



# Open Online Courses CAKN Academy

[edx.cakn.online](https://edx.cakn.online)





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**CAKN**  
ONLINE ACADEMY

POWERED BY  
**OPEN edX**



## Technical details [edx.cakn.online](https://edx.cakn.online)

[edx.cakn.online](https://edx.cakn.online) runs on Open edX. It is the same platform that powers [edX.org](https://edX.org). Open edX is used worldwide and enables anyone to deliver engaging online course content to their learners.

CPU	4
Memory	8192 MB
Harddisk	200 GB
Transfer Volume	5.00 TiB/m
Operating System	UBUNTU-18.04 ubuntu-certified-18.04 20180808 linux zvol 2018-10-11



[edx.cakn.online](https://edx.cakn.online) platform is very intuitive, it allows uploading very diverse multimedia resources to generate very attractive courses.

As an example, it was reported that a large Open edX platform can serve up to 500K unique users per week

[edx.cakn.online](https://edx.cakn.online) is mobile friendly too!



## In response to COVID 19: Online training program on development of online

In March 2021 the CA KN project team launched a 4-month online training program “on how to” develop online courses for high school trainers, university professors, academia fellows.

The training programs aims to empower and encourage them to create online courses on various disciplines related to Water Resource Management.

The initiative attracted 30 participants from all Central Asian counties.

During the series of weekly workshops participants became familiar with innovative tools for creating infographics, video visualizations, interactive diagrams, VR, gamification, as well as developed their own training techniques for e-learning.



