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REPORT OF THE "URBAN LANDSCAPE ARCHITECTURE-2023" INTERNATIONAL CONFERENCE

Host organizer:

Department of Agronomy, Forestry and Landscape Architecture,
School of Agroecology, Mongolian University of Life Sciences
Tel: +976 88902901, Email: banzragch@muls.edu.mn
URGENT project of the ERASMUS+ program

Co-organizer:

National University of Mongolia
National University of Mongolia-Khovd branch
Urban Planning and Research Institute
National Garden Park

Ulaanbaatar city

2023

A Brief History of the Academic Conference "Urban Landscape Architecture"

In 2017, the School of Agroecology at the Mongolian University of Life Sciences organized a national conference under the name "Urban Landscape Architecture". The primary objective of the conference was to discuss landscape architectural planning in urban areas, with the aim of enhancing the ecological conditions in Mongolia's urban regions and fostering a more pleasant living environment for its citizens.

The topics covered included the principles and requirements of urban planning, legal considerations, and the challenges associated with implementing urban horticulture policies, all with the goal of addressing significant urban issues. This national conference recurred in 2019 and 2021. This year, as part of the Urgent project, it is being held under the theme "Urban Landscape Architecture-2023," focusing on urban nature-based solutions."

The International Conference, titled “Urban Landscape Architecture-2023”, was organized by the School of Agroecology, Mongolian University of Life Sciences under the URGENT project ERASMUS+ program, in collaboration with the following partner organizations:

National University of Mongolia

National University of Mongolia-Hovd branch

Urban Planning and Research Institute

National Garden Park

This conference took place on October 9, 2023, running from 8:00 a.m. to 7:00 p.m. The event was hosted in the Conference Hall of the Administration Building at the Mongolian University of Life Sciences. The opening session featured welcoming speeches from prof. B. Baasansukh, the Rector of the MULS, Assoc. Prof. A. Buyanbaatar, the Director of the School of Agroecology, MULS and Dr. Yildray Ogurol, the Project Manager for URGENT and University of Bremen, Germany.

Representatives from universities and professional organizations in five countries, including Germany, Italy, Estonia, India, and Mongolia, participated in the international conference. The conference featured a total of 20 presentations, with 10 delivered in English and 10 in Mongolian, all centered around the theme of "Urban Nature-Based Solutions" (see Appendix 1). The conference program included the discussion of a report in accordance with the program schedule. For a detailed conference agenda, please refer to Appendix 2. It includes:

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INTERNATIONAL CONFERENCE ON
"URBAN LANDSCAPE ARCHITECTURE-2023"

08:30-09:00 **Registration**
09:00-09:20 **Opening speech**
Dr. Prof. B.Baasansukh (Director of the Mongolian University of Life Sciences)
Dr. A.Buyanbaatar (Dean of School of Agroecology, MULS)
09:20-09:40 WELCOMING SPEECHES
Dr. Yildiray Ogurol (Project Coordinator of URGENT, UNIBremen)
Prof. O.Altansukh (National coordinator of URGENT, NUM)-by online

SESSION 1 (LANGUAGE IS IN ENGLISH)
Moderator Dr. M.Khishigjargal, Dr. D.Banzragch, MULS

09:45-10:00 Prof. Utpal Sharma (NU), "Carrying capacity based master plan of Shimla-the queen of hill towns in India"
10:00-10:15 Dr. Anton Shkaruba (EMU), "Urban ecosystem disservices and implications for the inclusive planning process"
10:15-10:30 Dr. Arjan de Groot (MLU), "Nature-based Solutions"
10:30-10:45 Dr. Daniele La Rosa (UNICT), "High resolution greening scenarios for climate regulation"
10:45-11:00 Prof. P K Joshi (JNU), "Emerging Urban Landscape in Asia"

11:00-11:15 **Discussion**
11:15-11:30 **Coffee break and group photo**

11:30-11:45 Dr. Akhlaq Amin Wani (SKUAST-K), "Dynamics of green and blue infrastructure in the urban landscapes of Srinagar: An ecological perspective"
11:45-12:00 Dr. Riccardo Privitera (UNICT), "Global policies for adapting Cities to Climate Change"
12:00-12:15 Prof. J K Tripathi (JNU), "Landscape and Geochemistry of Indo-Gangetic plains"
12:15-12:30 Dr. Vibha Gajjar (NU), "Inclusion of Green Cover in Land Management- A case of Town Planning Scheme in Ahmedabad"
12:30-12:45 MSc. Siiri Kulm, Lagle Lõhmus (EMU), "Raising biodiversity in urban green spaces – an example from Tartu"

