

## **Preface**

On November 21, 2022, Kyrgyz National Agrarian University named after K.I. Scriabin, jointly with the partners, hosted an international applied research conference “Scientific and Technological Development of the Agro-Industrial Complex for the Purposes of Sustainable Development”.

The conference was held in offline and online formats for international guests. Researchers and specialists in economics, politics, management and sustainable agricultural development were invited to participate in the conference. In total, more than 200 participants took part in the conference.

The purpose of the conference was discussion of theoretical and methodological issues of technological development and the problems of the agrarian sector of the economy, generalisation of innovative development results in agriculture and elaboration of practical recommendations on the development of the agrarian sector potential as the most important resource of the modern socio-economic development.

Welcoming speeches were made by Jyldyzbek Zhakshylykov, Head of Department of Science and Technical Policy of the Ministry of Education of the Kyrgyz Republic, and Ashirbay Zhusupov, Director of State Inspectorate for Veterinary and Phytosanitary Safety.

Opening the conference, Nurgaziev Rysbek Zaryldykovych, Rector of Kyrgyz National Agrarian University, Academician of the National Academy of Sciences of the Republic of Kyrgyzstan and of the Russian Academy of Sciences, welcomed the guests and participants of the conference and made a speech, highlighting the importance of such international events. The subject of the presentation was devoted to the prospects of the scientific and technological development of the agro-industrial complex in Kyrgyzstan.

The plenary session emphasised that targeted realisation of scientific activities in the country is one of the priority tasks for intensification of agriculture, a major component of the state policy for sustainable development of the rural areas and of the entire agro-industrial complex of Kyrgyzstan.

The conference continued in sections with presentations by scientists from Kyrgyz National Agrarian University and their colleagues from Research Institute for Biological Safety Problems (Otar, Kazakhstan), Russian State Agrarian Correspondence University (Balashikha, Moscow region), Kuzbass State Agricultural Academy (Kemerovo), All-Russian Research Institute for Organisation of Production, Labour and Management in Agriculture (Moscow), Udmurt State Agricultural University (Izhevsk), Osh Technological University и Udmurt State Agricultural University (Izhevsk).

Presentations were made on a number of topical subjects, such as: Automation and digital technologies in the agro-industrial complex; Agrochemistry; Veterinary science; Forestry;

Machinery and equipment for breeding and seed production; Mechanisation and electrification of agriculture; Fodder and feedstocks for farm animals; Crop farming; Promotion of projects aimed at regional socio-economic development; Transport, infrastructure and logistics; Economics of agro-industrial complex.

The proceedings of the applied research conference will be published as a collection of scientific articles. On completion of work in the sections, the discourse results were summarised, with presentation of certificates to the speakers. The participants expressed their gratitude to the organisers and discussed further directions for the development of international scientific cooperation.