



NJC «Kazakh National Agrarian Research University»

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Regulation
on Assessing Knowledge Literacy of Sustainable Development among
Employees, Faculty, and students at KazNARU

Almaty, 2025

1. General Provisions

This document governs the process of assessing the knowledge literacy of employees, faculty, and young scientists at the Kazakh National Agrarian University (KazNARU) in the field of sustainable development, encompassing environmental, social, and economic dimensions. The regulations are developed in alignment with international standards, national educational programs, and the university's mission to prepare highly qualified professionals capable of addressing global challenges related to sustainable development. These efforts support SDG 4: Quality Education and SDG 13: Climate Action.

2. Objectives and Goals of the Assessment

Objectives:

- To assess the level of knowledge and competencies of employees, faculty, and young scientists in the field of sustainable development.
- To raise awareness of sustainable development challenges and strengthen practical skills.
- To establish a basis for further professional learning and development.

Goals:

- To identify strengths and areas for improvement in the preparation of specialists.
- To develop recommendations for enhancing the quality of teaching and research.
- To determine the need for additional educational and professional development programs.

These objectives align with SDG 17: Partnerships for the Goals and SDG 8: Decent Work and Economic Growth.

3. Key Principles of the Assessment

- Objectivity: The assessment process is based on strict criteria and eliminates bias.
- Transparency: All stages of the assessment are open to participants.
- Systematic Approach: The assessment is conducted regularly and includes a comprehensive evaluation of knowledge.
- Innovation: Modern methods and technologies are used to assess knowledge.

These principles reflect the commitments outlined in SDG 9: Industry, Innovation, and Infrastructure.

4. Forms and Methods of Assessment

The knowledge literacy assessment is conducted in the following forms:

1. Testing – Regular tests to evaluate theoretical knowledge in sustainable development (SDG 4: Quality Education).
2. Practical Assignments – Case studies, projects, and research aimed at applying knowledge in real-world conditions (SDG 12: Responsible Consumption and Production).

3. Surveys – Identifying the level of awareness and attitudes toward sustainable development issues (SDG 16: Peace, Justice, and Strong Institutions).

4. Interviews – Individual interviews to analyze competencies and determine professional goals (SDG 10: Reduced Inequalities).

5. Analysis of Scientific Publications and Projects – Assessing the quality and relevance of research conducted at KazNARU (SDG 13: Climate Action).

5. Assessment Procedure

The procedure includes several stages:

1. Preparatory Stage:

- Development of assessment criteria.
- Formation of the expert commission.
- Notification of participants.

2. Main Stage:

- Conducting tests, practical assignments, and surveys.
- Organizing interviews and analyzing scientific works.

3. Final Stage:

- Analysis of results.
- Preparation of a report.
- Development of recommendations for improving knowledge literacy.

This process contributes to SDG 11: Sustainable Cities and Communities by emphasizing sustainable practices.

6. Assessment Criteria

The assessment is based on the following criteria:

- Level of theoretical knowledge in sustainable development (SDG 4: Quality Education).
- Ability to apply knowledge in practice (SDG 12: Responsible Consumption and Production).
- Awareness of current trends and challenges (SDG 13: Climate Action).
- Quality of scientific research and publications (SDG 9: Industry, Innovation, and Infrastructure).
- Active participation in events related to sustainable development (SDG 17: Partnerships for the Goals).

7. Participants of the Assessment

Participants include:

- University staff, including administrative and technical personnel.
- Faculty responsible for teaching students on relevant subjects.
- Young scientists conducting research activities.

These efforts align with SDG 5: Gender Equality, ensuring inclusive participation.

8. Results and Their Use

The results of the assessment serve as the basis for:

- Developing educational programs and training sessions (SDG 4: Quality Education).
- Creating individualized development plans for participants (SDG 8: Decent Work and Economic Growth).
- Formulating the university's strategy in sustainable development (SDG 13: Climate Action).

9. Responsibility for Conducting the Assessment

The responsibility for organizing and conducting the assessment lies with the Department of Sustainable Development and Professional Training at KazNARU. The expert commission analyzes the results and formulates recommendations (SDG 16: Peace, Justice, and Strong Institutions).

10. Financial and Organizational Aspects

The initiative is funded by the university with potential support from grants. The organization includes preparation of materials, technical support, and training sessions (SDG 17: Partnerships for the Goals).

11. Final Provisions

This document comes into effect upon approval and remains in force until amended or repealed. All participants are required to adhere to the established rules and actively participate in activities aimed at improving knowledge literacy.