

Report on the dissemination
activities implemented within
the 2nd year of the project



New and Innovative Courses for Precision Agriculture



TURKMEN AGRICULTURAL INSTITUTE

Faculties: Hydro melioration and Agricultural Mechanization

Mr. Babageldi Kurbanov – Head of the
Department of Agricultural land reclamation

Joint Project: Capacity Building in the Field
of Higher Education ERASMUS+ 2018

Co-funded by the
Erasmus+ Programme
of the European Union



The schedule of dissemination events (2020)

№	Activities	Deadline
1.	Skype-conference with partner universities of Turkmenistan, Uzbekistan, Kazakhstan, EU	February 2020/completed
2.	At the scientific-production conference held at the Turkmen Agricultural Institute, student D.Makhmudov (under the guidance of teacher D.Durdyev) “Application of satellite data in agriculture” and student H.Geldimuradov (under the guidance of teacher B.Kurbanov) on “Water management systems of GIS programs application”	March 30, 2020/completed
3.	Scientific and practical conference on the occasion of the 25th anniversary of the Permanent Neutrality of Turkmenistan was held at the Turkmen Agricultural Institute. The celebration, organized at the main entrance of this university, was attended by 2 students led by teacher D. Durdyev	May 13, 2020/completed
4.	The members of the working group took part in the GEF/UNDP/MA&EP of Turkmenistan workshop on “Implementing the Integrated Water Resources Management Course” in the project “Supporting climate resilient livelihoods in agricultural communities in draught-prone areas of Turkmenistan (SCRL)”. Teacher B.Kurbanov delivered a speech (Integration of the course "Integrated Water Resources Management" into the curriculum)	May 27, 2020/completed

The schedule of dissemination events (2020)

№	Activities	Deadline
5.	At the scientific-practical conference held at the Turkmen Agricultural Institute, teacher D.Durdyev “Technology of fertilizer delivery in a differentiated manner”, student D.Mahmudov (under the guidance of teacher D.Durdyev) “Features of electronic harvesting cards” and student A.Abdyrahmanova (under the guidance of teacher B.Kurbanov) delivered a speech entitled “Precision farming is the future of the agricultural sector”	June 8, 2020/completed
6.	The project competition among the students of Turkmenistan was attended by 2 students led by NICOPA project teacher D.Durdyev	June 9, 2020, Ashgabat/completed
7.	Familiarization of the lecturers of the Department of Technology of irrigation and drainage works with the work of the project “New and innovative courses for precision agriculture (NICOPA)” of the ERASMUS+ program	September 30, 2020/completed
8.	Familiarization of the lecturers of the Department of Operation and repair of agricultural techniques with the work of the project "New and innovative courses for precision agriculture (NICOPA)" of the ERASMUS + program	October 26, 2020/completed

The schedule of dissemination events (2020)

№	Activities	Deadline
9.	A scientific and practical conference and exhibition with the participation of teachers and students on the occasion of the Harvest Festival was held at the Institute. A specially prepared stand from the NICOPA project was shown at the exhibition and booklets were distributed.	November 2, 2020/completed
10.	Meeting with representatives of the production association “Dashoguzsuvkhodjalyk”	November 3, 2020/completed
11.	Familiarization of lecturers of the Department of Agro chemistry and Soil Science with the work of the project “New and innovative courses for precision agriculture (NICOPA)” of the ERASMUS + program	November 14, 2020/completed
12.	Familiarization of lecturers of the Department of Computer Technology with the work of the project “New and innovative courses for precision agriculture (NICOPA)” of the ERASMUS + program	November 28, 2020/completed
13.	Meeting with representatives of the GEF/UNDP/MAEPT project “Support climate resilient livelihoods in agricultural communities in drought-prone areas of Turkmenistan”	December 18, 2020/completed
14.	NICoPA+ Agreements	

Skype-conference with partner universities of Turkmenistan, Uzbekistan, Kazakhstan, EU



TAI



KATU



TSITC

At a scientific-production conference TAI

HORMATLY _____!

SIZI TÜRKMENISTANYŇ OBA HOJALYK WE DAŞKY
GURŞAWY GORAMAK MINISTRRLIGI,
TÜRKMENISTANYŇ BILIM MINISTRRLIGI,
TÜRKMEN OBA HOJALYK INSTITUTY
TARAPYNDAN GEÇIRILÝÄN

“HORMATLY PREZIDENTIMIZIŇ
ÝURDUMYZDA OBA HOJALYGYNY
YLMY ESASDA ÖSDÜRMEK
BARADAKY DÖWLET SYÝASATY
AZYK BOLÇULYGYNYŇ ÖZENIDIR”

atly ylmy-önümçilik maslahatyna
uly hormat bilen çagyryýarys

Ylmy-önümçilik maslahaty
2020-nji ýylyň 30-njy martynda
institutyň uly mejlisshanasynda
sagat 14:00-da başlanýar.

