



## AGENDA

**AUTUMN SCHOOL "The importance of the application of the navigation system in the development of precision agriculture" and FINAL CONFERENCE**  
within the project 597985 EPP-1-2018-1-KZ-EPPKA2-CBHE-JP "New and Innovative Courses for Precision Agriculture" (NICOPA)  
partner universities of Germany, Bulgaria, Czech Republic, Uzbekistan, Turkmenistan and Kazakhstan

**Date: October 10 - 15, 2022**

**Venue: Astana, S.Seifullin Kazakh Agrotechnical University**

**9.10.2022 - arrival of participants**

Time	Activities
<b>AUTUMN SCHOOL / 10 – 11.10.2022</b>	
Off-line and on-line platform zoom <b>ID 963 729 0639</b> пароль <b>12345</b> <i>participants</i> – lecturers, students and employers of partner universities of Germany, Bulgaria, Czech Republic, Uzbekistan, Turkmenistan and Kazakhstan	
<b>10.10.2022</b> <b>(classrooms Big Data, building of Technical Faculty)</b>	
<b>09:00-09:15</b>	Registration of participants of the Autumn School
<b>09:15-09:30</b>	Welcome speech and introduction to the program of the event, <b>Ismail Tokbergenov</b> , <i>co-coordinator of the project, acting Chairman of the Board of S. Seifullin KATU</i>
<b>09:30-10:15</b>	Lecture «"The role of precision agriculture in the development of sustainable land use", <b>Onggarbek Alipbeki</b> , <i>S.Seifullin KATU</i>
<b>10:15-11:00</b>	Lecture "The use of GIS technologies for the formation of informative layers in solving problems of the Committee for Forestry and Wildlife of the Republic of Kazakhstan", <b>Sergey Sartin</b> , <i>M.Kozybayev NKU</i>
<b>11:00-11:15</b>	<b>Coffee break</b>
<b>11:15-12:00</b>	Lecture "The main elements of the precision farming system", <b>Nurbol Kakabaev</b> , <i>Miras Suraganov, Ualikhanov University</i>
<b>12:00-12:45</b>	The practical part - the use of a laser drone, group work in the PASO laboratory, <b>Sergey Sartin</b> , <i>M. Kozybayev NKU</i>
<b>12:45-13:00</b>	Discussion
<b>13:00-14:00</b>	<b>Lunch</b>
<b>14:00-18:00</b>	Visiting EXPO exhibition, city sightseeing (departure of transport from the main building)

<b>11.10.2022</b> <b>(classroom Big Data, building of Technical Faculty)</b>	
<b>09:00-09:15</b>	Registration of the participants of the Autumn School
<b>09:15-10:00</b>	Lecture "Global navigation satellite systems", <b>Farabi Ermekov</b> , <i>S. Seifullin KATU</i>
<b>10:00-10:45</b>	Lecture "The use of GIS technologies for agrochemical assessment of land and soil fertility", <b>Zhanna Almanova</b> , <i>S. Seifullin KATU</i>
<b>10:45-11:00</b>	<b>Coffee break</b>
<b>11:00-11:45</b>	Practical part, group work in the PASO laboratory, <b>Farabi Ermekov</b> , <i>S. Seifullin KATU</i>
<b>11:45-12:30</b>	Discussion
<b>12:30-13:45</b>	<b>Lunch</b>
<b>13:45-18:00</b>	Departure to LLP "A. Barayev Scientific Production Center", 60 km from Astana (demonstration of the application of precision farming in a farm environment)
<b>FINAL CONFERENCE / October 12 - 13, 2022</b> <b>format offline and online zoom ID 963 729 0639 password 12345</b> <b>participants - representatives of the Ministries of Education of Kazakhstan, Uzbekistan and Turkmenistan; project participants from partner universities in Germany, Bulgaria, the Czech Republic, Uzbekistan, Turkmenistan and Kazakhstan</b>	
<b>12.10.2022</b> <b>(Classroom Big Data, Building of Technical Faculty)</b>	
<b>09.00 -09.15</b>	Registration of the participants of the Conference
<b>09:15-09:35</b>	Significance of the NICOPA project for the universities in Central Asia, <b>Sara Kitaibekova</b> , project manager
<b>09:35-09:55</b>	Report on achievements within the framework of the NICOPA project, <b>Orazmukhammed Durdiyev</b> , <i>coordinator of S.A. Niyazov Turkmen Agricultural University, Turkmenistan</i>
<b>09:55-10:15</b>	Report on achievements within the framework of the NICOPA project, <b>Babageldy Kurbanov</b> , <i>coordinator of the Turkmen Agricultural Institute, Doshauguz, Turkmenistan</i>
<b>10:15-10:35</b>	Report on the achievements of the NICOPA project, <b>Yolly Myradov</b> , <i>coordinator of the Turkmen State Institute of Architecture and Construction, Turkmenistan</i>
<b>10:35-11:00</b>	<b>Coffee break</b>
<b>11:00-11:30</b>	Significance of the NICOPA project for universities in Uzbekistan, <b>Abdumanap Nasirov</b> , <i>coordinator of the National University of Uzbekistan</i>
<b>11:30-12:00</b>	NICOPA Project Achievement Report, <b>Ilkhom Abdurakhmanov</b> , <i>Coordinator, Tashkent Institute of Irrigation and Melioration, Uzbekistan</i>
<b>12:00-12:30</b>	Report on achievements within the framework of the NICOPA project, <b>Timurbek Kuchkorov</b> , <i>coordinator, Tashkent University of Information Technologies, Uzbekistan</i>
<b>12:30-13:00</b>	Questions and answers. Discussion
<b>13:00-14:00</b>	<b>Lunch</b>