12:45-13:00 Discussion
13:00-14:00 Lunch (self-paid*)

*The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein

Urban Resilience and Adaptation for India and Mongolia
curricula, capacity, ICT and stakeholder collaboration to sup
green & blue infrastructure and nature-based solutions
619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP

SESSION 2 (LANGUAGE IS IN MONGOLIAN)
Moderator Assoc. Prof. D.Khandsuren, Dr. S.Odongerel, MULS

14:00-14:15 Dr. A.Sukhbat (Mayor's office of Ulaanbaatar city),"Several key issues encompass flower policy, planning, plant selection, and urban green infrastructure planning"
14:15-14:30 Assoc. Prof. D.Khandsuren, PhD student E.Ariunbayar (MULS), "Possibility and significance for cultivation combination design of friut plants in the green spaces in urban areas"
14:30-14:45 Dr. A.Amarjargal, N.Undarmaa (NUM-Khovd), "Chemical research of useful plants"
14:45-15:00 MSc. Uranbaigal Gongor (UPRI), "Green space of Ulaanbaatar city"
15:00-15:15 N.Bolor-Erdene, B.Orgilsaikhan, J.Munkhbayar, C.Batdelger (NGP), "The role of National garden park in urban green spaces"

15:15-15:30 **Discussion**
15:30-15:45 **Coffee break**

15:45-16:00 MSc. Munkhtuvshin Kh., Dr. D.Khandsuren. D (MULS), "Landscape architectural planning of fruit orchards in Mongolia"
16:00-16:15 T.Semjid, A.Altantsooj, G.Byamba-Yondon, G.Tserenkhand (Botanic Garden and Research Institute of MAS), "Result of the survey of dust in green spaces along the road of Ulaanbaatar city"
16:15-16:30 R.Munkhbat, M.Ochgerel, B.Sarnai, D.Ganbat, E.Tuvshinsanaa (Botanical Garden of Mongolia) "Introduction of ornamental plants in the Botanical Garden of Mongolia"
16:30-16:45 D.Khulan (UPRI), "Green roof/Eco-roof of the building"
16:45-17:00 A.Belguun, S.Odongerel (MULS), "Evaluating the feasibility of green scapes of Ulaanbaatar city"

17:00-17:15 **Discussion**

17:15-17:30 Closing – Concluding session by
Dr. A.Buyanbaatar (Dean of School of Agroecology, MULS)

LOCATION: Meeting hall #43, Administration Building, MULS Khan-Uul district, Zaisan 17024, Ulaanbaatar Mongolia

COORDINATOR: Mongolian University of Life Sciences

A total of 104 researchers, scientists and specialists from 28 institutions participated in the international conference (see Appendix 3). Additionally, information and reports regarding the international conference were disseminated to the public through various media outlets, including Tenger TV, the Gogo website, the MN news website, National Radio, and other national media.

1. Mongolian University of Life Sciences
2. National University of Mongolia
3. National University of Mongolian-Khovd branch
4. University of Bremmen, German
5. University of Catania, Italy
6. Estonian Unirsity of Life Scinces, Estonia
7. Martin Lutter-University, Germany
8. Nirma University, India
9. SKUAST-K, India
10. Jawaharlal Nehru University, India
11. National Institute for Urban Affairs, India
12. Horticulture, Development and Service Center of Hohhot, China
13. Russian-Mongolian Cooperation Center of the Department of Foreign Affairs of the People's Government of China
14. Landscaping department of Mayor's Office of Ulaanbaatar
15. Institute of Botanical Garden, Branch of the construction architecture
16. Urban Planning and Research Institute
17. Construction development center
18. NUM, School of Architecture design
19. New Mongol Institute of Technology
20. National Garden Park
21. Department of Urban Development and Horticulture
22. Botanic Garden and Research Institute of MAS

23. "Enkhiin jargal construction" LLC
24. "Garden city" LLC
25. "KAN" LLC
26. "Green Agula" NGO
27. "Green dream" L
28. "Gobi travel" LLC, landscape architector