26. Ýuwuş suwunyň ekerançylyk meýdanlarynyň melioratiw ýagdaýyna täsiri.
Arazdurdyýew N., Türkmen oba hojalyk institutynyň mugallymy.
27. Ýurdumyzda oba hojalyk önümçiligi üçin ýokary derejeli, kämil hünärmenleri taýýarlamagyň möhüm wezipeleri.
Mergenow K., Türkmen oba hojalyk institutynyň mugallymy.
28. Ýerleriň melioratiw ýagdaýyny gowulandyrmagyň ylmy esaslary.
Agajanow K., Türkmen oba hojalyk institutynyň 2-nji ýyl talyby.
29. GIS programmalarynyň suw hojalyk ulgamlary dolandyrylanda ulanylyşy.
Geldimuradow H., Türkmen oba hojalyk institutynyň 4-nji ýyl talyby.

Çykyşlar.
Bölämiň işini jemlemek.



26. Ekerançylyga innowasiýa tehnologiýalarynyň ornaşdyrylyşy.
Meredow A., Türkmen oba hojalyk institutynyň mugallymy.
27. Ýarym taýýar maldarçylyk önümleriniň taýýarlanylşy
aýratynlyklary.
Kurýazowa A., Türkmen oba hojalyk institutynyň mugallymy.
28. Kiçi göwrümlü daňhan hojalyklarynda haşal otlara garşy göreşmegiň aýratynlyklary.
Eltezarow T., Türkmen oba hojalyk institutynyň 3-nji ýyl talyby.
29. Oba hojalygynda emeli hemralardan alynýan maglumatlaryň ulanylyşy.
Mahmudow D., Türkmen oba hojalyk institutynyň 2-nji ýyl talyby.
30. Tut agaçlarynyň suwy tygysytlajy tehnologiýalardan peýdalanylýp ýetişdirilişi
Uraýew T., Türkmen oba hojalyk institutynyň 3-nji ýyl talyby.

Çykyşlar.
Bölämiň işini jemlemek.



Scientific and practical conference on the occasion of the 25th anniversary of the Permanent Neutrality of Turkmenistan



Foyer at Turkmen Agricultural Institute

Members of the Working Group on Seminar of the Project SCRL (GEF/UNDP/MA&EP of Turkmenistan)



Teacher B. Kurbanov – Integration of the course "Integrated Water Resources Management" into the curriculum

At a scientific-production conference TAI

HORMATLY _____!

SIZI TÜRKMENISTANYŇ OBA HOJALYK WE
DAŞKY GURŞAWY GÖRAMAK MINISTRIGI,
TÜRKMENISTANYŇ BILIM MINISTRIGI,
TÜRKMEN OBA HOJALYK INSTITUTY TARAPYNDAN
YLYMLAR GÜNI MYNASYBETLI GEÇIRILÝÄN

“YLYM ULGAMYNÝ ÖSDÜRMEK DÖWLET
SYÝASATYNYŇ ILERI TUTULÝAN UGRUDYR”

atly professor-mugallymlaryň, aspirantlaryň,
dalaşgärleriň we talyplaryň ylmy-amaly maslahatyna
uly hormat bilen çagyryarsy.

Ylmy-amaly maslahat
2020-nji ýylyň 8-nji iýunynda
institutyň uly mejlishanasynda
sagat 14:00-da başlanýar.

Türkmenistanyň Prezidenti
Gurbanguly BERDIMUHAMEDOW:

- *Eziz ýaşlar! Diýarymyzy ylym ojagyna, bereket çeşmesine,
bolçulygynyň mekanyna öwürmekde size uly-uly işler garasýar.*

ÜÇÜNJI BÖLÜM

BERKARAR DÖWLETIMIZIŇ BAGTYÝARLYK DÖWRÜNDE
OBA HOJALYK YLMYNYŇ ÖSÜŞI

Geçirilýän ýeri: Okuw binasynyň 374-nji otagy
Geçirilýän wagty: sagat 15:00

Başlyk - *Ataýewa A.*, mugallym
Kätip - *Kutlyýewa A.*, mugallym

1. Güýzlük bugdaýyň täze nusgalarynyň synagy.
Orazbaýewa M., Türkmen oba hojalyk institutynyň mugallymy.
2. Demirgazyk Türkmenistanda güýzlük bugdaýyň dökün düzgünini kämilleşdirmek.
Kutlyýewa A., Türkmen oba hojalyk institutynyň mugallymy.
3. Sürümiň dürli kadasyňyň gowaçanyň hasylylygyna täsiri.
Gurjiýew G., Türkmen oba hojalyk institutynyň mugallymy.
4. Dökünleri differensirlenen usulda bermeginiň tehnologiýalary.
Durdyýew D., Türkmen oba hojalyk institutynyň mugallymy.
5. Miweli baglaryň sowuga çydamlylygyny öwrenmegiň ylmy esaslary.
Ataýewa A., Türkmen oba hojalyk institutynyň mugallymy.

