

The International Scientific and Practical Conference **«Forest Resources are an Integral Part of a Green Economy»** dedicated to the 85th anniversary of the outstanding scientist, Doctor of Economic Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Sabit Baizakov was held at the Kazakh National Agrarian Research University on April 4, 2025. The International Scientific and Practical Conference **«Forest Resources are an Integral Part of a Green Economy»** dedicated to the 85th anniversary of the outstanding scientist, Doctor of Economic Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Sabit Baizakov was held at the Kazakh National Agrarian Research University.

The main goal of the conference was to comprehensively discuss the issues of preserving and regenerating forest resources, emphasizing the importance of increasing the stability of ecosystems and the natural basis for the development of a green economy.

It was attended by scientists from Kazakhstan and abroad (Russia, Kyrgyzstan, Turkey, Uzbekistan), heads of forestry institutions, enterprises and forestry research centers of the republic, university teachers, veterans of this field, graduates of the Faculty of Forestry of various years, as well as doctoral candidates, master's students and students.

The conference participants noted that in recent years the attention of the Government of the Republic to the forestry sector and forest protection has increased significantly, financing and material and technical support have improved significantly, and the salaries of some employees have increased significantly. However, they also noted that these measures were not planned, but were taken urgently in response to two devastating forest fires in the Kostanay region and the Semey Ormany reserve, which led to a state of emergency. They also drew attention to a number of unresolved issues and shortcomings in this area.

Discussing the current issues of various directions of further development of the forestry sector, ways of preserving and effectively using forest resources, the economic, environmental and social foundations of the sustainability of forest ecosystems, and their impact on the development of a green economy, the following resolution was adopted:

1. S. Baizakov's scientific and pedagogical work is of particular importance in the development of forest science, the formation of highly qualified specialists and a national scientific forest school, the study of the history of the development of forestry in the republic, the development of a methodology for quantitative, qualitative and

economic assessment of forest resources and their ecosystem services, and the creation of new methods of afforestation.

2. The Committee on Forestry and Wildlife of the Ministry of Agriculture and Rural Development recommends that the proposals and scientific results of Academician S. Baizakov regarding the economic assessment of forest resources, the revision and modification of outdated norms and standards, the transition to new methods of creating plantation forests, especially their garden-like planting, be widely used in forestry production.

3. The Ministries of Science and Higher Education, Ecology and Natural Resources of the Republic of Kazakhstan were recommended to allocate financial resources for conducting applied research on highly effective afforestation methods, including the orchard-like method, proposed by S. Baizakov, which significantly reduce labor and resource costs.

4. In order to develop the sector in the main direction, increase its activities, and improve its material and technical supply, the Government of the Republic of Kazakhstan is recommended to reorganize the forestry management body at the ministerial or agency level.

5. The following recommendations should be submitted to the Ministry of Ecology and Natural Resources of the Republic of Kazakhstan:

- Develop, approve and implement the Concept of the Forest Policy of the Republic of Kazakhstan and a long-term (2050) Strategic Program for the Development of Forestry with specific indicators based on modern innovative technologies and equipment, the use of artificial intelligence and unmanned aerial vehicles.

- To submit to the Majilis of the Parliament of the Republic of Kazakhstan a system of amendments and additions to the Forest Code of the Republic of Kazakhstan aimed at defining the main goals of the green economy, expanding the areas of forests and increasing their useful properties and functions during their growth.

- To propose to the Ministry of Science and Education of the Republic of Kazakhstan to open a "University of Forestry and Bioresources" in one of the forest regions of the republic in order to radically change the training of highly educated specialists who have mastered all the technologies of the forest cluster and other biological resources of the earth's surface.

- Improve attention to the development of private forestry in accordance with the requirements stipulated in Article 112-3 of the Forest Code of the Republic of Kazakhstan, and support the receipt of subsidies by representatives of this business;

- To instruct the Committee on Forestry and Wildlife to determine the area requiring annual maintenance felling in the forest and the amount of costs required for this, and to obtain the release of funds allocated in accordance with paragraph 8) of

Article 110 of the Forest Code of the Republic of Kazakhstan from the central authorized body for budget planning;

- To establish a scientific and technical department within the Committee on Forestry and Wildlife, which, in addition to its general functions, will be responsible for increasing the level of scientific and research work, strengthening the process of introducing their results into production, and conducting advanced training courses for permanently employed forestry employees every 5 years on a paid basis at the expense of forest institutions and the Forestry and Wildlife Service's own sources of income, as well as through budget financing allocated in accordance with paragraph 6) of Article 110 of the Forest Code of the Republic of Kazakhstan;

- Creation of a unified center on the basis of "A.N. Bokeykhan Kazakh Research Institute of Forestry and Forestry" LLP, which will be able to conduct republican advanced training and retraining of forestry specialists.

6. To instruct KazNARU and KazATU, together with the Committee on Forestry and Wildlife of the ENRM, to select several leading and conveniently located forest institutions and forest enterprises, adapt them for industrial and pre-diploma internships for bachelors, for conducting scientific research for master's and doctoral students, and, in coordination with regional administrations, to approve them as bases and take on the modernization of the Sandyktau educational and industrial forestry base.

7. In order to provide young graduates with jobs and the industry with local specialists, the Ministry of Science and Education of the Republic of Kazakhstan is recommended to consider the possibility of allocating state education grants to children of forest workers and young people permanently residing in forest regions in forestry, engineering, technical and IT specialties through the obligation to work on a three-year work permit (through a quota mechanism), and to establish a system for providing young graduates with jobs and the industry with local specialists.

8. It is recommended that the heads of universities in the Republic of Kazakhstan include the scientific results of Academician S. Baizakov in the curricula for the preparation of bachelors, masters and PhDs related to forestry.

Organizing Committee