



## JOINT SUMMER SCHOOL

**URBAN RESILIENCE AND ADAPTATION FOR INDIA-MONGOLIA - URGENT**  
curricula, capacity, ICT, and stakeholder collaboration to support GBI and nature-based solutions  
619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP

and

**EUROPEAN ORIENTATION FOR  
SUSTAINABLE ENVIRONMENTAL MANAGEMENT IN MONGOLIA - ONE**  
ERASMUS-JMO-2021-HEI-TCH-RSCH-101047501-ONE



## THE SETTLED NOMADISM-2022

**TRAINING MATERIALS AND PRESENTATIONS OF THE SUMMER  
SCHOOL FOR URBAN RESILIENCE, ADAPTATION, AND  
SUSTAINABLE ENVIRONMENTAL MANAGEMENT**

**National University of Mongolia  
2022**

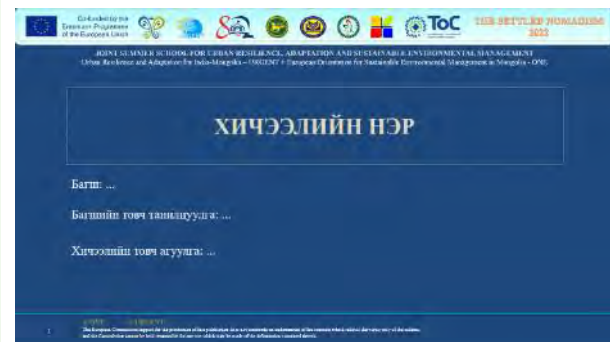
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## TRAINING MATERIALS

The study package for the summer school consisted of the following materials:

1. A horizontal stand for an announcement
2. Presentation templates in English and Mongolian
3. T-shirts for staff (blue) and students (green)
4. [Summer school program](#)
5. [Certificate](#)
6. [Facebook live-streamed videos](#)
7. [A video introduction](#)
8. [Lecture and seminar presentations](#)
9. [Students’ presentations](#)
10. [Feedback questionnaire](#)



A horizontal stand, presentation templates, and T-shirts

## SUMMER SCHOOL PROGRAM



### JOINT SUMMER SCHOOL

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curricula, capacity, ICT and stakeholder collaboration to support GBI and nature-based solutions  
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# THE SETTLED NOMADISM-2022

## SUMMER SCHOOL PROGRAM FOR URBAN RESILIENCE, ADAPTATION AND SUSTAINABLE ENVIRONMENTAL MANAGEMENT

**National University of Mongolia  
2022**

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*Summer school program for urban resilience, adaptation and sustainable environmental management*

## THE SETTLED NOMADISM-2022

### SUMMER SCHOOL PROGRAM FOR URBAN RESILIENCE, ADAPTATION AND SUSTAINABLE ENVIRONMENTAL MANAGEMENT

#### **Introduction:**

National University of Mongolia (NUM), a partner of the URGENT project and the coordinator of the ONE project, both funded by ERASMUS+ programme of the European Union, is delighted to announce the summer school program for urban resilience, adaptation and sustainable environmental management. A summer school is jointly organized by two projects, namely Urban resilience and adaptation for India and Mongolia - URGENT and European orientation for sustainable environmental management in Mongolia – ONE projects, in the Ulaanbaatar city, Mongolia between 15 and 28 July 2022.

The summer school will bring together scholars, professionals, stakeholders and students from the projects' partners to teach and discuss urban environment, resilience, climate adaptation, ecosystem service-disservice, European environmental innovation and management, including protected area management, its transferability and applicability in Mongolia.

Based on the selection result of the open-call announcement of the summer school, the selected students (undergraduate and graduate) will be invited to participate.

During the summer school, the participants will acquire the skills and knowledge about European Union environmental innovation (including management, policy, financial instruments) and understanding of the urban ecology-environment, green-blue infrastructure and nature-based solutions.

In addition to learning the best EU practices in environmental management and policy, this is extremely interesting and challenging experience in:

- ~ Taking part in everyday life of Mongolian life style,
- ~ Training your powers of observation, orientation, and working in field,
- ~ Reading a compass, keeping notes,
- ~ Hiking in a beautiful country,
- ~ Mastering photography (funny photos will be collected for last day event)
- ~ Networking with international friends,
- ~ Drawing maps, getting dirty, and having fun
- ~ Enjoying the beautiful scenery of sunrise, sunset and bright stars in the sky at night.
- ~ Enjoying and experiencing scientific field study.

Summer school will be organized in and out the city and participants will stay in ger, Mongolian traditional accommodation and tent in natural beautiful places. Upon successful completion of the summer school, the graduate students will get a certificate issued by the National University of Mongolia with 4 ECTS transferred.

**NO PRIOR EXPERIENCE IS NECESSARY FOR PARTICIPANTS.**

#### **The objective of the summer school:**

The objective of the summer school is to serve as a training and knowledge exchange opportunity for domestic teaching staff, who will, together with EU colleagues, develop a

*Summer school program for urban resilience, adaptation and sustainable environmental management*

detailed syllabus and teaching & learning contents, set-up case studies, jointly teach, and co-supervise student research groups. The expertise exchange will be in terms of EU and related topics, and also teaching and learning methods. Moreover, it is an also good way to disseminate the projects' information to broaden audience.

**URGENT project:**

The URGENT's aim is to promote green & blue infrastructure and nature-based solutions (GBI & NBS) for resilient, climate-friendly, and liveable cities in India and Mongolia through ICT-enhanced tertiary education linked to labour markets & wider stakeholder circles.

More information, please visit our project website: <https://urgent-project.net/>

**ONE project:**

ONE promotes EU values, enhances awareness of the EU and facilitates future engagement of citizen with the Union through a comprehensive educational package explaining EU governance, institutions, and policies. Importantly, exploring through its courses EU best practices in the field of environmental protection and natural resource management in Mongolian context.

More information, please visit our project website: <https://sites.google.com/view/one-project/>

**Announcement and admission requirement:**

The Summer school open-call announces through the project's and the partners' websites and social media of the projects' partners in May 2022, and registration finished by June 2022 via online platform <http://registration.num.edu.mn/Home/Programs>.

- ~ Under ONE project, 25 participants, both NUM students and professionals can enroll in the summer school.
- ~ Under URGENT project, both students and staffs of partner institutes can enroll in the summer school.
- ~ Also, the summer school is open for participants not belonging to one of the projects.

Participants should actively participate and be available for the whole duration of the summer school between 15 and 28 July 2022.

Applicants must be any nationality in good health. The applicants must prove an adequate level of English proficiency.

**Coordinator:** National University of Mongolia, Mongolia (NUM)

**Partners:** University of Bremen, Germany  
University of Catania, Italy  
Estonian University of Life Sciences, Estonia  
Martin Luther University, Germany  
Khovd University, Mongolia  
Mongolian University of Life Sciences, Mongolia  
Mongolian Sustainable Finance Association, Mongolia  
Urban Planning and Research Institute, Mongolia  
National Garden Park of Ulaanbaatar, Mongolia  
Erda RTE, Netherlands



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**The organizing committee:**

- ~ National University of Mongolia, Mongolia
- ~ University of Bremen, Germany
- ~ Estonian University of Life Sciences, Estonia

**Duration:** 14 days (15<sup>th</sup> July – 28<sup>th</sup> July, 2022)

**Registration deadline:** 10 June 2022

**Target group:** Enrolled students at different levels, graduates, lifelong learners

**Number of participants:** 25 people

**Fees:**

- ~ No fee requires for Mongolian participants of the ONE project. All costs, including travel insurance, out-city transportation, food and accommodation during out-city activity will be supplied by the ONE project.
- ~ No fee requires for participants of the URGENT project. All costs, including insurance, transportation, food, daily allowance, accommodation will be covered by travel and stay cost of the project.
- ~ Participants not belonging to one of the projects, need to pay their own fee, which costs 1000 USD excluding international travel cost.