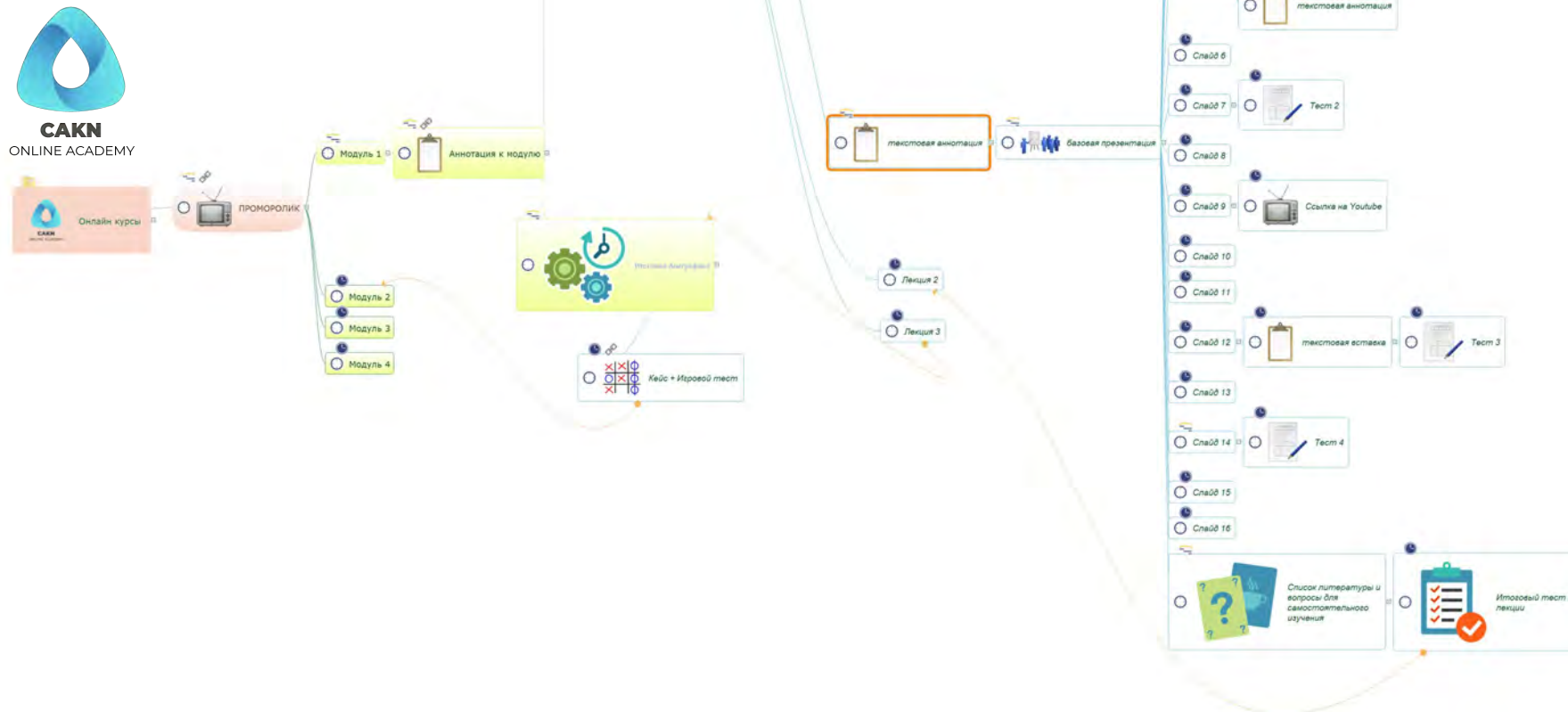
RUNS ON



POWERED BY



# Online Course Structure on [edx.cakn.online](http://edx.cakn.online)







## Ecotourism and Nature Based Tourism in Uzbekistan

UrDU

[Посмотреть курс](#)



### About This Course

Ecotourism is the emerging direction of tourism that can change the world. In this MOOC, we'll provide theoretical and practical aspects of ecotourism provided with case studies from Uzbekistan. By the end of this course, you will be able to: understand key concepts and principles of ecotourism; recognise and critically analyze a an ecotourism business; become an active ecotourism practitioner in Uzbekistan after learning Case Studies from Uzbek ecotourism destinations.

The MOOC is a free course hosted by the open learning platform. The MOOC materials can be properly used, cited and referenced"

### Requirements

English knowledge required, strong interest in tourism

### Course Staff



#### Olimjon Saidmamatov

Olimjon Saidmamatov is a researcher at the Faculty of Tourism & Economics of Urgench State University. Along with having a theoretical and scientific background in ecotourism, he practices ecotourism as local guide as well. He intends to integrate theoretical knowledge with practical experience in order to promote the tourism market of Uzbekistan, mainly in rural communities, such as Aral Sea region. The expected MOOC will diversify the traditional learning practices and the learners who can not attend

Номер курса	uz-ecotourism
Начало курса	Self-paced



# Главная страница Studio

+ Новый курс

+ Новая библиотека

## Создайте новый курс

Название курса \*

Например, «Введение в информатику».

Название курса, которое будет доступно пользователям. Это название нельзя будет изменить, однако позже вы сможете указать альтернативное отображаемое название в расширенных настройках.

Организация \*

например: university\_name или organization\_name

Название организации, финансирующей курс. **Примечание: название организации – это часть URL курса.** Это название нельзя будет изменить, однако позже вы сможете указать альтернативное отображаемое название в расширенных настройках.

Номер курса \*

например, CS101

Уникальный идентификационный номер курса, присвоенный ему вашей организацией. **Примечание: это часть URL вашего курса, здесь не разрешается использовать пробелы и специальные символы; её нельзя будет изменить позже.**

Запуск курса \*

### Впервые в edX CAKN - Studio?

Нажмите на кнопку «Помощь» в правом верхнем углу экрана, чтобы получить дополнительную информацию о текущей странице в Studio. Вы также можете использовать ссылки в нижней части страницы для просмотра нашей постоянно обновляемой документации и других ресурсов Studio.

[Как начать работу в edX CAKN - Studio](#)

# LaTeX example

(3.8)

$$W_i^{om\delta} = (W_{IX-XII}^{us\delta} - W_{i\text{ на ч } P}) a_i$$

with river runoff deficit for calculated periods from months II-VI:

(3.9)

$$W_i^{\delta e\phi} = Q_i - Q_i^L < 0$$

and values during months VII-XII equaling  $W_i^{\delta e\phi} = 0$

7. Cumulative river runoff deficit during months II-VI:

(3.10)

$$\sum W_{II-VI}^{\delta e\phi} = \sum W_{i \rightarrow II-VI}^{\delta e\phi}$$

8. Deficit share during calculated periods of months II-VI:

(3.11)

$$\beta_i = \frac{W_i^{\delta e\phi}}{\sum W_{II-VI}^{\delta e\phi}}$$

9. Discharge deficit coverage at the expense of reservoir stock and excess inflow during months II-VI with the account of evaporation losses:

(3.12)

$$W_i^{\beta} = \beta_i W_3^{\Pi}$$

10. Water horizons in the reservoir at months' beginning  $H^R_j$  were calculated based on the capacity curve plotted as per reservoir sedimentation model.