"Urban landscape arcitecture-2023" International Conference

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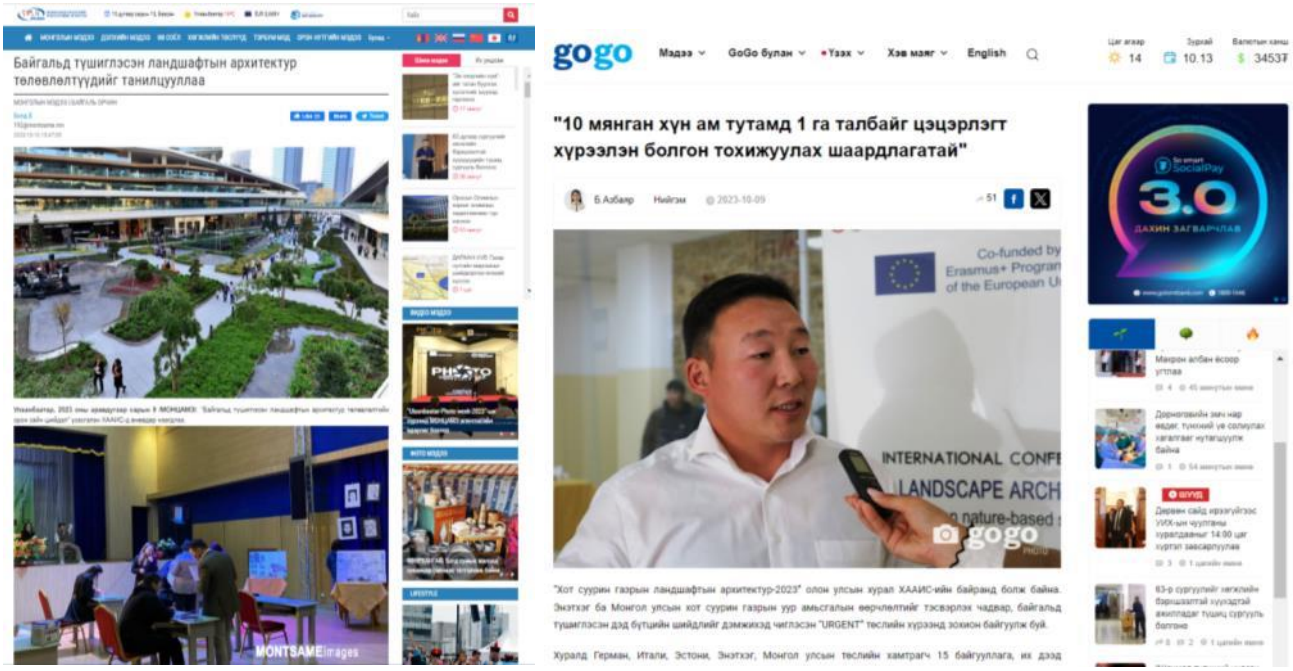


Gogo website, and MN news website

The participants of the international conference were interviewed, and the interview was broadcast on the evening news channel of Tengvar TV.

This year, the “Urban Landscape Architecture” conference was organized on multiple levels for the first time for three days, between 09 to 11 October 2023. It included the exhibition of works by undergraduate students studying in the “Landscape Architecture” bachelor program and the Student Olympiad "Talented Designers." This combined event was extensive and of significant importance. Consequently, the organizers have decided that it is appropriate to continue organizing this annual conference alongside the student exhibition and Olympiad. Some key considerations for future conference organization include:

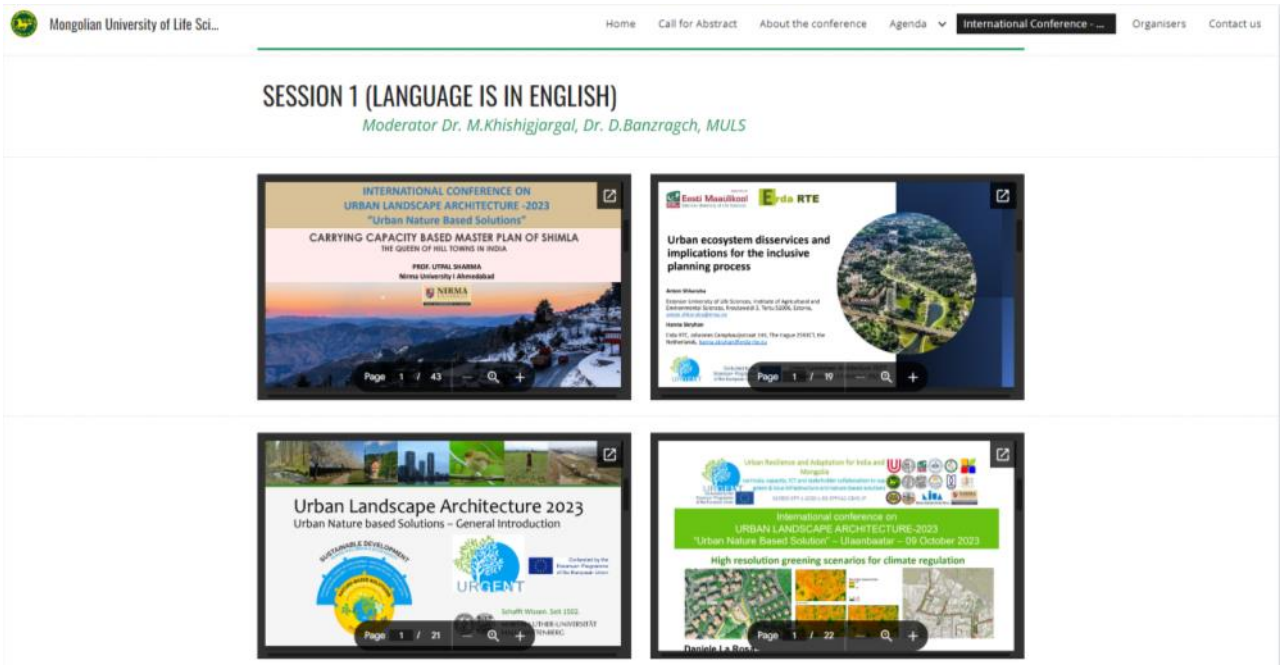
- Ensuring representation from multiple generations of researchers in the field of landscape architecture.
- Involving policy makers and aligning the conference with the government's Green Development policy.
- Expanding the participation of stakeholders in the meeting.
- Broadening the research areas discussed.
- Extending the duration of discussion for each topic.

Report written by
Dr. D.Banzragch, MULS

Appendix 1

Google site of the “Urban Landscape architecture-2023” International conference: You can access the following links for the conference presentations.

https://sites.google.com/muls.edu.mn/urban-landscape-architecture/home



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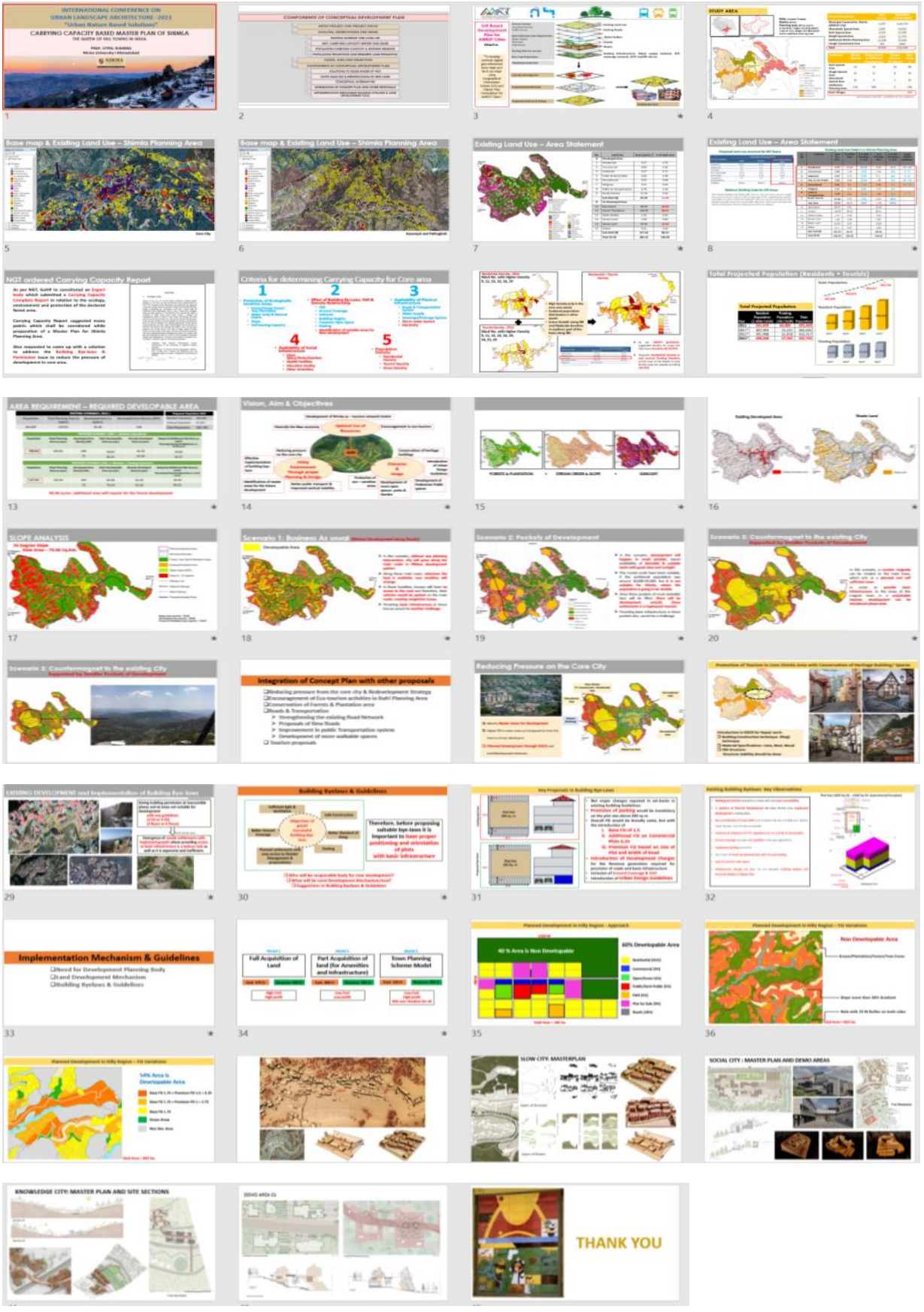
Session 1, “Urban landscape architecture-2023” international conference (in English)