Travel accessories and personal supplies during the school will be borne by the participant.

**Food:** No special food such as a vegan accepted. During the out-city activity, only Mongolian food (meat, rice, flour, vegetable) is available. In the city, different types of food are available.

**Insurance:**

Participants are fully responsible for own travel, health, safety issues and insurance.

**COVID-19:**

Vaccination certificate is not required to enter Mongolia, since 14<sup>th</sup> February 2022.

**Accommodation and work environment:**

In the city, foreign students will stay in student hostel of the National University of Mongolia. Mongolian students will stay in their home. In the field, students must be prepared to live and work in a field camp, sleep in tents, share camp chores and maintenance, and engage in strenuous outdoor activities such as hiking to field work. Professors and staffs will stay at a hotel that the organizing committee recommended, or they booked themselves.



Students’ dormitory and NUM library

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Summer school will be organized in and out the city. In the city, study activities will be organized in the library building of the NUM.

**Personal supplies:**

Students should be prepared for fieldwork and camping. Critical items include warmer sleeping bag, rain gear, hiking boots, grubby clothes, toiletries, hat, camera and others. Your field equipment kit should contain a watch, GPS, protractor, pencils and pens, and you should have your personal backpack, a portable water container, toilet paper, insect repellent, medicine for any case of emergency. A complete list of personal supplies is written in Page 14. **Only one backpack is acceptable for field work.**

**Summer school schedule:**

Time	Topic	Tutor
<b>14 July 2022 – Thursday: Arrival and accommodation</b>		
	Arrive Ulaanbaatar city and check-in hotel/dormitory	Own responsibility
<b>15 July 2022 – Friday: Day 1 – Ulaanbaatar city</b>		
09:00 – 09:30	Introduction to National University of Mongolia	NUM
09:30 – 10:00	Introduction about the summer school	Ochir Altansukh
10:00 – 10:30	Ice breaking – participants will introduce themselves	Participants
10:30 – 11:00	Coffee and tea	Anton Shkaruba
11:00 – 11:30	Introduction to URGENT and ONE projects	Ochir Altansukh
11:30 – 13:00	Global challenges and state of the Earth system, key concepts, and the emergence of the Sustainable Development Goals	Attila Katona with translation
13:00 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	University tour (research-study laboratories, library, university museum, main hall, university garden, sport hall and etc.)	N.Munkh
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	SDG card game	Attila Katona with translation
18:00 – 20:00	Welcome dinner (split teams)	All participants
<b>16 July 2022 – Saturday: Day 2 - Ulaanbaatar city</b>		
09:00 – 10:30	Lecture – Urban environment (general understanding) and urban megatrends	Ochir Altansukh Attila Katona
10:30 – 11:00	Coffee and tea	Davaasuren Davaadorj
11:00 – 12:30	Lecture – Urban environment (soil and noise pollution)	Bat-Erdene Ariunsanaa
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Laboratory – Noise pollution	Bat-Erdene Ariunsanaa
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Laboratory – Soil pollution	Davaasuren Davaadorj
<b>17 July 2022 – Sunday: Day 3 - Ulaanbaatar city</b>		
09:00 – 10:30	Lecture – Urban environment (water pollution)	Dorjsuren Batsuren
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Field study – Water pollution	Dorjsuren Batsuren Ochir Altansukh
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 18:00	Field study – Water pollution	
<b>18 July 2022 – Monday: Day 4 - Ulaanbaatar city</b>		
09:00 – 10:30	Lecture - Sustainability indicators	Anton Shkaruba with translation
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar - Sustainability indicators	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture - Ecosystem service and disservice	Anna Skryhan with translation
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar - Ecosystem service and disservice	



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19 July 2022 – Tuesday: Day 5 - Ulaanbaatar city		
09:00 – 10:30	Lecture – Urban green space planning	Mongolian University of Life Sciences
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar - Urban green space planning	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – Urban forest	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – Urban forest	
20 July 2022 – Wednesday: Day 6 - Ulaanbaatar city		
08:00 – 18:00	Hiking in the peri-urban forest – organize excursion to Bogd Khaan mountain, trek to the mountain Tsetsee Gun and see the city above	Mongolian University of Life Sciences
21 July 2022 – Thursday: Day 7 - Ulaanbaatar city		
09:00 – 10:30	Lecture – Sustainable and green urban planning, architecture in case of UB city	Urban planning and research institute
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Study excursion – UB planning	National garden park
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – Green and blue garden in the city	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Study excursion – Garden travel and coffee night	
22 July 2022 – Friday: Day 8 - Ulaanbaatar city		
09:00 – 10:30	Lecture - Accessibility to urban ecosystems services and functions in contemporary cities - A spatial perspective	Daniele La Rosa with translation
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar – topic is same	
12:30 – 14:00	Lunch – self-service (not provide)	Arjan de Groot (online) with translation
14:00 – 15:30	Lecture – A stepwise approach for integrating nature conservation efforts into development planning	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – topic is same	
23 July 2022 – Saturday: Day 9 - Ulaanbaatar city		
09:00 – 10:30	Lecture - Ecology, water and the city: strengthening water-sensitive planning with Nature-Based Solutions for contemporary cities	Daniele La Rosa with translation
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar - Planning criteria for sustainable urban drainage systems	
12:30 – 14:00	Lunch – self-service (not provide)	Department of Europa study
14:00 – 15:30	Lecture – EU sustainable development policies and environmental innovation	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – topic is same	
24 July 2022 – Sunday: Day 10 - Ulaanbaatar city		
09:00 – 10:30	Lecture – EU environmental innovation, its application in Mongolia	Mongolian Sustainable Finance Association
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Lecture – Green finances and green bond standards	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 18:00	Study excursion – Plastic centre	
25 July 2022 – Monday: Day 11 – Gorkhi-Terelj national park		
08:00 – 10:30	Travel to Gorkhi-Terelj national park	National University of Mongolia Namsrai Oyunchimeg Bat-Erdene Ariunsanaa
11:00 – 12:30	Lecture – Introduction to Gorkhi-Terelj national park	
12:30 – 14:00	Lunch (will provide)	
14:00 – 15:30	Lecture - Special protected area management, EU tools in Mongolia	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Team work on SPA management issue	
26 July 2022 – Tuesday: Day 12 – Gorkhi-Terelj national park		
09:00 – 18:00	Hiking	Namsrai Oyunchimeg



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27 July 2022 – Wednesday: Day 13 – Back to Ulaanbaatar city and team work		
09:00 – 12:30	Travel back to Ulaanbaatar city	Participants
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Team work – discussion, wrap-up, prepare presentation	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Team work – discussion, wrap-up, prepare presentation	
28 July 2022 – Thursday: Day 14 – Team work		
09:00 – 10:00	Measuring progress: Indicators for sustainable development	Attila Katona with translation
10:00 – 10:30	Presentation	Each team
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Presentation	Each team
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Closing remarks, certificate, students’ impression	Anton Shkaruba Ochir Altansukh
15:30 – 16:00	Coffee and tea	
16:00 – 18:00	Free time: Each team write own impression about the summer school with fun photo and send.	
18:00 – 20:00	Farewell dinner	
29 July 2022 – Friday: Day 15 – Departure		