<b>(M.A. Gendelman Conference Hall, main building)</b>	
<b>14:00-14:15</b>	Welcome speech, <b>Akhylbek Kurishbayev</b> , <i>coordinator of the project, Member of the Senate of the Parliament of the Republic of Kazakhstan</i>
<b>14:15-14:25</b>	Welcome speech, Banu Narbekova, <b>Бану Нарбекова</b> , Deputy Director of the Committee for Higher and Postgraduate Education of the Ministry of Education and Science of the Republic of Kazakhstan
<b>14:25-14:35</b>	Welcome speech, <b>Akmaral Idirissova</b> , <i>Project Officer, Cooperation Section, Delegation of the European Union to the Republic of Kazakhstan</i>
<b>14:35-14:45</b>	Welcome speech <b>Kuysinov Odil</b> , <i>Deputy-head of the SISQE State Inspectorate for Supervision of Quality in Education under the Cabinet of Ministers of the Republic of Uzbekistan</i>
<b>14:45-14:55</b>	Welcome speech, <b>representative of the Ministry of Education of the Republic of Turkmenistan</b> (on-line)
<b>14:55-15:05</b>	Welcome speech, <b>Chorekliyeva Aina</b> , <i>coordinator of the National Office Erasmus+ in Turkmenistan</i> (on-line)
<b>15:05 - 15:10</b>	Welcome speech, <b>Abdurakhmanova Aziza</b> , <i>coordinator of the National Office Erasmus+ in Uzbekistan</i> (on-line)
<b>15:10-15:25</b>	Welcome speech, <b>Eshonkulov Furkhat</b> , <i>General director of LLC "Unitek Standart", Uzbekistan</i>
<b>15:25-15:35</b>	Welcome speech, <b>Saykhat Nukeshev</b> , <i>Deputy Chairman of the Board of National Agrarian Scientific Education Center, Ministry of Agriculture of the Republic of Kazakhstan</i>
<b>15:35-15:50</b>	NICOPA - as a means of achieving innovation in agriculture in Central Asia, <b>Svetlana Jasik</b> , <i>EXOLAUNCH, Berlin, Germany</i>
<b>15:50-16:00</b>	Problems and results in the implementation of the NICOPA project in the universities of Central Asia, <b>Boryana Ivanova</b> , <i>Vice-Rector of the Agricultural University in Plovdiv, Bulgaria</i>
<b>16:00-16:15</b>	Analysis of the development of education in the field of precision agriculture in the universities of Central Asia in the framework of the NICOPA project, <b>Frantisek Kumhala</b> , <i>Czech University of Life Sciences in Prague, Czech Republic</i>
<b>16:15-16:30</b>	Questions and answers. Discussion
<b>16:30-19:00</b>	<b>Coffee break</b> , free time
<b>19:00</b>	<b>Official Dinner</b>
<b>13.10.2022</b>	
<b>08:00-20:00</b>	Departure to the Kazakh Scientific Research Institute of Forestry, campus of the Faculty of Forestry, Wildlife and Environment of S. Seifullin KATU, Shchuchinsk
	State National Nature Park “Burabay” (230 km from Astana)
<b>14.10.2022</b>	
<b>09:00-10:30</b>	University tour
<b>10:30-11:00</b>	Significance of the NICOPA project for universities in Kazakhstan, <b>Gulmira Satybaldiyeva</b> , <i>Academic Manager of the NICOPA project, S. Seifullin Kazakh Agrotechnical University</i>
<b>11:00-11:30</b>	Significance of the NICOPA project for the universities of Kazakhstan, <b>Anar</b>

	<b>Belgibayeva</b> , <i>NICOPA project coordinator, Ualikhanov University</i>
<b>11:30-12:00</b>	<b>Coffee break</b>
<b>12:00-12:30</b>	Significance of the NICOPA project for universities in Kazakhstan, <b>Sergey Sartin</b> , <i>NICOPA project coordinator, M. Kozybayev</i>
<b>12:30-13:00</b>	Questions and answers. Discussion
<b>13:00-14:00</b>	<b>Lunch</b>
<b>14:00-14:30</b>	Activity of PAL, PASO laboratories, heads of laboratories of 9 universities
<b>14:30-15:00</b>	Report on the use of funds within the project, <b>Sulushash Khamzina</b> , <i>NICOPA project financier</i>
<b>15:00-15:30</b>	Discussion, analysis of the presented documents
<b>15:30-16:00</b>	<b>Coffee break</b>
<b>16:00-16:30</b>	Discussion about the results of the project achievement. Making a resolution, <b>Sara Kitaibekova</b> , <i>project manager</i>
<b>16:30-17:00</b>	Presentation of certificates. Group photo
<b>15.10.2022</b>	
<b>09:00-13:00</b>	Steering Committee
	Departure of participants