

MODULE 2 «CROP AND LIVESTOCK SYSTEMS UNDER THE CLIMATE CHANGE»



The purpose of the module is to educate future experts through Ph.D. studies who will be competent to deal with climate change impacts on agricultural productions systems, food security, sustainable resource management, environmentally safe crop production, sustainable animal husbandry systems, and animal welfare.

Climate change impact on agricultural production systems

Climate change effects on food security

Sustainable resources management (water, ecosystems, land management)

Environmentally friendly crop production (healthy agricultural products)

Sustainable livestock systems and animal welfare

MAIN TOPIC

41 sub-topic

81 presentations (ru, kz, eng)

33 developer

Completed and planned

2020

- An international working group has been established
- The curriculum of the module has been formed

2021

- Training materials have been developed
- Thematic seminars were held
- The 1st Block of the seminar has been implemented
- The Toolbox toolkit has been developed.

2022

- Implementation of the 2nd Block of the seminar
- External evaluation of the module quality
- Study trips and revision of the module content
- Introduction of the module into the curricula of the 3rd cycle of training

MICHAŁ LOSHTAK
PROFESSOR, DEPUTY DEAN OF SEMESTERS,
FIRST VICE-DEAN, HEAD OF THE
DEPARTMENT OF HUMANITIES



MIRRA AZHANOVICH
PHD, SENIOR LECTURER OF THE
DEPARTMENT OF TECHNOLOGY
OF ANIMAL PRODUCTS PRODUCTION



IRGAL AGALAYEV
LEADERSHIP OF AGRICULTURAL SCIENCES,
ASSOCIATE PROFESSOR OF THE
DEPARTMENT OF SEMINAL, ANIMAL BREEDING



Block Seminar 1



The first block seminar was held in a hybrid format during September 20-24, 2021. The universities responsible for the implementation of the block seminar - ABCRU from Kazakhstan and BSCA from Russia – hosted doctoral/postgraduate students and teachers from the respective countries at their sites. A teleconference was organized between the countries, and scientists and experts from the European Union countries connected online.



As part of the block seminar, a round table was held, which was attended by stakeholders, agricultural producers, representatives of regional authorities and research institutes. The discussion was lively and bright, key areas of agriculture were discussed, including issues of the current state of animal husbandry, crop production relevant for Russia and Kazakhstan.



At the end of the block seminar, SAGRIS project manager Professor Michal Loshtak (Czech University of Natural Sciences) summed up the results, received feedback from doctoral students and postgraduates. Buryat State Agricultural Academy and ABKRU were awarded certificates (certificates) of advanced training to all participants of the block seminar.



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