**Organizing committee and contact:**

National University of Mongolia, Mongolia		
Namsrai Oyunchimeg	<a href="mailto:oyunchimeg@seas.num.edu.mn">oyunchimeg@seas.num.edu.mn</a>	88000749
Namsrai Munkh	<a href="mailto:munkh.n@num.edu.mn">munkh.n@num.edu.mn</a>	91011511
Bat-Erdene Ariunsanaa	<a href="mailto:ariunsanaa@seas.num.edu.mn">ariunsanaa@seas.num.edu.mn</a>	86016185
Mongolian Sustainable Finance Association, Mongolia		
Davaa-Ochir Altanzul	<a href="mailto:altanzul@toc.mn">altanzul@toc.mn</a>	99227640
Estonian University of Life Sciences, Estonia		
Anton Shkaruba	<a href="mailto:anton.shkaruba@emu.cc">anton.shkaruba@emu.cc</a>	
University of Bremen, Germany		
Igor Novopashenny	<a href="mailto:novopashenny@zmmi.uni-bremen.de">novopashenny@zmmi.uni-bremen.de</a>	
Mongolian University of Life Sciences, Mongolia		
Dalai Banzragch	<a href="mailto:banzragch@mul.edu.mn">banzragch@mul.edu.mn</a>	88902901
Urban Planning and Research Institute, Mongolia		
B.Gunjidmaa	<a href="mailto:info@park.ub.gov.mn">info@park.ub.gov.mn</a>	99056160
National Garden Park of Ulaanbaatar, Mongolia		
J.Oyunkhand	<a href="mailto:info@upri.ub.gov.mn">info@upri.ub.gov.mn</a>	96608860
Khovd State University, Mongolia		
B.Bayarhuu	<a href="mailto:bayarhuub@yahoo.com">bayarhuub@yahoo.com</a>	99438200

**Registration:**

The Summer school open-call announces through websites and social medias of the projects’ partners in May 2022, and registration finished by 10 June 2022 via online platform <http://registration.num.edu.mn/Home/Programs>.



Early applications will be given priority “First come first serve”.

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**Selection procedure:**

The registered participants will be selected by the organizing committee on the basis of the received documents and interview (their merits, educational, research background and other criteria) with candidates, if necessary. The interview will take place on 5-10<sup>th</sup> June 2022 by online form. The Commission will evaluate each candidate by 1-10 points. The selected participants will be informed of their acceptance by 15<sup>th</sup> June 2022.

**Selection criteria:**

- ~ Submitted document      0-3 score
- ~ Motivation                    0-3 score
- ~ Study program                0-1 score
- ~ English skill                   0-3 score

**Certificate:**

Upon successful completion of the summer school, the graduate students will get a certificate issued by the National University of Mongolia with 4 ECTS transferred.

**Important dates:**

- ~ 1<sup>st</sup> May 2022                    Open-call announcement
- ~ until 10<sup>th</sup> June 2022        Online registration
- ~ 5-10<sup>th</sup> June 2022            Interview, if necessary
- ~ By 15<sup>th</sup> June 2022            Selection and information

**Broader audience:**      Web streaming of selected lectures from the summer school

**Visa:**

When required, participants should obtain Mongolian visa. The visa should be valid for the period of the summer school. Please make an enquiry from Mongolian Embassy in your home country in respect to Mongolian visa requirement.

For further information on visa, please visit

<https://immigration.gov.mn/en/visa-total/>

<https://consul.mn/>

**Train station, airport pick up and see off:**

At Ulaanbaatar train station and Chinggis Khaan international airport, transportation to your accommodation can be arranged. For this service, the pick-up and the see-off service form must be filled and sent to [oyunchimeg@seas.num.edu.mn](mailto:oyunchimeg@seas.num.edu.mn) at least 7 days before your arrival and departure. Late applications will NOT be accepted!

**Contact information**

National University of Mongolia

Tel: 976-88000749, 976-91993096

E-mail: [oyunchimeg@seas.num.edu.mn](mailto:oyunchimeg@seas.num.edu.mn)

Web: [www.num.edu.mn](http://www.num.edu.mn)



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



## JOINT SUMMER SCHOOL

### THE SETTLED NOMADISM-2022

SUMMER SCHOOL PROGRAM FOR URBAN RESILIENCE, ADAPTATION AND  
SUSTAINABLE ENVIRONMENTAL MANAGEMENT

#### APPLICATION FORM FOR SUMMER SCHOOL PROGRAM

1. **Participation type\*** Student/Staff-Lecturer
2. **Personal information**  
Family name: \* \_\_\_\_\_  
Given name: \* \_\_\_\_\_  
Date of birth (Y/M/D): \* \_\_\_\_\_  
Gender: \* male/female/Prefer not to say  
Citizenship country: \* \_\_\_\_\_  
Birth place: \_\_\_\_\_  
ID number: \* foreign participant (passport number) \_\_\_\_\_  
Mongolian participant (registration number) \_\_\_\_\_
3. **Contact information**  
House/Apartment №: \_\_\_\_\_  
Street: \_\_\_\_\_  
District: \_\_\_\_\_  
City: \* \_\_\_\_\_  
Country/Region: \* \_\_\_\_\_  
Phone: \* country code \_\_\_\_\_ phone number \_\_\_\_\_  
E-mail: \* \_\_\_\_\_  
Facebook address: \_\_\_\_\_  
Viber address: \_\_\_\_\_
4. **Affiliation information (only for staff-lecturer)** *Students may leave this section. Fill "-"*  
Organization name: \* \_\_\_\_\_  
Position: \* \_\_\_\_\_
5. **Student information (only for student and lifelong learner)** *Staff may leave this section. Fill "-"*  
University/Organization name: \* \_\_\_\_\_  
Studying program/Position: \* \_\_\_\_\_  
Level of study: \* *(Lifelong learners and Staff-lecturer choose "Other" and fill "-")*  
Bachelor/Master/Doctoral/Others



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**6. Education information**

Institution name: \* \_\_\_\_\_

Degree (highest): \* \_\_\_\_\_

Year (enrol - graduate): \* enrol \_\_\_\_\_ graduate \_\_\_\_\_

Profession: \* \_\_\_\_\_

**7. Language proficiency**

Native language: \* \_\_\_\_\_

English language proficiency: \* Beginner/Intermediate/Advanced

Official English score (if available, certificate must attach to the Form 2):\* \_\_\_\_\_

**8. Finance**

Type of fund: \* URGENT project/ONE project/Self-funding (you will receive the invoice)

**9. Place of stay**

I would like to stay in\* Dormitory/Hotel-University recommended/I book myself/I am living in UB

**10. Experience in Mongolia\*** First time/I came to Mongolia, before/ Mongolian resident

**11. Visa\*** Yes, I need visa/No, I do not need

(Please, check the following link for visa information)

<https://immigration.gov.mn/en/visa-total/>

<https://consul.mn/>

**12. Emergency contact**

Name: \* \_\_\_\_\_

Relationship: \* \_\_\_\_\_

Address: \* \_\_\_\_\_

Phone: \* country code \_\_\_\_\_ phone number \_\_\_\_\_

E-mail: \* \_\_\_\_\_

**13. Contact in Mongolia (only for foreign participants)**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: country code \_\_\_\_\_ phone number \_\_\_\_\_

E-mail: \_\_\_\_\_

**14. Why do you want to participate in this summer school? \*** (Please write short motivational letter)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**15.** Some days of the summer school will take place in the field, so you will be well-prepared to work and study in the field /on-site/. \*

Yes, I am ready to go to countryside/No, I am not ready

**16. Declaration**

I declare that the information provided in this application is correct and true. Also, if I attend the summer school program, I will abide by the conditions set out in the organizer.

