

International scientific and practical conference "Ensuring sustainable development: agriculture, ecology and earth science" (AEES 2021)

The conference is held to summarize international experience in the field of agriculture ecology and earth science. The conference will present scientific research aimed at solving a set of problems in the field of sustainable development, namely:

- Development of scientific and practical potential in order to formulate proposals for the introduction of science-intensive technologies in agriculture;
- Popularization of fundamental and applied research in the field of agriculture, ecology and nature management, mining and soil cultivation technologies;
- Formation of recommendations aimed at improving computer models, information technology, engineering, innovative and digital technologies in agriculture and environmental protection.

Prominent scientists in the field of agriculture, ecology and earth sciences will make reports at the plenary session.

The international program and organizing committee include scientists from research and educational institutions, as well as representatives of various spheres of activity and industries.

The conference participants are invited to publish scientific articles in the journal indexed in the international SCOPUS database.

Important dates:

- 09 April 2021 — the first information letter;
- October 15, 2021 — the end of registration and acceptance of articles;
- October 20, 2021 — the end of the review and publication of the conference program;
- October 27-29, 2021— a conference.

The conference program will be formed based on the results of the materials received and published no later than October 20, 2021 on the conference website.

The conference venue is Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan.

The main sections of the conference:

1. Crop production in agriculture:

- Development of plant growing and agriculture in modern conditions;
- Questions of agronomy and agroecology;
- Ensuring the development of selection and seed production;
- Feeding farm animals;
- Modern scientific achievements - the practice of production and processing of crop products;
- Monitoring the condition of agricultural land, crops and products;
- Fauna and flora of agriculture: problems and prospects;
- Topical issues of infectious pathology and biotechnology;
- Agricultural and food systems;
- Economic and financial issues of agricultural development;

2. Technology, innovation and digital technologies in agriculture:

- Agrobitechnology in the selection and production of agricultural crops;
- Scientific support for innovative development of agriculture;

- Digitalization, automation and robotization of the agricultural industry;
- Mechanization and electrification of agriculture;
- Biotechnical systems and technologies in agriculture;
- Mathematical modeling of applied problems of mechanics in the agro-industrial complex;
- Development of engineering technologies in the agro-industrial complex;
- Food technologies in agro-industrial production;
- Machines and equipment for selection and seed production;
- Environmental protection in agro-industrial production;
- Tractor and agricultural engineering;
- Organization of agro-industrial production and agriculture;
- Resource-saving technologies, rational use of natural resources and innovative technologies in the agro-industrial complex;
- Management of agricultural activities and agro-industrial production;

3. Ecology, environment and Earth Science:

- Environmental protection in agro-industrial production;
- Environmental protection, nature management and ecological safety;
- Production management in the context of the transition to sustainable development;
- Organization of efficient and environmentally friendly production;
- Biodiversity and ways of its conservation;
- Natural-climatic and anthropogenic factors in the evolution of natural ecosystems;
- Environmental management and environmental protection, mining and soil cultivation technology;
- Systems analysis, physical and mathematical modeling, computer and information technologies in the context of sustainable development;
- Environmental Management and Engineering;
- Ecological and electric transport;
- Environmental protection, nature management and ecological safety of objects of the fuel and energy complex;
- Extracted resources: coal, gas, oil, peat and other minerals;
- Oil and gas, chemical and energy engineering;
- Energy production in the context of the transition to sustainable development;
- Green investments in environmental protection;
- Economic and financial issues of ensuring the environmental safety of modern industries;

Conference organizers:

Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan

International Program Committee:

Khayrzoda Shukrullo Kurbanali — Candidate of Sciences, Associate Professor, Rector of the Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan - Chairman of the International Program Committee;

Safarov Bahrom Gulmatovich — Candidate of Sciences, Associate Professor, Vice-Rector for Science of the Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan - Vice-Chairman of the International Program Committee;

Kodirov Firuz Abdulkhafizovich — Candidate of Sciences, Associate Professor, Vice-Rector for International Relation of the Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan - Vice-Chairman of the International Program Committee;

Romanova Iraida Nikolaevna — Doctor of Agricultural Sciences, Professor, Smolensk State Agricultural Academy, Smolensk, Russian Federation;

