published in an electronic collection.

Details for paying the registration fee will be published on the Congress website. A copy of the document confirming payment of the registration fee must be sent to the address of the organizing committee of the congress: soilKazan2024@mail.ru (Elena Vasilievna Smirnova)

Registration fee	Early registration (until April 1, 2024)	Late registration (until July 1, 2024)
For members of the Dokuchaev Soil Science Society	4000 rub.	5000 rub.
For other colleagues	5000 rub.	6000 rub.
For undergraduate and graduate students (provided that the student/graduate student is a full-time student and is the only author; a certificate from the dean's office must be attached to the abstract)	1000 rub.	1500 rub.

Requirements for the presentation of report abstracts

Abstracts of no more than 2 pages of printed text are typed in Microsoft Word, Times New Roman font, font size 12, 1 spaced, all margins 2 cm. A space is required after punctuation marks and numbers. Aligns all text to the left. Indents (red line) and spaces at the beginning of lines, as well as word wrapping, bold font,

and underlining are not allowed. The use of italics is permitted only when writing Latin species names. References and bibliography are not provided. Abbreviations must be spelled out in the text. It is allowed to insert one figure or one table into the text of the abstract. The use of mathematical and chemical formulas should be avoided; If their use is necessary, authors are recommended to use the capabilities of Word when preparing them. At the beginning of the abstract the UDC index is indicated; on the next line - the title of the report in CAPITAL LETTERS; on the next line the surname(s) and initials of the author(s); even lower is the name of the institution (without brackets), city (without the designation “city”), e-mail; below is the main text. If the authors work in different institutions, after the author’s surname and initials there is a number corresponding to the number of the institution in the list (see example below). The text must be carefully proofread, without stylistic or spelling errors.

Scientific and technical editing of abstracts is not provided by the Organizing Committee. If the formatting rules are violated, abstracts may be rejected for technical reasons.

The electronic version of the abstracts must be submitted in the form of a separate file (the file name is the surname of the first author in Latin letters and the Latin letter preceding the section name (for example, Ivanov_section_D.doc). Abstracts of reports in accordance with the scientific topics of symposia and sections (commissions, subcommittees, working groups), can be attached as a separate file when registering on the website of the Congress: <https://kpfu.ru/soilkazan2024> , or sent by email to: soilkongress2024@mail.ru. Information about inclusion of a report in the Program (oral or poster) will be sent to the authors by e-mail along with the 3rd Information Letter.

Sample abstract format

UDC 631.46

SOILS OF MOUNTAIN VALLEYS OF THE NORTH CAUCASUS AS AN
ARCHIVE OF PALEOECOLOGICAL INFORMATION

Ivanov A.A.¹, Petrov B.B.²

¹ Lomonosov Moscow State University, Moscow, e-mail...; ² Dokuchaev Soil
Institute, Moscow, e-mail...

Mountain soils are a unique continental archive of paleoecological information
(...text).

VII ORGANIZING COMMITTEE. PROGRAM COMMITTEE. SPONSORS AND ORGANIZERS

IX Congress of the Dokuchaev Soil Science Society in 2024 will be held on the basis of the Kazan (Volga Region) Federal University with the participation of the Kazan Agrarian University, the Institute of Ecology and Subsoil Use of the Academy of Sciences of the Republic of Tatarstan, the Tatar Scientific Research Institute of Agriculture and with the support of the Government of the Republic of Tatarstan.

Program Commission of the IX Congress of the Dokuchaev Soil Science Society

Chairman of the program commission – corresponding member of RAS S.A. Shoba is the President of the Faculty of Soil Science at Lomonosov Moscow State University. Head of the Department of Soil Geography, Faculty of Soil Science, Lomonosov Moscow State University, Moscow.

Deputy Chairman of the Program Commission – Doctor of Biological Sciences. Kovaleva N O, Head of the Laboratory of Environmental Soil Science, Faculty of Soil Science, Lomonosov Moscow State University.

Members of the program committee

Alekseev A.O. – Corresponding Member RAS, Institute of Physico-Chemical and Biological Problems of the Russian Academy of Sciences, Pushchino

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Yakovlev A.S. – Doctor of Biological Sciences, Lomonosov Moscow State University, Moscow

Zalibekov Z.G. – Doctor of Biological Sciences, Caspian Institute of Biological Resources DSC RAS, Makhachkala

Organizing Committee of the IX Congress of the Dokuchaev Soil Science Society

Chairman of the Organizing Committee – Rector of Kazan (Volga Region) Federal University, L.R. Safin, Kazan

Co-chairman of the organizing committee is the president of the Dokuchaev Soil Science Society named after. V.V. a, Dean of the Faculty of Soil Science, Lomonosov Moscow State University, corresponding member RAS P.V. Krasilnikov.

Deputy chairmen of the organizing committee:

Director of the Institute of Environmental Sciences of KFU, Doctor of Biological Sciences S.Yu. Selivanovskaya, Kazan

Deputy Director of the Institute of Environmental Sciences of KFU,
Candidate of Biological Sciences M.V. Kozhevnikova, Kazan

Secretary of the Organizing Committee

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Working committee:

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Deputy Chairman – Deputy Director of the Institute of Environmental Sciences of KFU, Candidate of Biological Sciences M.V. Kozhevnikova, Kazan

Secretary – Head of the Department of Soil Science of KFU, Candidate of Biological Sciences E.V. Smirnova, Kazan

VIII FURTHER INFORMATION ABOUT THE CONGRESS

Further information about the congress will be given in the II Information Letter, as well as on the congress website: <https://kpfu.ru/soilkazan2024>

Addresses of the organizing committee of the congress

In Kazan - 420008. Republic of Tatarstan, Kazan, Kremlevskaya street, 8. Kazan (Volga Region) Federal University, Department of Soil Science, Website <https://kpfu.ru/soilkazan2024>

Tel. (843)233-73-94

soilKazan2024@mail.ru (Smirnova Elena Vasilievna)