Date of application: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

Signature (write your name): \_\_\_\_\_

**The following documents must attach:**

- ~ Photograph\* (3x4 portrait, most recent)
- ~ Passport copy for foreigners OR country citizenship card copy for Mongolians (page with photo, valid for 6 months at least for passport) \*
- ~ Student or Employment card/statement\*
- ~ English language certificate (if available) or prove your English language skills during the interview – only for non-English speakers

If there is any question about your application form, please do not hesitate to contact.

Associate professor Namsrai Oyunchimeg  
[oyunchimeg@seas.num.edu.mn](mailto:oyunchimeg@seas.num.edu.mn)

National University of Mongolia  
+976-88000749



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## PERSONAL ITEM LIST

Person, who will join the summer school program, needs to prepare the following personal items. Herein:

### For working practices:

1. Note book
2. Pen, pencil
3. GPS (app on cell phone or handheld instrument)
4. Camera
5. Flashlight
6. Battery
7. Backpack

### For personal supplies:

- ~ Warm clothes
- ~ Jacket
- ~ Travel shoes and clothes
- ~ Personal or sharing tent
- ~ Warm sleeping bag
- ~ Rain gear
- ~ Toiletries
- ~ Portable water container
- ~ Toilet paper
- ~ Watch
- ~ Insect repellent
- ~ Medicine for any case of emergency
- ~ Toothpaste
- ~ Soap
- ~ Shampoo
- ~ Cup, spoon
- ~ Knife
- ~ Others, you need

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### AIRPORT AND TRAIN STATION PICK-UP AND SEE-OFF SERVICE FORM

Family name: \_\_\_\_\_

Given name: \_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Select: Chinggis Khaan International Airport  
Ulaanbaatar Train Station

**Arrival information:**

1. Arrival time: \_\_\_\_\_

2. Arrival date: \_\_\_\_\_

3. Flight or Train number: \_\_\_\_\_

**Departure information:**

1. Departure time: \_\_\_\_\_

2. Departure date: \_\_\_\_\_

3. Flight or Train number: \_\_\_\_\_

**Note:** If you need the pick-up and the see-off service, this form must be filled and sent to [oyunchimeg@seus.num.edu.mn](mailto:oyunchimeg@seus.num.edu.mn) at least 7 days before your arrival and departure. Late applications will NOT be accepted!

Please, attach your travel tickets.



Summer school program for urban resilience, adaptation and sustainable environmental management

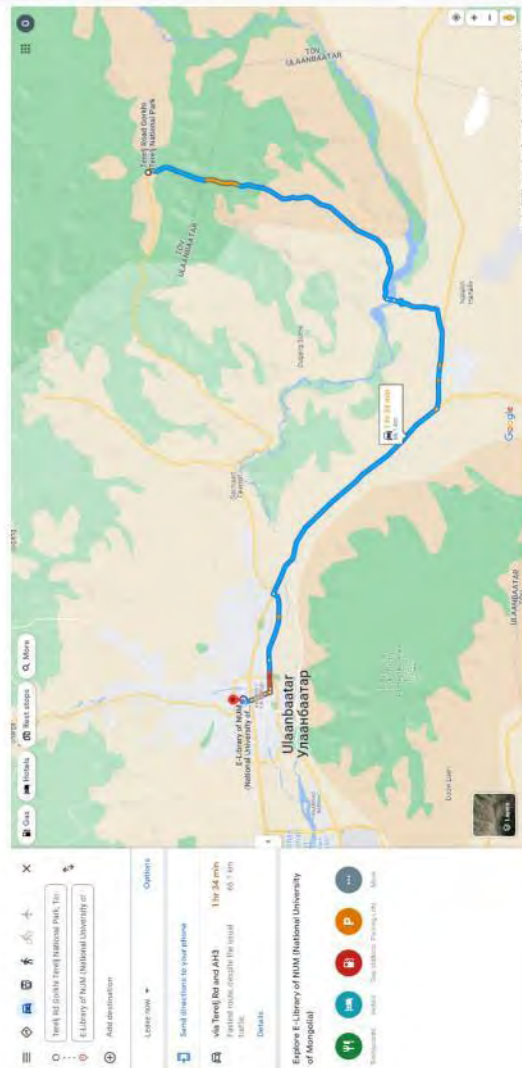
### Walking route between student’s dormitory and the NUM library



Summer school program for urban resilience, adaptation and sustainable environmental management

### Travel between the university and Gorkhi-Terelj national park

≈ 3 hours, distance 80 km



Summer school program for urban resilience, adaptation and sustainable environmental management

**The hotel:**

Participants can book hotel by themselves. However, we recommend UB Grant hotel, where just next to the university. Participant can directly book a room via webpage. If participant book a room through the university, then 20% discount will get.

<https://ub-grand.com/>





**CERTIFICATE (front and back sides)**



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



**CERTIFICATE**

№ 2022/.....  
hereby confirms that

\_\_\_\_\_

Surname Given name

born on .....

has successfully completed and met all the requirements of

**THE SETTLED NOMADISM-2022  
SUMMER SCHOOL PROGRAM FOR URBAN  
RESILIENCE, ADAPTATION AND SUSTAINABLE  
ENVIRONMENTAL MANAGEMENT**

provided in the period from July 15 to 28, 2022  
at the National University of Mongolia  
(Ukh Surenulijn gundami -1, 14201 Ulaanbaatar, Mongolia)  
and gained  
**4 ECTS**

\_\_\_\_\_

**Bayaniargal OCHIRKHUYAG**  
President, National University of Mongolia

\_\_\_\_\_

**Ochir ALTANSUKH**  
Coordinator of the project

**Ulaanbaatar, July 28<sup>th</sup> 2022**

This summer school was jointly organised by ERASMUS+ Urban Resilience and Adaptation for India-Mongolia – URGENT (619030-EPP-1-2020-1-DE-EPPKAZ-CBHE-IP) project and European Orientation for Sustainable Environmental Management in Mongolia – ONE (ERASMUS-JMO-2021-HE1-YCH-RSCH-101047501-ONE) project.



### Topics taught in the summer school:

- ~ Global challenges and state of the Earth system, key concepts, and the emergence of the Sustainable Development Goals
- ~ Urban environment (general understanding) and urban megatrends
- ~ Urban environment (soil, water and noise pollution)
- ~ Ecosystem service and disservice
- ~ Urban green space planning
- ~ Urban forestry
- ~ Sustainable and green urban planning, architecture in case of UB city
- ~ Green and blue garden in the city
- ~ Accessibility to urban ecosystems services and functions in contemporary cities - A spatial perspective
- ~ A stepwise approach for integrating nature conservation efforts into development planning
- ~ Ecology, water and the city: strengthening water-sensitive planning with nature-based solutions for contemporary cities
- ~ Planning criteria for sustainable urban drainage systems
- ~ European Union sustainable development policies and environmental innovation
- ~ European Union environmental innovation, its application in Mongolia
- ~ Green finances and green bond standards
- ~ Special protected area management, European Union tools in Mongolia
- ~ Measuring progress: Indicators for sustainable development

## FACEBOOK LIVE-STREAMED VIDEOS

In total, the summer school was live-streamed 10 times and viewed by 3055 audiences.

