

ERASMUS+ 610383-EPP-1-2019-1-DE-EPPKA2-CBHE-JP (2019-2086) Enhancement of Postgraduate Studies on Sustainable Agriculture and Future farming Systems (SAGRIS)

1st BLOCK SEMINAR on MODULE 2 «CROP AND LIVESTOCK SYSTEMS UNDER CLIMATE CHANGE»

BURYAT STATE ACADEMY OF AGRICULTURE NAMED AFTER V.R. PHILIPPOV Ulan-Ude, Republic of Buryatia, Russia

KOSTANAI REGIONAL UNIVERSITY NAMED AFTER A. BAITURSYNOV Kustanai, Kazakhstan

September 20-24, 2021

PROGRAMME

Sunday, September 19, 2021

Arrival at the airport Transfer to the hotel

Monday, September 20, 2021 г.

	Day1	Visits to progressive agrarian enterprises of the region to demonstrate how they respond to climate change
GMT+6	GMT+8	
	09:00 - 13.00	In Russia: Excursion to LLL "Zhemchug"
		In Kasakhstan: Excursion to the dairy farm "Beck+"
	13:00	Lunch
	14:00 - 18.00	In Russia: Excursion to "The Sayan Maral Farm" @sayanskiy maral In Kasakhstan:
		Excursion to the farm "Terra", "Troyan" LLP
	19:00	Dinner



Tuesday, September 21, 2021

Day 2			Opening of the block seminar
GMT+2	GMT+6	GMT+8	
03:00	07:00	09:00	Meeting participants at the venue of the block seminar, online connection: Conference ID: Zoom https://us02web.zoom.us/j/82825854637 Meeting ID: 828 2585 4637
03:30	07:30	09:30	Seminar programme and its goal. Information reference Erzhena Imeskenova (project coordinator of the Buryat State Academy of Agriculture)
03:45	07:45	09:45	Discussion of the group case study. Group work: the case study has been given to PhD/doctorate students in advance A supervisor is assigned in each group for discussion and consultation.
05:00	09:00	11:00	Coffee-break
05:30	09:30	11:30	Open discussion "Climate Change Problems" Gulshat Shaikamal (project coordinator from A. Baitursynov Kostanai Regional University, Kazakhstan)
07:00	11:00	13:00	Обед
08:00	12:00	14:00	Welcome Address: - Belikto Tsybikov (Rector of V.R. Filippov Buryat State Agricultural Academy, Russia) - Alma Doshchanova (Acting Chairman of the Board - Rector of A. Baitursynov Kostanai Regional University, Kazakhstan) - Heinrich Schühle, (project leader), Anna Borsuk (project manager), University of Nuertingen-Geislingen, Germany - Michal Lošták (EU module leader, Czech University of Life Sciences, Czech Republic) - Olga Altayeva (Module 2 supervisor, V. R. Filippov Buryat State Agricultural Academy, Russia) - Indira Aitzhanova (Module 2 supervisor, A. Baitursynov Kostanai Regional University, Kazakhstan, Russia).
09:00	13:00	15:00	Discussion of scientific article (Panel discussion): "Agriculture's Contribution to Climate Change and Role in Mitigation Is Distinct From Predominantly Fossil CO2-Emitting Sectors". Moderator: Prof. Dr. Michal Lošták, Czech University of Life Sciences (Czech Republic)
	14:30	16:30	Coffee-break
	17.50		
11:00 – 12:30	15:00 – 16:30	17:00 – 18:30	Natural resource assessment in the context of climate change Prof. Axel Schwerk (Warsaw University of Life Sciences, Poland)
11:00 –	15:00 -		Prof. Axel Schwerk (Warsaw University of Life Sciences,



Wednesday September 22, 2021

		Day 3	Session: The Impact of Climate Change on Food Security
GMT+2	GMT+6	GMT+8	
03:00	07:00	09:00	Socio-historical aspects of the global food problem Olga Altayeva (Module Leader, V.R. Filippov Buryat State Agricultural Academy)
04:00	08:00	10:00	Climate-optimized agriculture for food security Inga Ryumkina (Novosibirsk State Agrarian University, Russia)
05:00	09:00	11:00	Coffee-break
05:30	09:30	11:30	Case study work in groups of postgraduate and doctoral students
07:00	11:00	13:00	lunch
			Session: Impact of climate change on agricultural production systems
08:00	12:00	14:00	Case study work in groups of postgraduate and doctoral students
09:00	13:00	15:00	Impact of climate change on agricultural practices Damira Aitmukhanbetova (Kazakh National Agrarian Research University, Kazakhstan)
10:00	14:00	16:00	Coffee-break
10:30	14:30	16:30	Soil additives that improve the conduct of elements and compounds in soil and the quality of agricultural products under climate change Pavel Tlustoš (Czech University of Life Sciences, Czech Republic)
12:00	16:00	18:00	Case study work in groups of postgraduate and doctoral students (optional)
13:00	17:00	19:00	Dinner



