



Saint-Petersburg State University. Institute of Earth Sciences
Märkisches Institut für Technologie- und Innovationsförderung e.V. (MITI)
Central Museum of Soil Science of V.V. Dokuchaev
Fund for Retention and Development of the Scientific Heritage of V.V. Dokuchaev
Interregional CSO "Nature protection union"
Dokuchaev Society of Soil Science

Informational letter № 1

INTERNATIONAL SCIENTIFIC CONFERENCE
XX DOCUCHAEV'S CONFERENCE
FOR YOUNG SCIENTISTS

devoted to the Ecology year–2017 in Russia

«Soil and sustainable development of state»

1–4 of March, 2017
Saint-Petersburg, Russia

The organizing committee of the International scientific conference "XX Dokuchaev's conference for young scientists" «*Soil and sustainable development of state*» invites you to take part in the conference which will take place on March 1-4, 2017 in St. Petersburg.

Topics of the conference:

1. Ecological potential of soils. Evaluation methods
2. Soils and food security
3. Soils in the intensive farming systems.
4. Limits of the agricultural development of soils. Coefficients of the rational use of soils
5. Soil degradation. Damage evaluation
6. Ecosystem services of soils. Evaluation methods
7. Red book of soils
8. School section "Role of the soil in ecosystem"

Round-table discussion will be organized as part of the conference on «*Urban soils*»

At the conference the following issues will be discussed:

- Soil and land resources, conservation and use efficiency

- Goods and services of soils
- Economics of sustainable soil fertility improvement
- Soil protection. Conservation of biodiversity
- Ecological sustainability of ecosystems. Ways to achieve a strategic balance between human activities and the maintenance of fertile possibilities of soils and the biosphere as a whole
- Ecological safety. Ways to maintain at an optimum level of natural-resource potential of the soil and the required quality of the environment
- Agricultural production efficiency and soil stability improvement
- Soils and global climate changes. Adaptation and mitigation

Participants of the conference can be students, post-graduate students and young scientists under 35 years old. A recommendation of a supervisor is necessary for students and post-graduate students. A co-authorship with the supervisor isn't allowed.

The co-authorship with the supervisor is allowed for school students.

Organizing committee:

Chair: Aparin B.F., scientific supervisor of the Central Museum of Soil Science of V.V. Dokuchaev, head of the department of soil science of the Saint-Petersburg State University, vice-president of the Dokuchaev Society of Soil Science, Doctor of Agricultural Sciences, prof.

Executive secretary: Bulysheva A.M., PhD's student of the department of soil science of the Saint-Petersburg State University, environmental engineer of the Engineering Survey Department of the LLC "Eco-Express-Service"

Organizing committee members:

Maksimova E.Yu., leading specialist of the Scientific Analytical Department of the LLC "Eco-Express-Service"

Ryumin A.G., senior teacher of the department of soil science of the Saint-Petersburg State University

Mingareeva E.V., senior research scientist of the Central Museum of Soil Science of V.V. Dokuchaev, PhD's student of the All-Russian Scientific Research Institute of Radiology and Agroecology

Lazareva M.A., research scientist of the Central Museum of Soil Science of V.V. Dokuchaev, PhD's student of the V.V. Dokuchaev Soil Science Institute

Zaharova M.K., student of the department of soil science of the Saint-Petersburg State University

Simonova Yu.V., PhD's student of the department of soil science of the Saint-Petersburg State University

Curators of school section: Rusakova E.A., senior research scientist of the Central Museum of Soil Science of V.V. Dokuchaev

e-mail: dkonf2017@gmail.com

Website: <http://www.dokuchaevskie.ru>

Conference application form should be sent to dkonf2017@gmail.com till **15th of October, 2016.**

Conference application form should include:

1. First name and last name.
2. Paper title.
3. Affiliation.
4. Address, e-mail, tel.
5. Section title.
6. Oral/poster presentation.

7. Name of the supervisor.

Abstracts should be sent to dkonf2017@gmail.com till **12th of January, 2017**.

Registration fee. A registration fee is 1000 roubles. School students don't need to pay the registration fee.

All submitted and accepted abstracts will be published by the beginning of conference in an abstract book. The best papers will be published in a book "Materials on Russian Soils' Study".

A discussion on will be organized as part of the XIX Docuchaev's conference for young scientists. Intending participants should send suggestions on this topic till **14th of January, 2017**. We are looking forward to hearing from you: dkonf2017@gmail.com.

The organizing committee of conference-2016 announces a competition of XIX Docuchaev's conference for young scientists proceedings cover design. The winner of competition is out of registration fee. Intending participants should send suggestions (drawing, photo) till **14th of January, 2017**. We are looking forward to hearing from you: dkonf2017@gmail.com

More information about the conference is available at: <http://soil.pu.ru>; Section «Conferences».

Please, distribute this information among the interested experts.

Paper requirements:

Papers should not be more than 2 pages. The size of type is 12 pt, interval between lines is single. The *first line* is a title of paper, *the second* – authors, *the third* – country, city and university, *the 4th* – e-mail.

Abstract example:

UDC (*Universal Decimal classification*) 631.10

SOIL ORGANIC MATTER CHARACTERISTICS
OF URBANOZEMS IN ST. PETERSBURG

P.P. Petrov

Saint-Petersburg State University, petrov@mail.bio.pu.ru

Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation. Humus and soil formation.

The paper is recommended by Doctor of Biological Science, professor I.I. Ivanov.

Organizing committee of the XIX Docuchaev's conference for young scientists
« Soil and sustainable development of state »