16. Ylym we tehnologiýalar ulgamynda gazanylyan üstünlikler.
Dosmetow P., Türkmen oba hojalyk institutynyň mugallymy.
17. Sanly ykdysadyýet şertlerinde internet hyzmatlarynyň ähmiýeti.
Weliýew T., Türkmen döwlet ykdysadyýet we dolandyryş institutynyň mugallymy.
18. Oba hojalyk önümlerini guratmakda Gün energiýasyny peýdalanmagyň tehnologiýasy.
Matýakubow A., “Gaýtadan dikeldilýän energiýa çeşmeleri” ylmy-önümçilik merkeziniň ylmy işgäri.
19. Inžener ugurly hünärlerde tehniki dersleri okatmagyň aýratynlyklary.
Annaýewa O., Türkmen oba hojalyk institutynyň mugallymy.
20. Ylymy ýaşlar-döwletimizäniň ygytlylygy.
Baltaýewa S., Türkmen oba hojalyk institutynyň mugallymy.
21. Ylym-özümlere we özümlere badalga.
Nurgeldýew N., Türkmen oba hojalyk institutynyň mugallymy.
22. Topragy dökünlemede AZÇ maşynyň ulanylyş aýratynlyklary.
Hudayberdiýew R., Türkmen oba hojalyk institutynyň mugallymy.
23. Türkmenistanda sanly bilim ulgamyň ösdürmekde kompýuter tehnologiýasynyň orny.
Dosnazarow B., Türkmen oba hojalyk institutynyň mugallymy.
24. Gus etiniň hil görkezijileriniň ýokarlandyrmagyň ýollary.
Muradowa E., Türkmen oba hojalyk institutynyň mugallymy.
25. Hasylylygyň elektron kartalaryny işläp düzmegiň aýratynlyklary.
Mahmudow D., Türkmen oba hojalyk institutynyň 2-nji ýyl talyby.
26. Şorlaşan suwlaryň öleşdirmekte suw otalaryň ähmiýeti.
Geldýew D., Türkmen oba hojalyk institutynyň mugallym-öwrenijisi.

27. Ylym ähli ösüşleriň badalgasydyr.
Pygamow Ş., Türkmen oba hojalyk institutynyň mugallym-öwrenijisi.
28. Takyk ekerançylyk oba hojalyk pudagynyň geljigidir.
Abdyrahmanowa A., Türkmen oba hojalyk institutynyň 2-nji ýyl talyby.
29. Daýhan hojalyklarynda hasap işleriniň sanly ulgama ýöredilişi.
Ýazmedowa G., Türkmen oba hojalyk institutynyň mugallymy.
30. Kämil ylym we bilim - rönşen geljegiň binýady.
Mergenow K., Türkmen oba hojalyk institutynyň mugallym-öwrenijisi.
31. Spinkler arkaly ýagşy ýagdyrmak usulynda gowaçany suwarkam usulynyň aýratynlyklary.
Annamyrdadow A., Türkmen oba hojalyk institutynyň 4-nji ýyl talyby.

Çykýşlar.
Bölämiň işini jemlemek.



The project competition among the students of Turkmenistan



Foyer at Institute of Telecommunications and Informatics of Turkmenistan

Scientific and Practical Conference and Exhibition TAI



Foyer of Cultural Center at Turkmen Agricultural Institute

Working meetings with academic groups



December 25, 2020

NICOPA+ Agreements

YLALASYK "NICOPA University-Enterprise"

№ 01-2020 / TM

Ylalaryk
"NICOPA uniwersiteti – Kärhana"

"Takyk ekeranchylyk üçin täze we innovasion okurlyk"

Ylalarygyň taraplary

Bu Ylalaryk, "NICOPA" taslamasyňyň konsorsiumynyň agzasy bolan "Türkmen oba hojalyk instituty" bilen, mundan beýläk "Institut" diýip atlandyrylýan

Türkmen oba hojalyk instituty, 746300, ş. Dashoguz, Ruhnama köçesiniň 94-njy jayy

we akademiki däl kärhana

"Rysgally Atan daň" daýhan hojalygy, 746390, etr. Gergöly, M.Arazmedow köçesiniň 31-nji jayy

mundan beýläk "Hyzmatdaş" diýip atlandyrylýan taraplaryň arasynda baglanyldy. Bu Ylalarygyň çäklerinde Institut bilen Hyzmatdaşyň hyzmatdaşlygy esasynda "NICOPA" taslamasyňyň netijelerini ýaýratmak, durmuşa geçirmek we ösdürmek hem-de "Institutyň" talypalaryny işe ýerleşdirmek mümkinçiliklerini ýokarlandyrmak taraplaryň maksady bolup durýar.

