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Tropentag 2019 - book of abstracts

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International Conference on Research on Food  
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# Tropentag

# 2019

Filling gaps and removing  
traps for sustainable resources  
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## Book of abstracts

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University of Kassel  
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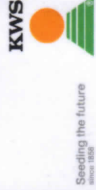


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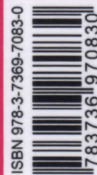
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agro-chemistry branches, cotton raw bases, corn bases, primary processing of fruits and vegetables, silk raw bases.

Every department prepares in the start of academic year education-methodical guides-programs for internships. Here also necessary to prepare daily notebooks for students, which they have to fill on base of work done daily. For every internship will appoint supervisor from corresponding department for 6–8 students. At the end of internship needs prepare detailed report, which will discussed in institute.

How we may solve above described problem of high education in Uzbekistan? First of all, it is urgently necessary to revise a charter of the country about high education and to shift main attention from rating students theoretical skills to getting professional experiences. A final examination form should be considered seriously by means of establishing criterions on the student's independent work. A subject teacher must rate student theoretical skills and his/her ability of critical thinking and how to find solutions for existing problems of the enterprises.

TOPAS project support management decisions through evidence based farm data analyses and evaluation, more precisely support practice oriented education and training.

**Keywords:** Agricultural management, ERASMUS+ TOPAS, higher education

## The Influence of Credible Data on Research Outcomes (cereals case)

KLYMENKO MAKSYM, VITRIAK OKSANA, DIBROVA MAKSYM  
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This contribution outlines the importance of improvements in higher education of agricultural studies and makes the case for its impacts on the national agricultural policy. It focuses on the critical types of costs, and the significance of reliable data management for cereal production in Ukraine and advocates suitable teaching approaches. The latter include vocationally oriented practical programs and competencies approaches, targeting new and old graduates, with flexible learning pathways and permeability among different agrarian management programs. Both elements are part of the programme of the ERASMUS+ funded international TOPAS project.

Ukraine is one of the largest producers and exporters of grain and steadily increases grain production despite a bunch of domestic grain market problems (e.g. high infrastructure costs for grain exports, price volatility, large companies' dominance). Data to forecast gross harvest, harvested area and yields were collected by AGMEMOD programme for 2019 — 2030 period according to the State Statistics Service of Ukraine from 2004 to 2018. The results showed that the production potential for wheat would be about 25 million tons by 2030.

The manufacturer's nominal producer protection coefficient was defined as the ratio of the domestic purchase price to the world. The competitiveness of domestic grain on the world market ensured by lower grain prices (during 2015–2017 years 21% lower than the world average). Agricultural producers compensate their price losses by lower cost of land lease and wages (take only 9% of direct costs, which is 3–4 times lower compared to developed countries); wheat exporters (traders) compensate their price losses by lower grain quality and logistics costs through lower purchasing prices.

Furthermore, during the last two years, statistical reporting in Ukraine by agricultural enterprises in the form of 50-SG was cancelled, which complicates analytical and research activity, especially in training economic profile specialists. Implementation of the EU Erasmus+ KA2 TOPAS project aims to collect data on typical Ukrainian enterprises. The applied standard methodology to calculate profit margins for crops and data processing relies on the RegioMAX management decision-making programme and allows for solving this problem substantially.

**Keywords:** Agricultural management, ERASMUS+ TOPAS, farm data

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