Thursday, September 23, 2021

		Day 4	Presentations of postgraduate/doctoral students' reports. Purpose: interaction and integration of postgraduate and doctoral students in the scientific community
GMT+2	GMT+6	GMT+8	
03:00	07:00	09:00	Losses in agriculture due to climate change Bulat Tzydypov (PhD student, V.R. Filippov Buryat State Agricultural Academy, Russia)
04:00	08:00	10:00	Impact of agriculture on soil fertility Aida Dukeyeva (PhD student, ZKATU, Kazakhstan)
05:00	09:00	11:00	Coffe-break
05:30	09:30	11:30	Case study work in groups of postgraduate and doctoral students
07:00	11:00	13:00	Lunch
			Session: Sustainable Livestock Systems and Animal Welfare
08:00	12:00	14:00	Effects of climate change on animal physiology and animal welfare (case of temperature shocks) Prof. Marketa Sedmikova (Czech University of Life Sciences, Czech Republic)
09:30	13:30	15:30	Devising an English rural food system framed by the United Nations Sustainable Development Goals and climate change challenges Holly Barlow, a PhD students, Czech University of Life Sciences (Czech Republic)
11:00	15:00	17:00	Coffee-break
11:30 - 13:00	15:30 - 17:00	17:30 – 19:00	Films on climate change and their discussion
13:30	17:00	19:00	Dinner



Friday, September 24, 2021

		Day 5	Presentation of cases.
			Stakeholder roundtable discussion
GMT+2	GMT+6	GMT+8	
03:00	07:00	09:00	Presentation of cases by postgraduates/doctoral students
07:00	11:00	13:00	Lunch
08:00	12:00	14:00	Round table with the participation of stakeholders. Topic: "Challenges for the Future of Agriculture in a Changing Climate. Representatives: - Stanislav Garmaev (Head, Department of Agriculture, Tunkinsky District, Russia) - Bair Baiminov (Director, Tunkinsky National Park, Russia) - Valentin Batomunkuyev (Deputy Director for Science, Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences, Russia) - Bulat Garmaev (Director General, Sayansky Maral, Russia) - Tamir Shagdarov (Director General, Zhemchug LLC, Russia) - Kabi Shaykenov, Head of Livestock Breeding Department, State Institution "Territorial Inspection of Agroindustrial Complex of the Ministry of Agriculture of the Republic of Kazakhstan - Ануарбек Бисембаев, к.с.х.н., директор ТОО Научно-производственного центра животноводства и ветеринарии - Руслан Гарайханов, главный зоотехник ТОО «Олжа Агро» (Представители с животноводческих предприятий) - N.N., гергеsentative from the Association of practicing ecologists Moderator: Gulnara Yunusova, Ph.D. Sci. Biol.
10:30	14:30	16:30	Concluding comments and feedback from the block seminar participants
11:30	15:30	17:30	Summing up and closing of the block seminar
13:00	17:00	19:00	Dinner

Saturday, September 25, 2021





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Enhancement of Postgraduate Studies on Sustainable Agriculture and Future Farming Systems(SAGRIS)

MODULE 2 BLOCK-SEMINAR 2 «CROP AND LIVESTOCK SYSTEMS UNDER CLIMATE CHANGE»

A.BAITURSYNOV KOSTANAY REGIONAL UNIVERSITY Kostanay, Kazakhstan

June, 06-10th, 2022

June,6th, 2022

Day 1	Opening	of Block-Seminar
GMT+2	GMT+6	- y
05:00- 08:30	09:00- 12:30	Meeting of participants, university tour, Research Institute of AB, innovation laboratories, Smart Center
08:30- 09:30	12:30- 13:30	Lunch
09:45- 10:00	13:45- 14:00	Meeting of participants at the venue of the block seminar, online connection: To connect the Zoom conference: https://us02web.zoom.us/j/88233089237?pwd=VEVuaGFsV081d1RVOGZ4VzZ0b2tPdz09 Conference identificator: 882 3308 9237
		Pass code: 269251
10:00- 10:30	14:00- 14:30	Greeting: Galiya Ismuratova Acting Vice-Rector for Research and Innovation and international development of ABKRU, Kazakhstan
		Heinrich Schuele scientific leader of the project, University of Nürtingen-Geislingen, Germany
		Michal Lostak
		EU module leader, Czech University of Life Sciences, Czech Republic
		Indira Aitzhanova project coordinator, module leader, ABKRU, Kazakhstan
		Agenda, Background Information and Objectives of the Seminar
10:30-	14:30-	Agroforestry for climate change adaptation and mitigation