Ylalarygyň mowzuy

Taraplar "NICOPA" taslamasyňyň netijelerini durmuşa geçirmek, ýaýratmak we ösdürmek, esasan hem talypary taýýarlamak, hünärmenleriň hünär derejesini ýokarlandyrmak we bilikdäki marketing, tehnologiýa, ylmy we beýleki işleri geçirmek üçin tagallalaryny birleşdirmek kararyna geldiler. Şu maksat bilen bu Ylalarygyň Taraplary aşakdaky hereketler barada ylalaşdylar.

1. Institut:

a) Hyzmatdaş taslama baradaky maglumatlary berýär, şol sanda:

- taslama çäreleriniň kalendary meýilnamasyny
- taslama boýunça işlenip düzülen tehniki we okuw materiallary;

b) bu Ylalyga laýyklykda ýerine ýetirilýän işler barada maglumatlary Institutyň web portalyny we taslamanyň web portalynynda <https://www.nicopa.eu> ýerleşdirýär;

c) Hyzmatdaşyň hünärmenlerini ylalaglan terip boýunça NICOPA taslamanyň meýilnamasyna laýyklykda institutda durmuşa geçirilýän we synag

Cooperation Agreement
"NICOPA University-Enterprise"

Cooperation Agreement
"NICOPA University – Enterprise"

"New and Innovative Courses for Precision Agriculture"

Parties to the Agreement

This is a cooperation Agreement among the consortium members of "NICOPA", hereinafter referred to as "University" on the one hand

Turkmen Agricultural Institute, Ruhnama str. 94, Dashoguz, Turkmenistan, 746300

and a non-academic organization

"Rysgally Atan daň" farm founder, M.Arazmetov str. 31, reg. Gergöly, 746390

Hereinafter referred to as "Partner", aiming at dissemination, implementation and development of the results of NICOPA, as well as creating opportunities for employment of students of University on the basis of the cooperation between University and Partner within the framework of this Agreement.

Subject of the Agreement

The PARTIES will to joint their efforts aiming implementation, dissemination and developing of the results of NICOPA, particularly in the field of improvement of training high-qualified specialists as well as in research activities. For this purpose, the PARTIES agree on the following activities:

1. University:

a) Will share with Partner information about the above project as the up-to-date timetable of Project activities and teaching/training aids developed during the Project

b) Will add information about implemented activities of this Agreement on the web portal of the University and the Project web portal <https://www.nicopa.eu>

c) Will invite specialists of Partner to participate in the expert quality assessment of modernized and new curricula, which are implemented in University according to the NICOPA project plan, during the

YLALASYK "NICOPA University-Enterprise"

№ 02-2020 / TM

Ylalaryk
"NICOPA uniwersiteti – Kärhana"

"Takyk ekeranchylyk üçin täze we innovasion okurlyk"

Ylalarygyň taraplary

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Türkmen oba hojalyk instituty, 746300, ş. Dashoguz, Ruhnama köçesiniň 94-nji jayy

we akademiki däl kärhana

"Dashoguzsuwhojalyk" öňimçilik birleşigi, 746300, Türkmenistan, Dashoguz welaýaty, Dashoguz şäheri, Atamyrat Nyazow köç. 15/1

mundan beýläk "Hyzmatdaş" diýip atlandyrylýan taraplaryň arasynda baglanyldy. Bu Ylalarygyň çäklerinde Institut bilen Hyzmatdaşyň hyzmatdaşlygy esasynda "NICOPA" taslamasyňyň netijelerini ýaýratmak, durmuşa geçirmek we ösdürmek hem-de "Institutyň" talypalaryny işe ýerleşdirmek mümkinçiliklerini ýokarlandyrmak taraplaryň maksady bolup durýar.

Ylalarygyň mowzuy

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1. Institut:

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"Rysgally Atan daň" farm founder

"Dashoguzsuwhojalyk" Production Association



Thank you for you attention!

Link to the project page on the institute website: <http://tohi.edu.tm/nicopa.phd>

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Department of Agricultural land reclamation

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E-mail: baba.kur@gmail.com



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of the European Union