No	Lecture topic	Date	Tutor	Shares	Likes	Views
1	Sustainable development goals	15.07.2022	Attila Katona	3	37	650
	<a href="https://www.facebook.com/100001388230738/videos/740666793816812/">https://www.facebook.com/100001388230738/videos/740666793816812/</a> <a href="https://www.facebook.com/100001388230738/videos/525365062677641/">https://www.facebook.com/100001388230738/videos/525365062677641/</a> <a href="https://www.facebook.com/100001388230738/videos/533238208530969/">https://www.facebook.com/100001388230738/videos/533238208530969/</a>					
2	Urban environment and urban megatrends	16.07.2022		6	20	454
	<a href="https://www.facebook.com/100001388230738/videos/385602606896724/">https://www.facebook.com/100001388230738/videos/385602606896724/</a>					
3	Urban environment (soil and noise pollution)	16.07.2022	Bat-Erdene Ariunsanaa	4	32	284
	<a href="https://www.facebook.com/100001388230738/videos/735883394386208/">https://www.facebook.com/100001388230738/videos/735883394386208/</a>					
4	Urban environment (water pollution)	17.07.2022	Dorjsuren Batsuren	5	36	349
	<a href="https://www.facebook.com/100001388230738/videos/3272451336356622/">https://www.facebook.com/100001388230738/videos/3272451336356622/</a>					
5	Sustainability indicators	18.07.2022	Anton Shkaruba	3	16	325
	<a href="https://www.facebook.com/100001388230738/videos/337796878562461/">https://www.facebook.com/100001388230738/videos/337796878562461/</a>					
6	Ecosystem service and a disservice	18.07.2022	Anna Skryhan	6	14	268
	<a href="https://www.facebook.com/100001388230738/videos/777295110409486/">https://www.facebook.com/100001388230738/videos/777295110409486/</a>					
7	Accessibility to urban ecosystems services and functions	22.07.2022	Daniele La Rosa	3	12	211
	<a href="https://www.facebook.com/100001388230738/videos/1416439042200478/">https://www.facebook.com/100001388230738/videos/1416439042200478/</a>					
8	Ecology, water, and the city	23.07.2022		2	11	188
	<a href="https://www.facebook.com/100001388230738/videos/3249395198673432/">https://www.facebook.com/100001388230738/videos/3249395198673432/</a>					
9	Travel to Gorkhi-Terelj national park	25.07.2022	Anton Shkaruba	1	11	145
	<a href="https://www.facebook.com/669761084/videos/755057649144198/">https://www.facebook.com/669761084/videos/755057649144198/</a>					
10	Indicators for sustainable development	28.07.2022	Attila Katona	3	3	181
	<a href="https://www.facebook.com/100001388230738/videos/1004319560235247/">https://www.facebook.com/100001388230738/videos/1004319560235247/</a>					
<b>Total</b>		<b>10 times</b>	<b>6 tutors</b>	<b>36</b>	<b>192</b>	<b>3055</b>

## A VIDEO INTRODUCTION

At the end of the summer school, 14:38 minutes long a video introduction about summer school was developed, and it was uploaded to YouTube and shared for the project dissemination.

<https://youtu.be/8mXKGW0rCus>



"URBAN RESILIENCE, ADAPTATION AND  
SUSTAINABLE ENVIRONMENTAL MANAGEMENT"  
summer school 2022

Ulaanbaatar, Mongolia

2022.07.15-28



The settled nomadism 2022 - Video introduction



## PRESENTATIONS

During the summer school, 25 lectures and laboratory guidelines were given by 16 teaching staff using presentations with 725 slides.

№	15 July 2022 – Friday: Day 1 – Ulaanbaatar city	Lecturers
1.	<a href="#">Introduction about the summer school</a>	Ochir Altansukh
2.	<a href="#">Introduction to URGENT and ONE projects</a>	Ochir Altansukh
3.	<a href="#">Lecture - Global challenges and state of the Earth system</a>	Attila Katona
4.	<a href="#">Seminar - SDG card game</a>	Attila Katona
16 July 2022 – Saturday: Day 2 - Ulaanbaatar city		
5.	<a href="#">Lecture – Urban environment (general understanding) and urban megatrends</a>	Ochir Altansukh
6.	<a href="#">Lecture – Urban megatrends and future cities</a>	Attila Katona
7.	<a href="#">Lecture – Urban environment (soil and noise pollution)</a>	Davaasuren Davaadorj
8.	<a href="#">Laboratory – Noise pollution</a>	Bat-Erdene Ariunsanaa
9.	<a href="#">Laboratory – Soil pollution</a>	Davaasuren Davaadorj
17 July 2022 – Sunday: Day 3 - Ulaanbaatar city		
10.	<a href="#">Lecture – Urban environment (water pollution)</a>	Dorjsuren Batsuren
11.	<a href="#">Field study – Water pollution</a>	Ochir Altansukh
18 July 2022 – Monday: Day 4 - Ulaanbaatar city		
12.	<a href="#">Lecture - Sustainability indicators</a>	Anton Shkaruba
13.	<a href="#">Lecture - Ecosystem service and disservice</a>	Anna Skryhan
19 July 2022 – Tuesday: Day 5 - Ulaanbaatar city		
14.	<a href="#">Lecture – Urban green space planning</a>	S.Odongerel
15.	<a href="#">Lecture – Urban forest</a>	O.Burenjargal
21 July 2022 – Thursday: Day 7 - Ulaanbaatar city		
16.	<a href="#">Lecture – Sustainable and green urban planning, architecture in case of UB city</a>	D.Khulan
17.	<a href="#">Lecture – Green and blue garden in the city</a>	N.Bolor-Erdene
22 July 2022 – Friday: Day 8 - Ulaanbaatar city		
18.	<a href="#">Lecture - Accessibility to urban ecosystems services and functions in contemporary cities - A spatial perspective</a>	Daniele La Rosa
19.	<a href="#">Lecture – A stepwise approach for integrating nature conservation efforts into development planning</a>	Arjan de Groot
23 July 2022 – Saturday: Day 9 - Ulaanbaatar city		
20.	<a href="#">Lecture - Ecology, water, and the city: strengthening water-sensitive planning with Nature-Based Solutions for contemporary cities</a>	Daniele La Rosa
21.	<a href="#">Lecture – EU sustainable development policies and environmental innovation</a>	N.Munkh
24 July 2022 – Sunday: Day 10 - Ulaanbaatar city		
22.	<a href="#">Lecture – EU environmental innovation, its application in Mongolia, Green finances and green bond standards</a>	D.Enkhlin
25 July 2022 – Monday: Day 11 – Gorkhi-Terelj national park		
23.	<a href="#">Lecture – Introduction to Gorkhi-Terelj national park</a>	Namsrai Oyunchimeg
24.	<a href="#">Lecture - Special protected area management, EU tools in Mongolia</a>	
28 July 2022 – Thursday: Day 14 – Teamwork		
25.	<a href="#">Lecture - Measuring progress: Indicators for sustainable development</a>	Attila Katona

## STUDENTS PRESENTATIONS

The participants were divided into 5 study groups for laboratory and seminar work. At the end of the summer school, all 5 study groups were introduced to their presentations and explained what they get to know and how to apply their knowledge into practice. [See the presentations.](#)

## FEEDBACK QUESTIONNAIRE

First of all, I would like to thank all of you who participated in this training. By answering the following questions correctly, you will make a valuable contribution to our work. This summer school was organized for a total of 14 days from July 15 to 28, 2022. Questionnaires are used to evaluate the organization of the course, teaching, clarity of topics, new knowledge and information dissemination, quality of training, and results.

