

First Announcement

Dear colleagues!

On behalf of the Organizing Committee, we are pleased to invite you to attend

The III National Scientific Conference with international participation

"INFORMATION TECHNOLOGY IN BIODIVERSITY RESEARCH"

dedicated to the 100th anniversary of the birth of Russian academician Pavel Gorchakovskii

VENUE [Ural Federal University](#), Ekaterinburg, Russia, 20–25 April, 2020.

ORGANIZERS

[Ural Federal University](#)

[Institute of Mathematical Problems of Biology RAS](#) – the Branch of Keldysh Institute of Applied Mathematics of Russian Academy of Sciences

[Institute of Plant and Animal Ecology of the Russian Academy of Sciences](#)

[Ministry of Natural Resources and Environmental Protection of Sverdlovsk Region](#)

[Russian Botanical Society](#)

Supported by the [Global Biodiversity Information Facility](#) (GBIF)



3 January 2020 is a centenary year of birth of the outstanding Ural botanist, academician [Pavel Gorchakovskii](#). The **III National Scientific Conference with international participation "Information Technologies in Biodiversity Research"** is dedicated to this date, which will be held in the Ural Federal University, Yekaterinburg, Russia. The purpose of the Conference is to discuss and share the experience in biodiversity informatics technologies for research and analysis of biodiversity.

THE CONFERENCE WILL INCLUDE SESSIONS ON THE FOLLOWING FIELDS

- ❖ Global biodiversity portals: data integration and data use for scientific research
- ❖ Biodiversity data mobilization in Russia: databases and information systems development experience.
- ❖ Digitization of Russian natural history collections: current state and prospects
- ❖ Biodiversity of aquatic and terrestrial ecosystems and methods of their analyses
- ❖ GIS technologies application and remote sensing data use for biodiversity research

PRELIMINARY TOPICS FOR PANEL DISCUSSIONS

"Citizen science projects for scientific biodiversity data gathering"

"Capacity enhancement in digital biodiversity data use for higher education"

[Online registration](#) for participants is open until 15 October 2019.

The working languages are Russian and English.

THE PROGRAM COMMITTEE OF THE CONFERENCE

Chairman

Vladimir Bolshakov — academician of the Russian Academy of Sciences, Institute of Plant and Animal Ecology of the Russian Academy of Sciences, Ekaterinburg, Russia

Program Committee members

- Marc Cadotte** — prof., University of Toronto, Toronto, Canada
- Dag Endresen** — GBIF Norway, Oslo, Norway
- Akobir Mirzorakhimov** — prof., Tajik National University, Dushanbe, Tajikistan
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- Dmitri Schigel** — Global Biodiversity Information Facility Secretariat, Copenhagen, Denmark
- Oleg Borodin** — Scientific and Practical Center of the National Academy of Science of Belarus, GBIF Belarus, Minsk, Belarus
- Olga Baranova** — prof., Komarov Botanical Institute of the Russian Academy of Sciences, St. Petersburg, Russia
- Dmitri Geltman** — Sc. D., Komarov Botanical Institute of the Russian Academy of Sciences, St. Petersburg, Russia
- Gennady Rozenberg** — Corresponding member of the Russian Academy of Sciences, Institute of the Volga River Basin Ecology of the Russian Academy of Sciences, Toliatti, Russia
- Varos Petrosyan** — Sc. D., Institute of Ecology and Evolution of the Russian Academy of Sciences, Moscow, Russia
- Mikhail Kalyakin** — Sc. D., Lomonosov Moscow State University, Moscow, Russia
- Alexey Seregin** — Sc. D., Lomonosov Moscow State University, Moscow, Russia
- Sergei Saksonov** — prof., Institute of the Volga River Basin Ecology of the Russian Academy of Sciences, Togliatti, Russia
- Maksim Safonov** — Sc. D., Orenburg State Pedagogical University, Orenburg, Russia
- Vasilii Martynenko** — Sc. D., Ufa Institute of Biology of the Russian Academy of Sciences, Ufa, Russia
- Viktor Mukhin** — prof., Ural Federal University, Ekaterinburg, Russia
- Denis Veselkin** — prof., Institute of Plant and Animal Ecology of the Russian Academy of Sciences, Ekaterinburg, Russia
- Alyona Tretyakova** — prof., Ural Federal University, Ekaterinburg, Russia
- Mikhail Kniazev** — prof., Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Ekaterinburg, Russia
- Vasilii Yakimov** — Sc. D., Lobachevsky State University of Nizhnii Novgorod, Nizhny Novgorod, Russia
- Sergei Yamalov** — Sc. D., South Ural Botanical Garden-Institute of Russian Academy of Sciences, Ufa, Russia

THE ORGANIZING COMMITTEE

Chairman

Alexander Germanenko — prof., Head of the Institute of Natural Sciences and Mathematics, Ural Federal University, Yekaterinburg, Russia

Secretaries

Pavel Kondratkov — Ural Federal University, Yekaterinburg, Russia

Natalia Ivanova — Institute of Mathematical Problems of Biology RAS - the Branch of the Keldysh Institute of Applied Mathematics of Russian Academy of Sciences, Pushchino, Russia

Organizing Committee members

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Svetlana Zimnitskaia — Ural Federal University, Ekaterinburg, Russia

Evgeny Borovichov — Institute of Industrial Problems of the North of the Russian Academy of Sciences, Apatity, Russia

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Nadezhda Neustroeva — Ural Federal University, Ekaterinburg, Russia

Elena Zhuikova — Ural Federal University, Ekaterinburg, Russia

Victoria Yambusheva — Ural Federal University, Ekaterinburg, Russia

Conference proceedings will be published before the Conference. Article submission guidelines will be provided with the Second Call. The Proceedings will be assigned an ISBN, and indexed by the Russian Science Citation Index.

Regular registration fee will be 1.500 RUB and 500 RUB for students and postgraduates. Methods of payment will be announced in the Second Call.

SOCIAL PROGRAMME

Two excursions are planned in the course of the Conference

1. Exposition of nature in the [Sverdlovsk Ural Museum](#);
2. [Natural Park "Bazhov Places"](#) with visiting the Europe-Asia Border Monument

KEY DATES

Expression of interest and pre-registration until 15 October 2019.
Second Call – 15 November 2019.
Abstracts submission will be from 15 November 2019 until 1 February 2020.

The Organizing Committee will be grateful for share of the Announcement among the interested persons in your professional circles.



We will be glad to see you in Ekaterinburg!