

The first announcement letter

Dear colleagues!

We are pleased to invite you to the **Russian scientific conference with international participation «The actual aspect of studying and preservation of plants and vegetation of Arctic and mountain regions»**, dedicated to 90-year anniversary of N.A. Avrorin Polar-Alpine Botanical Garden-Institute of Kola SCI Center RAS.

Date: 23 – 27th August 2021

Location: Apatity, Murmansk Region, Russia.

Organizers:

- N.A. Avrorin Polar-Alpine Botanical Garden-Institute Kola Science Center RAS
- Federal Scientific Center of Kola Science Center RAS
- Murmansk branch of Russian Botanical Society

The main conference topics deal with different areas of plants and vegetation researches in Arctic and mountain regions:

- studies of phototrophic organisms diversity;
- taxonomical, genetics and evolution studies of plant diversity;
- information systems and databases in biodiversity studies, digitization of collections;
- diversity, structure and classification of vegetation;
- the use of remote sensing methods in the vegetation mapping and study of biodiversity;
- anthropogenic dynamics of ecosystems, problems of recovery of biodiversity;
- biocenological and adaptation-physiological foundations of technologies of plants reacclimatization and introduction;
- eco-physiological and biochemical bases of plants adaptation of native flora and introduced species;
- issues of the plant protection, pest control and plant diseases;
- the role of botanical gardens in preserving and recovery of plants diversity;
- science aspects of nature reserve and protection of nature, Red and Black books;
- botanical collections in practice: popularization of science knowledge, phytorehabilitation, garden and ecology therapy, landscape design;
- natural and anthropogenic soils of the northern regions: genesis, properties, geography; remediation of the damaged area;

The final program of sessions and field trips will be established after receiving of registration forms.

The registration forms should be send to Organizers till 1th of April 2021.

The forms of conference work: Oral presentations in plenary session (30 min), in other session (15 min), poster sessions, field trips. Due to the covid-19 pandemic, online participation is also possible. All participants of field trips should have field clothes and footwear.

The official languages of the conference: Russian and English.

For participation in conference, please fill in **registration form** in <https://forms.gle/R1Lb67umXwwtsR669>

Dates:

1th April the finish of registration

15th April the second information letter with information of rules for abstracts and accommodation

1th May the finish of abstracts submission

15th May the confirmation of registration and abstract, the third information letter with transport and fees.

1th August the forth information letter with conference program

To the beginning of conference, the abstracts will be published, after conference the papers from presentations could be published in special issue of journal (RCI).

Conference Program Committee:

Konstantinova N.A., Dr. Sci., Prof., Polar-Alpine Botanical Garden-Institute of the Kola SC RAS, Kirovsk, Russia (Vice-Chairman)

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	<p style="text-align: center;">Address of Organizing Committee:</p> <p style="text-align: center;">184209, Russia, Murmansk Prov., Apatity, Akademgorodok, 18A +7(921)1758820 e-mail: pabgiconf@gmail.com https://pabgi.ru/conference2021</p>

Transport accessibility: Apatity has air traffic with Moscow, St.-Petersburg, Cherepovets, Archangelsk and railroad traffic with Moscow, St.-Petersburg and Vologda.

More detailed information at Conference website:

<https://pabgi.ru/conference2021>

*We will be happy to meet you in Apatity at our conference!
Organizing Committee will be grateful to distribution of this letter among colleagues.*