### **I. Content of training**

1. How much did you know about the topics taught in the course?
  - ~ Good
  - ~ Medium
  - ~ Less
2. Did you get the knowledge and skills you expected from the training?
  - ~ More than expected
  - ~ Equivalent to expected
  - ~ Lower than expected
  - ~ No
3. What was the most useful knowledge you gained from this course?  
.....  
.....
4. What new knowledge and technology have been acquired by the European Union regarding green-blue structures in the environment and urban planning?  
.....  
.....
5. Which of the knowledge, skills, and technologies based on green solutions acquired during the summer training and how do you think it can be applied in life?

### **II. Teacher knowledge and skills**

6. Name the 3 subjects of the course that you think are taught the most understandably?
  - 1) .....
  - 2) .....
  - 3) .....
7. Which of the taught topics was the most difficult to understand, confusing, and conflicting with previous knowledge?
  - ~ Most difficult: .....
  - ~ The most confusing: .....
  - ~ Conflict with previous knowledge: .....

### **III. Training organization**

8. Was the classroom suitable for the training?
  - ~ Yes
  - ~ No
9. How do you evaluate the organization of field training?
  - ~ Good
  - ~ Moderate
  - ~ It was bad
10. How do you evaluate the general organization of training?
  - ~ Excellent or 90-100%
  - ~ Good 80-90%
  - ~ Medium 70-80%
  - ~ Poor 60-70
  - ~ Poor 50-60%
  - ~ Very Poor Less than 50%

*Thank you for participating in the survey.*

## Introduction about the summer school

ЗУНЫ СУРГАЛТЫН ТУХАЙ

Батал: профессор О.Алтануяа

Бэлтгэлийн төвөг танилцуулгач: Монгол Улсын Их Сургууль

- ONE төслийн хөтөлбөрч
- URGENT төслийн үндэсний зохицуулагч

Хяргачлалын төвөг танилцуулгач:

- Зуны сургалтын тухай илэрхийлэлсэн мэдээлэл

1	• The settled nomadism
2	• Удиртгал
3	• Бүртгэл ба шалгаруулалт
4	• Хөтөлбөр
5	• Төлбөр
6	• Гурвалзга

Түүх:

- 2017 – Ягуулагч сургууль – 10 хонор – Монгол, Хятад – Хөдөө орон нутаг
- 2018 – Бүтээн авч сургууль – 10 хонор – БНХАУ
- 2019 – Ягуулагч сургууль – 10 хонор – Монгол, Хятад – Хөдөө орон нутаг
- 2021 – Ягуулагч сургууль – 10 хонор – Монгол – Хөдөө орон нутаг
- 2022 – Ягуулагч сургууль – 14 хонор – Монгол, Герман, Беларусь, Орос, Франц, Унгар

JOINT SUMMER SCHOOL

URBAN RESILIENCE AND ADAPTATION FOR INDIA-MONGOLIA – URGENT

curriculum, capacity-ICT and stakeholder collaboration to support GHG and nature-based solution

619850-EPP-1-2020-1-DE-EPPKA2-4-BHE-3P

and

EUROPEAN ORIENTATION FOR SUSTAINABLE ENVIRONMENTAL MANAGEMENT IN MONGOLIA - ONE

ERASMUS-JMO-2021-BE1-TCT-RSCH-101047501-ONE

THE SETTLED NOMADISM-2022

SUMMER SCHOOL PROGRAM FOR URBAN RESILIENCE, ADAPTATION AND SUSTAINABLE ENVIRONMENTAL MANAGEMENT

Introduction:

National University of Mongolia (NUM), a partner of the URGENT project and the coordinator of the ONE project, both funded by ERASMUS+ programme of the European Union, is delighted to announce the summer school program for urban resilience, adaptation and sustainable environmental management. A summer school is jointly organized by two projects, namely Urban resilience and adaptation for India and Mongolia – URGENT and European orientation for sustainable environmental management in Mongolia – ONE projects, in the Ulaanbaatar city, Mongolia between 15 and 29 July 2022.

The summer school will bring together scholars, professionals, stakeholders and students from the projects' partners to teach and discuss urban environment, resilience, climate adaptation, ecosystem service-diservice, European environmental innovation and management, including protected area management, its transferability and applicability in Mongolia.

The objective of the summer school:

The objective of the summer school is to serve as a training and knowledge exchange opportunity for domestic teaching staff, who will, together with EU colleagues, develop a detailed syllabus and teaching & learning contents, set-up case studies, jointly teach, and co-supervise student research groups. The expertise exchange will be in terms of EU and related topics, and also teaching and learning methods. Moreover, it is an also good way to disseminate the projects' information to broaden audience.

Duration: 14 days (15<sup>th</sup> July – 28<sup>th</sup> July, 2022)

Registration deadline: 10 June 2022

Target group: Enrolled students at different levels, graduates, visiting learners

Number of participants: 25 people

Coordinator: National University of Mongolia, Mongolia (NUM)

Partners:

- University of Bremen, Germany
- University of Catania, Italy
- Estonian University of Life Sciences, Estonia
- Martin Luther University, Germany
- Khoyud University, Mongolia
- Mongolian University of Life Sciences, Mongolia
- Mongolian Sustainable Finance Association, Mongolia
- Urban Planning and Research Institute, Mongolia
- National Garden Park of Ulaanbaatar, Mongolia
- Erda RTE, Netherlands

Зар түүхээр:

- URGENT төслийн цахим хуудасны Event – <https://urgent-project.net/en/np/popup.php?e=225>
- ONE төслийн цахим хуудасны Event дотор S – <https://sites.google.com/view/one-project/event/ann>
- МУИС-ийн цахим хуудасны Мэдээ хэргийг Зу – <https://news.num.edu.mn/?p=88994>
- ТВ Эмэлтэй клуб – <https://www.facebook.com/groups/ekologyclub>
- ТоС байгууллагын цахим хуудасны Мэдээ – <https://www.facebook.com/toc.mn/>
- Европ судлалын хөтөлбөрийн банк, мэд, дээ о – [https://mills.edu.mn/view\\_news.php?value\\_id=ZW](https://mills.edu.mn/view_news.php?value_id=ZW)
- ХТХН байгууллагын цахим хуудасны Мэдээ
- УИХ байгууллагын цахим хуудасны Мэдээ

Registration:

The Summer school open-call announces through website and social media of the projects' partners in May 2022, and registration finished by 10 June 2022 via online platform. URL: <https://urgent-project.net/en/np/popup.php?e=225>

Early applications will be given priority "First come first serve".

Selection procedure:

The registered participants will be selected by the organizing committee on the basis of the received documents and interviews (their merits, educational, research background and other criteria) with conditions, if necessary. The interview will take place on 5-10<sup>th</sup> June 2022 by online form. The Commission will evaluate each candidate by 1-10 points. The selected participants will be informed of their acceptance by 13<sup>th</sup> June 2022.