12:00	16:00	Prof. BohdanLojka
12:00	16:00	Coffee-break
12:30- 13:30	16:30 17:30	Screening and discussion of the film on the topic "Regenerative Agriculture Revolution" https://www.eitfood.eu/projects/the-regenerative-agriculture-revolution-2020
	18:00	Dinner

June, 7th, 2022

Day2	Excursiontotheenterprise		
	GMT+6		
	09:00- 14:00	Excursion to the agricultural enterprise CF "Sadovod", Kostanay region, Kostanay, 33, Kurganskaya Str. Acquaintance with the management of the enterprise	
	14:00- 15:00	Lunch	
	15:00- 17:30	Presentation of project assignments for doctoral students Group work over the assignment	
	18:00	Dinner	

June,8th ,2022

Day 3	Impact o	f climate change on food security and agricultural production systems
GMT+2	GMT+6	
05:00- 06:15	09:00- 10:15	International systemsofindicatorscharacterizingfoodsecurityandmethodologicalaspectsoftheirc alculation D.A.Aitmukhanbetova, Deputy Dean ofthe High School "Business and Law",
06:15-	10:15-	associate professor of KazNARU Influence of atmospheric precipitation on the yield of spring wheat and barley
07:30	11:30	in the dry steppe zone of the Northern Kazakhstan Zhumagulov I.I., Candidate of Agricultural Sciences, Associate Professor of KATU named after S. Seifullin
07:30	11:30	Coffee-break
08:00- 09:30	12:00- 13:30	Crops yield stability and resilience become more important under climate change <i>Prof. Josef Hakl</i>
09:30- 10:30	13:30- 14:30	Dinner
	Sustaina	ble use and management of resources





10:30-	14:30-	Food systems, food chains, food losses and waste
11:30	15:30	G.B.Yunusova, c.b.sc.,
		Head of the Department of Biology, Geography and Chemistry, ABKRU
11:30	15:30	Coffee-break
12:00- 13:30	16:00- 17:30	Group work over the assignment for doctoral students
	18:00	Dinner

June, 9th, 2022

Day4	Environn	nent ally friendly crop production
GMT+2	GMT+6	
05:00- 06:00	09:00- 10:00	The influence of weather conditions on the productivity of millet in the dry steppe zone of Kazakhstan
		Irina Zhirnova, doctoral student of KATU named after S. Seifullin
06:00- 07:00	10:00- 11:00	Biotechnologies in fisheries and aquaculture of the West Kazakhstan region Ashat Zhumabayev, 1st year doctoral student of WKATU named after Zhangir Khan
07:00	11:00	Coffee-break
07:30- 09:00	11:30- 13:00	Mountain value chains under climate change - a case study of bee-honey in Slovakia
		Dr. Diana Surova
09:00- 10:00	13:00- 14:00	Lunch
	Sustaina	ble livestock systems and animal welfare
10:00- 11:00	14:00- 15:00	Advanced Research in Agriculture (Practical lesson) G.B. Yunusova, c.b.sc., Head of the Department of Biology, Geography and Chemistry, ABKRU
11:00-	15:00-	Organization of feeding on feedlots
12:00	16:00	Rustem Urazov, LLP"AkTep"Director
12:00	16:00	Coffee-break
12:30- 13:30	16:30- 17:30	Risk Factors for Decreased Welfare in the Context of Climate Change Beibit Kulataev, Candidate of Agricultural Sciences, Professor, KazNARU
	18:00	Dinner

June, 10th, 2022

Day 5	Presentation of group projects

GMT+2 GMT+6

18:00

Dinner





05:00- 08:00	09:00- 12:00	Presentation of group projects developed by the doctoral students
08:00- 09:00	12:00- 13:00	Lunch
Round table with participants of the block seminar and stakeholders		
09:00- 11:30	13:00- 15:30	Round Table Topic: «Crop and livestock systems in the climate change» Stakeholders: - Daniyar Zhantleuov, Head of the Livestock Department, North Kazakhstan Scientific Research Institute of Agriculture LLP - Andrey Dvurechensky, Director of Alexandrovskoye LLP - Viktor Simanenko, head of the farm "Sadovod" - RuslanGaraykhanov, chief livestock specialist of "OlzhaAgro", LLP - Zhadyra Baydildina, Chief Specialist in Animal Husbandry of Agrogenetics LLP
		Moderator: N.V.Papusha, Candidate of Agricultural Sciences, Associate Professor, ABKRU
11:30	15:30	Coffee-break
The final part of the Block Seminar		
12:00- 13:00	16:00- 17:00	Closing comments and feedback from Block Seminar participants Summing up and closing the seminar.