Shmanev Sergey Vladimirovich — Doctor of Economics, Candidate of Chemistry, Professor, Financial University under the Government of the Russian Federation; Corresponding Member

of the Russian Academy of Natural Sciences, Moscow, Russian Federation; Full Member of the European Academy of Natural Sciences, Hannover, Germany;

Polevoy Sergey Anatolyevich — Doctor of Technical Sciences, Professor, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;

Firsov Yuri Ivanovich — Candidate of Sciences, Prague Institute for Advanced Studies, Prague, Czech Republic;

Kurbonzoda Mahmatali Rahmat — Candidate of Sciences, Associate Professor, Rector of the Tajik State University of Commerce, Dushanbe, The Republic of Tajikistan;

Gibadullin Arthur Arthurovich — Candidate of Sciences, State University of Management, Moscow, Russian Federation;

Kharitonova Nataliya Anatolyevna — Doctor of Sciences, Professor, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;

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Usmonov Nurullo — Doctor of Physical and Mathematical Sciences, Professor, Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan;

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Mirakov Kudratullo Mirmukhammadovich — Candidate of Technical Sciences, Associate Professor, Tajik State University of Finance and Economics, Dushanbe, The Republic of Tajikistan;

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Sadriddinov Mahmadi Makhmudovich — Candidate of Physical and Mathematical Sciences, Associate Professor, Tajik Technical University named after academician M.S. Osimi, Dushanbe, The Republic of Tajikistan;

Nosov Vladimir Vladimirovich — Doctor of Sciences, Professor, K.G. Razumovsky Moscow State University of technologies and management, Moscow, Russian Federation;

Lopatkin Dmitry Stanislavovich — Candidate of Sciences, Mendeleev University of Chemical Technology of Russia, Moscow, Russian Federation;

Kivchun Oleg Romanovich - Candidate of Technical Sciences, Baltic Federal University named after I. Kant, Kaliningrad, Russian Federation;

Kharitonova Ekaterina Nikolaevna — Doctor of Sciences, Professor, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;

Britvina Valentina Valentinovna — Candidate of Sciences, Moscow Polytech University; MSTU STANKIN, Moscow, Russian Federation;

Morkovkin Dmitry Evgenievich — Candidate of Sciences, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;

Pulyaeva Valentina Nikolaevna — Candidate of Sciences, Financial University under the Government of the Russian Federation, Moscow, Russian Federation;

Gibadullin Igor Arthurovich — Master of Engineering and Technology in Electrical Power Engineering, Ph.D.-students, Moscow, Russian Federation.

Executive Secretary of the Organizing Committee: Gibadullin Artur Arturovich - Candidate of Sciences, Associate Professor at the State University of Management, Moscow, Russian Federation.

Requirements for articles:

- The article must correspond to one of the topics of the conference;
- The article must be in English;
- The article should contain the following sections: “Materials and methods”, “Results”, “Discussion” and “Conclusion” (section “Acknowledgments” is written if necessary);
- The volume of the article should be 4-6 pages;
- The recommended number of authors should not exceed 5;
- Links must be made in accordance with the requirements of the Publisher. Links, as a rule, need to be made only to sources (articles) from international journals;
- The text must be typed in electronic form in Microsoft Word 2007/2003 format. The text can be illustrated with diagrams and tables. All illustrations must be within the boundaries of the text (do not go to the margins of the sheet);
- The article must contain an abstract (no more than 200 words);
- The number of references in the list of references must be at least 10;
- Self-citation should not exceed 10%;
- The originality of the article is not less than 80%;
- All authors must be familiar with the license agreement.

Submission of materials:

To participate in the conference, you need to send an article prepared according to the requirements of the journal.

The scientific works of the authors who spoke at the conference, after reviewing and editing, are published in the journal, indexed in the international SCOPUS database. Articles by authors who did not speak at the conference are not subject to publication.

The order of publication of an article in a journal indexed in Scopus:

1. Sending materials by mail to the executive secretary of the organizing committee adep2021@mail.ru;
2. Conducting expertise and double-blind reviewing of materials;
3. Full-time presentation at the conference.

Terms of publication:

Articles will be accepted until October 15, 2021.

The submission of articles to the editorial office of the journal will take place before November 31, 2021.

Articles will be published no later than November- December 2021.

Indexing of articles in the international Scopus database from 1 to 3 months from the date of publication.