**Төөн үзүүлэлт:**

- Бүртгүүлсэн хүний тоо: 54
- Сургалтад хамрагдсан хүний тоо: 33
  - Бакалавр 17
  - Магистрант 4
  - Магистр 7
  - Докторант 4
  - Доктор 1
- Багш, дохлон байгууллагч: 19
  - Доктор 12
  - Магистр 5
  - Бакалавр 2

Color	Partner Organization	Number of participants	Staff member
Blue	National Garden Park of Ulaanbaatar	1	2
Green	Urban Planning and Research Institute	4	1
Yellow	Mongolian University of Life Sciences	2	2
Purple	Mongolian Sustainable Future Association	2	2
Red	Shree Gole University	2	1
Orange	Mongolian University of Ulaanbaatar	2	1
Light Blue	Finnish University	2	1

**Summer school schedule:**

Time	Topic	Tutor
14 July 2022 – Thursday: Arrival and accommodation		
Active Ulaanbaatar city and check in hotel/dormitory		
Own responsibility		
15 July 2022 – Friday: Day 1 – Ulaanbaatar city		
09:00 – 09:30	Introduction to National University of Mongolia	NTUM
09:30 – 10:00	Introduction about the summer school	Ochir Altansakh
10:00 – 10:30	Ice breaking – participants will introduce themselves	Participants
10:30 – 11:00	Coffee and tea	Amia Shkaraba
11:00 – 11:30	Introduction to URGENT and ONE projects	Ochir Altansakh
11:30 – 13:00	Global challenges and state of the Earth system, key concepts, and the emergence of the Sustainable Development Goals	Amia Katona with translation
13:00 – 14:00	Lunch – self service (not provide)	
14:00 – 15:30	University tour (research study laboratories, library, university museum, main hall, university garden, sport hall and etc.)	N Munkh
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	SDG card game	Amia Katona with translation
18:00 – 20:00	Welcome dinner (light treat)	All participants

**16 July 2022 – Saturday: Day 2 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Urban environment (general understanding) and urban transport	Ochir Altansakh Amia Katona
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Lecture – Urban environment (air and noise pollution)	Bat-Erdene Arunzanasan
12:30 – 14:00	Lunch – self-service (not provide)	Byambu Baidelger
14:00 – 15:30	Laboratory – Noise pollution	Bat-Erdene Arunzanasan
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Laboratory – Air pollution	Byambu Baidelger

**17 July 2022 – Sunday: Day 3 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Urban environment (water pollution)	Davaasara Batasuren
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Field study – Water pollution	
12:30 – 14:00	Lunch – self-service (not provide)	Davaasara Batasuren
14:00 – 18:00	Field study – Water pollution	Ochir Altansakh

**18 July 2022 – Monday: Day 4 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Ecosystem service	Amia Shkaraba with translation
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar – Ecosystem service	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – Ecosystem diversity	Amia Shkaraba with translation
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – Ecosystem diversity	

**19 July 2022 – Tuesday: Day 5 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Urban green space planning	Mongolian University of Life Sciences
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar – Urban green space planning	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – Urban forest	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – Urban forest	

**20 July 2022 – Wednesday: Day 6 – Ulaanbaatar city**

08:00 – 18:00 Hiking in the peri-urban forest – organize excursion to Bogd Khan Mountain, talk to the assistant Tanager Gaa and see the city above

Mongolian University of Life Sciences

**21 July 2022 – Thursday: Day 7 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Sustainable and green urban planning, architecture in case of UH city	Urban planning and research institute
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Study excursion – UH planning	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – Green and blue garden in the city	National garden park
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Study excursion – Garden travel and coffee night	

**22 July 2022 – Friday: Day 8 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Accessibility to urban ecosystem services and functions in contemporary cities – A spatial perspective	Daniela La Rosa with translation
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar – topic in same	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – A stepwise approach for integrating nature conservation efforts into development planning	Aijana de Groot (online) with translation
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – topic in same	

**23 July 2022 – Saturday: Day 9 – Ulaanbaatar city**

09:00 – 10:30	Lecture – Ecology, water and the city: strengthening water-sensitive planning with Nature-Based Solutions for contemporary cities	Daniela La Rosa with translation
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Seminar – Planning criteria for sustainable urban drainage systems	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Lecture – EU sustainable development policies and environmental innovation	Department of Europe study
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Seminar – topic in same	

**24 July 2022 – Sunday: Day 10 – Ulaanbaatar city**

09:00 – 10:30	Lecture – EU environmental innovation, its application in Mongolia	Mongolian Sustainable Future Association
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Lecture – Green finance and green bond standards	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 18:00	Study excursion – Plastic centre	

**25 July 2022 – Monday: Day 11 – Gorkhi-Terelj national park**

08:00 – 10:30	Travel to Gorkhi-Terelj national park	National University of Mongolia
11:00 – 12:30	Lecture – Introduction to Gorkhi-Terelj national park	Namatai Oyunchimeg
12:30 – 14:00	Lunch (will provide)	Bat-Erdene Arunzanasan
14:00 – 15:30	Lecture – Special protected area management, EU tools in Mongolia	
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Team work on SPA management issue	

**26 July 2022 – Tuesday: Day 12 – Gorkhi-Terelj national park**

09:00 – 18:00 Hiking

Namatai Oyunchimeg

**27 July 2022 – Wednesday: Day 13 – Back in Ulaanbaatar city and team work**

09:00 – 12:30	Travel back to Ulaanbaatar city	
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Team work – discussion, wrap-up, prepare presentation	Participants
15:30 – 16:00	Coffee and tea	
16:00 – 17:30	Team work – discussion, wrap-up, prepare presentation	

**Personal supplies:**

Students should be prepared for fieldwork and camping. Critical items include warmer sleeping bag, rain gear, hiking boots, grabby clothes, toiletries, hat, camera and others. Your field equipment kit should contain a watch, GPS, protractor, pencils and pens, and you should have your personal backpack, a portable water container, toilet paper, insect repellent, medicine for any case of emergency. A complete list of personal supplies is written in Page 14. **Only one backpack is acceptable for field work.**

**28 July 2022 – Thursday: Day 14 – Team work**

09:00 – 10:00	Measuring progress: Indicators for sustainable development	Amia Katona with translation
10:00 – 10:30	Presentation	Each team
10:30 – 11:00	Coffee and tea	
11:00 – 12:30	Presentation	Each team
12:30 – 14:00	Lunch – self-service (not provide)	
14:00 – 15:30	Closing remarks, certificate, students' impression	Amia Shkaraba
15:30 – 16:00	Coffee and tea	Ochir Altansakh
16:00 – 18:00	Free time. Each team write own impression about the summer school with fun photo and send	
18:00 – 20:00	Farewell dinner	

The settled nomadism > Summary > Бүтээгдэхүүн > Next step > Testing > Signatures

**Fees:**

- No fee requires for Mongolian participants of the ONE project. All costs, including travel insurance, out-city transportation, food and accommodation during out-city activity will be supplied by the ONE project.
- No fee requires for participants of the URGENT project. All costs, including insurance, transportation, food, daily allowance, accommodation will be covered by travel and stay cost of the project.

**Food:** No special food such as a vegan accepted. During the out-city activity, only Mongolian food (meat, rice, flour, vegetable) is available. In the city, different types of food are available.

**Insurance:** Participants are fully responsible for own travel, health, safety issues and insurance.

The settled nomadism > Summary > Бүтээгдэхүүн > Next step > Testing > Signatures

**Certificate:**

Upon successful completion of the summer school, the graduate students will get a certificate issued by the National University of Mongolia with 4 ECTS transferred.

