



Origin history

The Institute of Soil Science and Agrochemistry was established in 1945 on the basis of the Soil Science Sector of the Azerbaijan Branch of the USSR Academy of Sciences. The Institute was headed by the following outstanding scientists: prof. Smirnov-Loginov, Academician S.M.Huseynov, V.R.Volobuyev, Corresponding Member of the Academy of Sciences M.E.Salayev, Corresponding Member of ANAS S.A.Aliyev, prof. Sh.A.Iskandarov, academician G.Sh.Mammadov, academician M.P.Babaev, corresponding member of ANAS A.G.Guliyev. Several scientific schools have been established at the institute: academician G.A.Aliev - geography, soil ecology; V.R.Volobuyev - soil reclamation and energy; S.M.Huseynov - agrochemistry; M.E.Salayev - genesis, soil diagnostics. Under the leadership of Academician G.Sh.Mammadov, important results were achieved in the field of scientific directions - agro-ecology and environmental monitoring of soils.

Main directions of activity

- Agroecology and soil appraisal; Models of ecological soil fertility; Determination of the regularities of the geographical distribution of soils; Relief plastic and soil cover structure

(SCS); Ecological assessment of landscape complexes, land cadastre and agroecological regions; Ecological monitoring of soils; Eco-ethical soil problems; Research and assessment of soils by the basin method; Scientific foundations of land management (land management) and compilation of interactive soil maps and maps of ecological assessment of soils of various scales (1: 100000, 1: 600000) based on GIS, scientific foundations for creating a spatial data management database;

- Genesis, classification, diagnostics of soils, development of theoretical foundations of anthropogenic impact on irrigated lands and soil degradation;
- Development of conceptual diagnostic models of soils, mathematical modeling of soil fertility, creation of soil maps based on GIS, development of scientific foundations of soil informatics;
- Scientific foundations of soil management;
- Ecological and agrochemical foundations for the study of mineralogical composition, biological activity, humus state and restoration of soil fertility;
- Ecological problems of agrochemistry;
- Study of agrophysical, optical and thermal properties of soils;
- Study of the relationship between the ameliorative characteristics of the republic's soils, the degree of salinity and yield of agricultural crops, the use of irrigated water in agriculture, the regime and technology of irrigation;
- Development of methods for remediation of oil-bearing and technogenic soils in the republic;
- Scientific bases of soil protection from erosion, restoration of disturbed soil fertility and rational land use.

AZERBAIJAN NATIONAL ACADEMY OF SCIENCES

DIVISION OF BIOLOGICAL AND MEDICAL SCIENCES

INSTITUTE OF SOIL SCIENCE AND AGROCHEMISTRY



International Scientific-Practical Conference "Soil-ecological problems of agrocenoses and ways to solve them"



June 3-4 2021
BAKU

International Scientific and Practical Conference “Soil-ecological problems of agrocenoses and ways to solve them”, dedicated to the “Day of Science”, organized by the Council of Young Scientists and Specialists of the Institute of Soil Science and Agrochemistry of ANAS. Materials of the scientific and practical conference are accepted in the form of articles.

REQUIREMENTS FOR PREPARATION OF ARTICLES

Articles are accepted in A4 format paper, keeping 2 cm on each side (min. 3, max. 5 page), in Times New Roman novel font, size 14, line spacing 1,0, and finally must be resume in Russian and English language. Articles are accepted Russian and English languages.

The title of the article should be written in capital letters on the **first line** (in the middle), the surname and initials (in the middle) of the author or authors on the **second line**, degrees on the **third line**, the name of the organization, city, email and address in the middle on the **fourth line**.

Articles and participant questionnaires must send to the organizing committee and should also be sent in electronic form (doc. format) (file name with the surname of the 1st author, for example Mustafayev F.M.) to the following address anas.conference.21@gmail.com. (until May 15, 2021).

Example

UOT...

The effect of the amount and type of salts on the productivity of cotton plants in the gray meadow soils irrigated in the Mugan plain

Ahmedova A.R.
(dissertant)

Baku State University, A1148, Baku,
ZahidKhalilov str. 23.

e-mail: xxxxxxxxxxxxx@xxxx.xxx

Key words

.....
.....

Resume

.....
.....
Text

.....
.....

Literature

Articles will be accepted until may 15, 2021
Address: AZ1073 Baku, M.Rahimstr 5.
Agrochemistry and Soil Science Institute,
contact numbers: (+994) 558828982,
e-mail: anas.conference.21@gmail.com

THE ORGANIZING COMMITTEE

Chairman:

FaridMustafayev - Chairman of the Council of Young Scientists and Specialists of the Institute of Soil Science and Agrochemistry of ANAS.

Co-Chair:

ZamanMammadov - Head of the International Soil Ecology Laboratory of the Department of Agroecology and Soil Assessment, Doctor of Philosophy in Biological Sciences, docent.

Members:

1. FaminSalmanov - Chairman of the Council of Young Scientists And Specialists Of ANAS
2. SonaOsmanova - Leading Researcher of the Department of Agroecology and Soil Assessment, Doctor of Philosophy in Agricultural Sciences
3. RidvanGizilkaya - Professor doctor of theOndokuzMayis University. Department of Soil Science and Plant Nutrition Samsun, Turkey
4. Yuri Mazhaisky - Doctor of Agricultural Sciences, Professor of Ryazan State Agrotechnological University named P.A.Kostichev. Ryazan, Russia
5. Islam Ikramov - doctor of technical sciences, professor of the Department of land reclamation, Land reclamation and land protection of the Agrarian University of Tajikistan Sh. Shotemur. Dushanbe, Tajikistan
6. Christina Toderich - ICBA Coordinator in Central Asia and Transcaucasia, Professor at Tottori University, Japan
7. IbadullaTautenov - Kizilorda State University named Korkut Ata, doctor of agricultural sciences, professor. Kazakhstan
8. Vladimir Zhelyazko - Head of the department of soil reclamation and water resources, doctor of agricultural sciences, professor. Belarus