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**«НОВЫЙ ОБЛИК  
НАУЧНО-ПЕДАГОГИЧЕСКОЙ  
ДЕЯТЕЛЬНОСТИ – ОТ  
ТЕОРИИ К ПРАКТИКЕ»**

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**ОБЪЕДИНЕНИЕ ЮРИДИЧЕСКИХ ЛИЦ В ФОРМЕ  
АССОЦИАЦИИ  
«ОБЩЕНАЦИОНАЛЬНОЕ ДВИЖЕНИЕ «БОБЕК»  
КОНГРЕСС УЧЕНЫХ КАЗАХСТАНА**



**«ПРОФЕССИОНАЛЬНЫЙ СТАНДАРТ  
ПЕДАГОГА: НОВЫЙ ОБЛИК УЧИТЕЛЯ  
ШКОЛЫ – ОТ ТЕОРИИ К ПРАКТИКЕ»**



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«ПРОФЕССИОНАЛЬНЫЙ СТАНДАРТ ПЕДАГОГА: НОВЫЙ ОБЛИК  
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**"PROFESSIONAL STANDARD OF A TEACHER: A NEW LOOK OF A SCHOOL  
TEACHER - FROM THEORY TO PRACTICE"** атты Халықаралық ғылыми-тәжірибелік  
конференция материалдары жинағына Қазақстан, Ресей, Қытай, Түркия, Белорус, Украина,  
Молдова, Қырғызстан, Өзбекстан, Тәжікстан, Түрікменстан, Грузия, Монғолия жоғары оқу  
орындары мен ғылыми мекемелердің қызметкерлері мен ұстаздары, магистранттары, студенттері  
және мектеп мұғалімдерінің баяндамалары енгізілді. Жинақтың материалдары жоғары оқу  
орнындары мен ғылыми мекемелердегі қызметкерлерге, оқытушыларға, мектеп және колледж  
мұғалімдеріне, магистранттар мен студенттерге арналған.

Международная научно-практическая конференция **«ПРОФЕССИОНАЛЬНЫЙ  
СТАНДАРТ ПЕДАГОГА: НОВЫЙ ОБЛИК УЧИТЕЛЯ ШКОЛЫ – ОТ ТЕОРИИ К  
ПРАКТИКЕ»**, включают доклады ученых, студентов, магистрантов и учителей школ из разных  
стран (Казахстан, Россия, Китай, Турция, Белорусь, Украина, Кыргызстан, Узбекистан,  
Таджикистан, Молдавия, Туркменистан, Грузия, Монголия). Материалы сборника будут  
интересны научным сотрудникам, преподавателям, учителям средних школ, колледжей,  
магистрантам, студентам учебных и научных учреждений.

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funktsiyalari to'g'ridan-to'g'ri SHga ulangan yoki masofadan turib joylashtirilgan grafik terminal yordamida amalga oshirilishi mumkin, ya'ni. ma'lumotlar uzatish tarmog'i. Tarmoqni boshqarish darajasi boshqaruv funktsiyalari bitta tarmoqni barcha manbalar bilan o'zaro bog'laydigan tarmoq elementlari guruhini qamrab olishini ta'minlaydi. Masalan, bo'limlari, yo'llari, kanallari, ishdan bo'shatish imkoniyatlari bo'lgan transport tarmog'i. Xizmatni boshqarish tekisligi foydalanuvchilarga telekommunikatsiya xizmatlarini ko'rsatishni qo'llab-quvvatlaydi, ya'ni E quyi darajalardan farqli o'laroq, bu aloqa xizmatlarini foydalanuvchilarga qaratilgan. Ushbu darajadagi hal qiluvchi omillar - bu xizmatlarning sifatini ta'minlash, foydalanuvchilarni yangi xizmatlar bilan jalb qilishdir. Ma'muriy boshqaruv darajasi aloqa tarmog'i operatori faoliyatini qo'llab-quvvatlashga mo'ljallangan. Ushbu darajada investitsiyalar, rivojlanish loyihalari, kadrlar masalasi, boshqa operatorlar, davlat organlari va boshqalar bilan o'zaro aloqalar muammolari hal qilinadi.

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**DIDACTIC COMPUTER ENVIRONMENT AIMED AT DEVELOPING THE PERSONAL  
FREEDOM OF GENERAL SECONDARY SCHOOL STUDENTS**

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***Annotation:** This article provides information on the didactic computer environment aimed at developing the personal freedom of general secondary school students.*

***Keywords:** school, student, personal, freedom, program, tool, technology, education, institution, didactics.*

In the global education system, special attention is paid to the development of teaching the subject "Informatics and Information Technology", the creation of teaching materials on science, the preparation of educational complexes, the formation of creative abilities in students and improving the effectiveness of training using information technology. At the heart of the radical reforms taking place in our country are the issues of upbringing and educating a perfect person. All the changes in the education system,



which are the basis of education, are aimed at imparting excellent knowledge to the younger generation and helping them to take their rightful place in the development of our republic.

Today, computer programs and databases are one of the most rapidly evolving objects of intellectual property. A developing society requires that there be intelligent young people who are able to make responsible decisions in a chosen situation, predict their possible consequences, be able to cooperate and have a free spirit.