- **Ирн:** 3 удаагийн бүртгэл
- **Илтгэл тавих**

The settled nomadism > Summary > Бүтээгдэхүүн > Next step > Testing > Signatures

**АНХААРАЛ ХАНДУУЛСАНД БАЯРЛАЛАА**  
**АСУУЛТ - ХАРИУЛТ**



## Introduction to URGENT and ONE projects

URGENT and ONE projects

Баригч: профессор О.Алтантүвшин

Валлийн төлөөлөгчид: Монгол Улсын Их Сургууль

- ONE төслийн зохиогчид
- URGENT төслийн үндэсний зохиогчид

Хичээлийн төлөөлөгчид:

- Төслүүдийн талаарх танилцуулга

- URGENT project
- ONE project

#ERASMUSDAYS

24. 10. 16<sup>th</sup> of October 2021

URGENT PROJECT ERASMUS DAYS 2021

URGENT project ONE project

Энэтхэг ба Монгол улсын хоёр сурвалж газрын уур амьсгалын өөрчлөлтийг гүйцэтгэх чадвар, түүнд дасан зохионо байдал: Ногоон ба дэнхэр дэх бүтэц, байгальд түшиглэсэн шийдлийг эрэмжлэн чиглэсэн сургалтын зөвлөбөр, чадвар бэлтгүүлэх, мэдээлэл зарчлаархын тусламжийг ашиглах, орчин үе технологийн хамтын ажиллагаа

URGENT төслийг МУНХС-д 2021-2023 оны хооронд нийт 3 жилийн хугацааны эсрэгээр биед үндсэн зардал нь Энэтхэг болон Монгол улсын хоуруудын уур амьсгалын өөрчлөлтийг тусгахад чадвар, түүнд дасан зохионо байдал, ногоон ба дэнхэр дэх бүтэц, байгальд түшиглэсэн шийдлийг дэмжүүлэн, практикт боловсон хүчинийг бэлтгэх замаар сайжруулахад оршино.

Төсөлд нийт 5 улсын 15 байгууллага хамтран ажиллана.

ID	Country	Flag	Acronym	Logo	Full name	Website
P1	Germany		UFD		University of Duisburg	<a href="http://www.uni-duisburg.de">http://www.uni-duisburg.de</a>
P2	India		ICET		University of Calicut	<a href="http://www.unicalicut.ac.in">http://www.unicalicut.ac.in</a>
P3	Indonesia		ISIRI		Edwinia University of Life Sciences	<a href="http://www.edwinia.ac.id">http://www.edwinia.ac.id</a>
P4	Germany		MLB		Martin Luther University	<a href="http://www.mlhu.de">http://www.mlhu.de</a>
P5	Mongolia		ISIRI		International Studies University	<a href="http://www.isu.edu.mn">http://www.isu.edu.mn</a>
P6	Mongolia		ISIRI		Sidaia University	<a href="http://www.sidaia.ac.mn">http://www.sidaia.ac.mn</a>
P7	Mongolia		ISIRI		Phokhary University	<a href="http://www.phokhary.ac.mn">http://www.phokhary.ac.mn</a>
P8	Mongolia		ISIRI		Sidaia University of Agricultural Sciences & Technology of Kalbar	<a href="http://www.sidaia.ac.mn">http://www.sidaia.ac.mn</a>
P9	Mongolia		ISIRI		National Institute of Urban Affairs	<a href="http://www.niua.gov.mn">http://www.niua.gov.mn</a>
P10	Mongolia		ISIRI		Green International Finance Tax City Computer Limited	<a href="http://www.gifc.com">http://www.gifc.com</a>

Төслийн хүрээнд дараах 4 зорилгыг үндэс:

1. Ногоон ба дэнхэр дэх бүтэц, байгальд түшиглэсэн шийдлийг хялбартай, захирагч, захирал, докторын сургалтын хөтөнбөрүүдэд ашигтай хийж, дасан зохионогийн шаардлагад ийнхүүдэн ашигтай, нөхөрлөлийн чиглэлийг нэмж оруулах, дэх боловсролын түвшинд ашиглах 6 модуль хичээлийг бэлтгэнэ.
2. Европийн Хялбар, Энэтхэг, Монгол улсуудын хамтран байгууллагуудын хооронд сургалт-судалгааны мэдээлэл солилцох боловч бүхий хамтран сургалтын платформ, цахим сургалтын үйлчилгээг бий болгож, түүгээрээ дамжуулан сургалтын чигарийг сайжруулан.
3. Ажлаа өндөрчлөл өрсөлдөө хөгжүүлэн, эмн хэргийн, практикт чиглэсэн сургалтын хандлага, агуулгын бий болгож, энэ нь төслийн турш буюу дараа ажиллах нөхцөлийг бүрдүүлэнэ.
4. Хамтрагч талуудын хооронд зөвхөн ашигтай, сургалт-судалгааны зорилго тохиромжтой хамтран ажиллах боломжийг бүрдүүлэнэ.

URGENT project ONE project

Expected result 1: A pool of new (22 ICTS) and updated (52 ICTS) disciplines available through URBAN team (including 6 sets of enhanced interactive resources)

Expected result 2: URGENT PhD research framework

Expected result 3: An international research summer school in URGENT key issues (Paris, Estonia)

Expected result 4: Equipment installed at partner HEIs

Expected result 5: URBAN team planning

Expected result 6: URBAN team e-science modules

Expected result 7: Innovative ICT training and co-development of resources (Catalna)

Expected result 8: 2 URGENT Scotland Collaborative Platforms (SDPs)

Expected result 9: Arrangements for mobility, joint research and shared research and experimental facilities

Expected result 10: URGENT policy-business-academy Open Science Conference

URGENT project ONE project

<http://urgent-project.net/>

<https://www.facebook.com/gmpis/urbangreenblue>



URGENT project ONE project

**МОНГОЛ УЭСМН ХҮРЭЭЛЭН БЭИ ОРЧНЫ ТОГ ТВОРТОЙ МЕНЕЖМЕНТЭД ЕВРОПЫН ТУРИЙЛАГААС НЭВТРҮҮЛЭХ НЬ - ONE ТОСОЛ**  
 "European Orientation for Sustainable Environmental Management in Mongolia"

Төслийн үндсэн зорилго нь Европын холбооны Нөмрөг хэтгэлээр хүрчигүй бэй орныг хувийн төлөв, байдлыг зөвөрсөгөөгөө Монгол улсын дүнд боловсролын системээр дамжуулан иргэдийн боловсрол хүчин болгох явцуу үүрэгтэй ажлыг, байгууллага оршино. Үүний тулд париж мэргэжлээр хэрэгжүүлнэ. Үүнд:

- Олон улсын гүй сургалт зохион байгуулах
- Европын холбооны татваргүй зохиолын бодлого, нэгдсэн санхүү, байгаль дээр суурилсан шийдэл, уур амьсгалын өөрчлөлтөө уян хатан байдал сэмжүүдээр сургалтын материал бичгэн
- Нийгэд амьтгалын цахим сургалт бичгэн, гэрээ
- Судалгаа нэмэлтээр хийж, үр дүнд олон улсын болон дотоодын сэтгүүлд хэвлүүлж
- Академи-практикийн семинар, дүүгй илэрхий үзэгдэл зохион байгуулах

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URGENT project ONE project

EU sustainable development policies ИҮС-ИҮС-ECT  
 Green finances ТоС  
 Nature-based solutions and territorial resilience ХИД-ИС-АМООНТ

ACTIVITY	Year 1			Year 2			Year 3		
	Q 1	Q 2	Q 3	Q 1	Q 2	Q 3	Q 1	Q 2	Q 3
Task 1.1 - Preparation and conducting the ONE International Summer School									
Task 1.2 - Developing and teaching 3 disciplines for diploma students									
Task 1.3 - Development of e-learning materials based on the course offer									
Task 1.4 - Research activities and development of academic publications									
Task 1.5 - Dissemination, including an academic paper workshop and roundtable									

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URGENT project ONE project

<https://sites.google.com/view/one-project/>

Jean Monnet  
 European Orientation for Sustainable Environmental Management in Mongolia  
 - ONE

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URGENT project ONE project

**АНХААРАЛ ХАНДУУЛСАНД БАЯТАЛАА АСУУЛТ - ХАРИУЛТ**

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