11. Reservoir water mirror at months' beginning:

(3.14)



# BI integration example

Previous

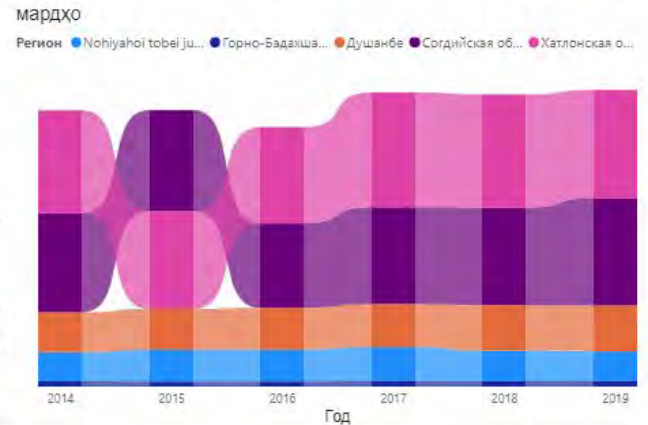
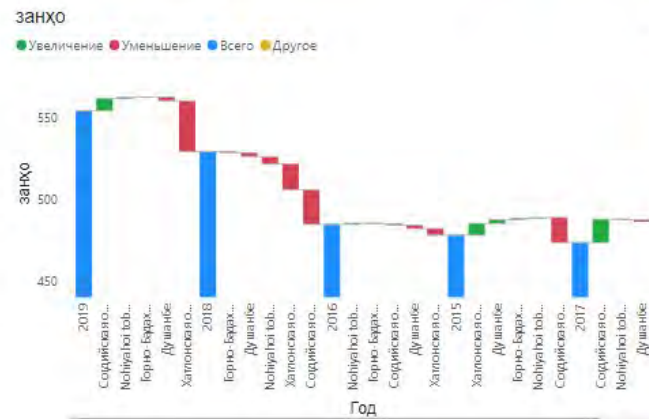
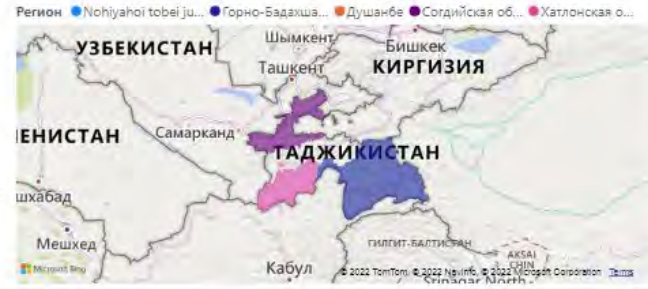
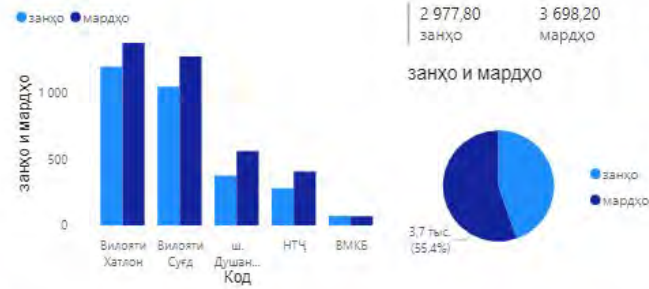


Next

## Map

Добавить страницу в мои закладки

ПРОСМОТР БЛОКА В STUDIO



Microsoft Power BI

75%





L<sup>A</sup>T<sub>E</sub>X



There are **many more** opportunities waiting for you!



## edX CAKN

Платформа для онлайн курсов в сфере управления водными ресурсами в Центральной Азии.

Поиск курсов



UrDU  
uz-ecotourism

Ecotourism and Nature Based Tourism in Uzbekistan

Начало: Self-paced



CAWEP  
II-3

Состояние орошаемого земледелия в Согдийской области и работа насосных станции Зафарabadского района

Начало: Self-paced



CAWEP  
II1-1

Инновационные и практические решения ускоренного восстановления продуктивности деградированных орошаемых земель

Начало: Self-paced



CAWEP  
II2

Ruslovoye Reservoir Sedimentation Management at the Tuyamuyun Hydro Complex on the Amu River and Sediment Control



CAWEP  
II2-1

Управление заилнением руслового водохранилища Туямуюнского гидроузла и борьба с наносами



CAWEP  
II2\_2

Depth Measurements to Estimate Silting in the Channel Reservoir of the Tuyamuyun Hydro Complex on the Amudarya River





Thank you!

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