In modern conditions, the educational process is required to focus on the development, socialization of the individual and the development of independent, critical, creative thinking skills. Most importantly, educators need to ensure that the lessons are not only informative but also developmental in nature.

The use of computer-assisted learning technologies in general secondary schools has been accompanied by a consistent solution to many problems. Important theoretical results that help to build an effective process of teaching school students in a didactic computer environment M. Korotkov, E.A. Loktyushina, A.V. Petrova, N.V. It can be observed in the research of Khodyakova et al.

The actual development of a set of software tools aimed at developing the personal freedom of general high school students, based on Internet technology, and as a key element of it can be used a specially designed web server of the educational institution.

Today, the growing urgency of the use of the Internet in education, the need to improve quality in the process of continuous informatization of all spheres of human activity, including education, is becoming a requirement of the times. Modern Internet technologies allow to create high-quality educational systems suitable for the creation of software complexes (DCE) of the didactic computer environment. Specific features of such DCE:

- their availability for all subjects;
- Ease of learning to work with DCE computers;
- Appearance, structure and systemic nature of the information provided;
- Simplicity of DCE database expansion, availability of convenient and convenient means of working with it;
- Availability of feedback;
- Motivational support for students' creative work.

Features of the didactic computer environment, built on the basis of Internet technologies, contain all the necessary components for a theoretical model aimed at ensuring the practical implementation of the generalized software complex, the development of personal freedom of general high school students.

It is necessary to implement training materials, computer dialogue systems and interpersonal communication in the software package of the didactic computer environment, which forms a specially designed web server of the educational institution. The principles of organization of educational and methodical materials of the educational web server should be based on the basic didactic principles of teaching. Teaching and methodological materials should conform to the principles of scientific character, regularity and consistency, accuracy, connection between concrete and abstract, existence, connection between learning and life, and so on.

Some researchers emphasize the principle of closure of the training web server, all the necessary and sufficient tools for conducting practical training should have in the section of the topic or thematic topics selected by the server [1]. However, in our view, for educational and methodological materials of the didactic computer environment aimed at developing the personal freedom of high school students, this requirement should be “covered” provided that it is reflected in the social environment experience. We are designing web server materials as the core of DCE. The structure and content of the training and methodological materials should create the necessary conditions for access to additional sources of information, means of supporting interpersonal communication, open Internet resources, search engines, and so on.

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**ЯЙЛОВЛАРДА ЧЎЛЛАНИШНИ ОЛДИНИ ОЛИШ ВА ЭКОЛОГИК БАРҚАРОРЛИКНИ ТАЪМИНЛАШ ЙЎЛЛАРИ**

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***Аннотация.** Мақолада яйловларда чўлланишни олдини олишда агрофитасенозларни аҳамиятига тўхталиб ўтилган ҳолда уларни ташкил этишидаги агротехник усуллари баён этилган. Агрофитоценозларни экологик барқарорлигини таъминлашдаги аҳамиятига тўхталиб ўтилган бўлиб яйловлар яшовчанлиги ҳосилдорлиги ва озуканинг туйимлилиқ даражаси ҳамда агрофитоценозни барпо этишида фойдаланиши мумкин бўлган бўта , ярим бўта ва кўп йиллик ўсимликлар тўғрисида маълумоти келтирилган.*

***Калит сўзлар.** Агрофитоценозлар, кўп йиллик ўтчил ўсимликлар, ярим бўта, бўта, ҳосилдорлик, яйловчанлик, туйимлилиқ даражаси, экологик барқарорлик, чўлланиш.*

Ер шарида чўл ва чала чўллар катта майдонни 31,4 млрд гектар ёки бутун қуруқлик юзасини 22% ташкил қилади (Петров 1973). Чўл ва чала чўллар асосан яйлов сифатида фойдаланиб келинган минтақа бўйлаб унинг ҳосилдорлиги жуда паст йиллар ва фасллар давомида иқлимий омилларга боғлиқ равишда ўзгаришчанлиги билан характерланади.

Чўл ва чала чўллар республикамизда 32 млн гектарни ташкил қилган ҳолда чорвачиликни озика базаси сифатида фойдаланиб келинмоқда. Республикамиз чўл яйлов экосистемаларини шаклланиши унга таъсир етувчи омилларни ўрганишда илмий татқиқотларнинг (Гаевеная 1971, Мухаммедов 1979, Шамсиддинов 1975, 1983, Рафиқов 1997) хизматлари каттадир.

Яйлов чорвачилиги ривожланган ҳудуд асосан чўл минтақаси бўлиб иқлимнинг қуруқлиги , йиллар давомида ноқулай келиши ҳамда техноген омилларни кўпайиб бориши кейинги 50 йил давомида яйлов ҳосилдорлигини кескин камайишига олиб келди.. Бунинг натижасида экологик мувозанатни издан чиқиши чўлланиш жараёнини кўчайиб боришига олиб келди.

Чўлланиш жараёни асосан табиий ва антропоген омиллар таъсирида содир бўлиб, яйловлар экосистемасини бузилиши билан характерланади.







# ДИПЛОМ

## I степени

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