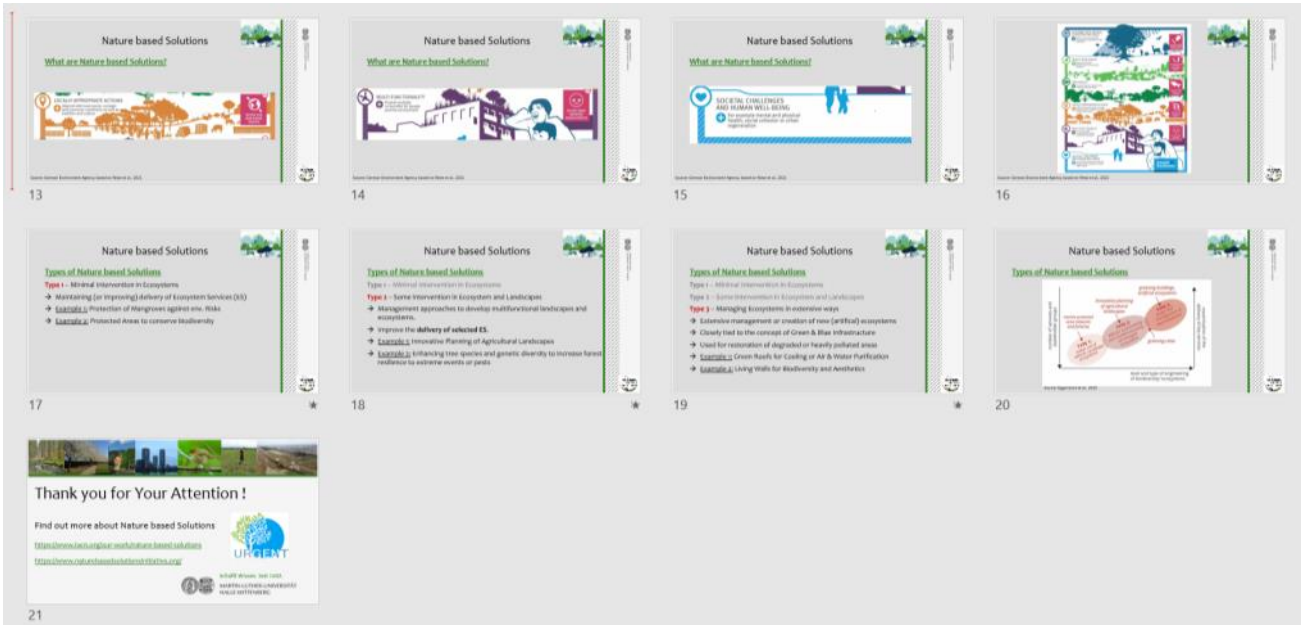
Prof. Utpal Sharma (NU), “Carrying capacity based master plan of Shimla”



Dr. Anton Shkaruba (EMU), "Urban ecosystem disservices and implications for the inclusive planning process"

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

Dr. Arjan de Groot (MLU), “Nature based solutions”



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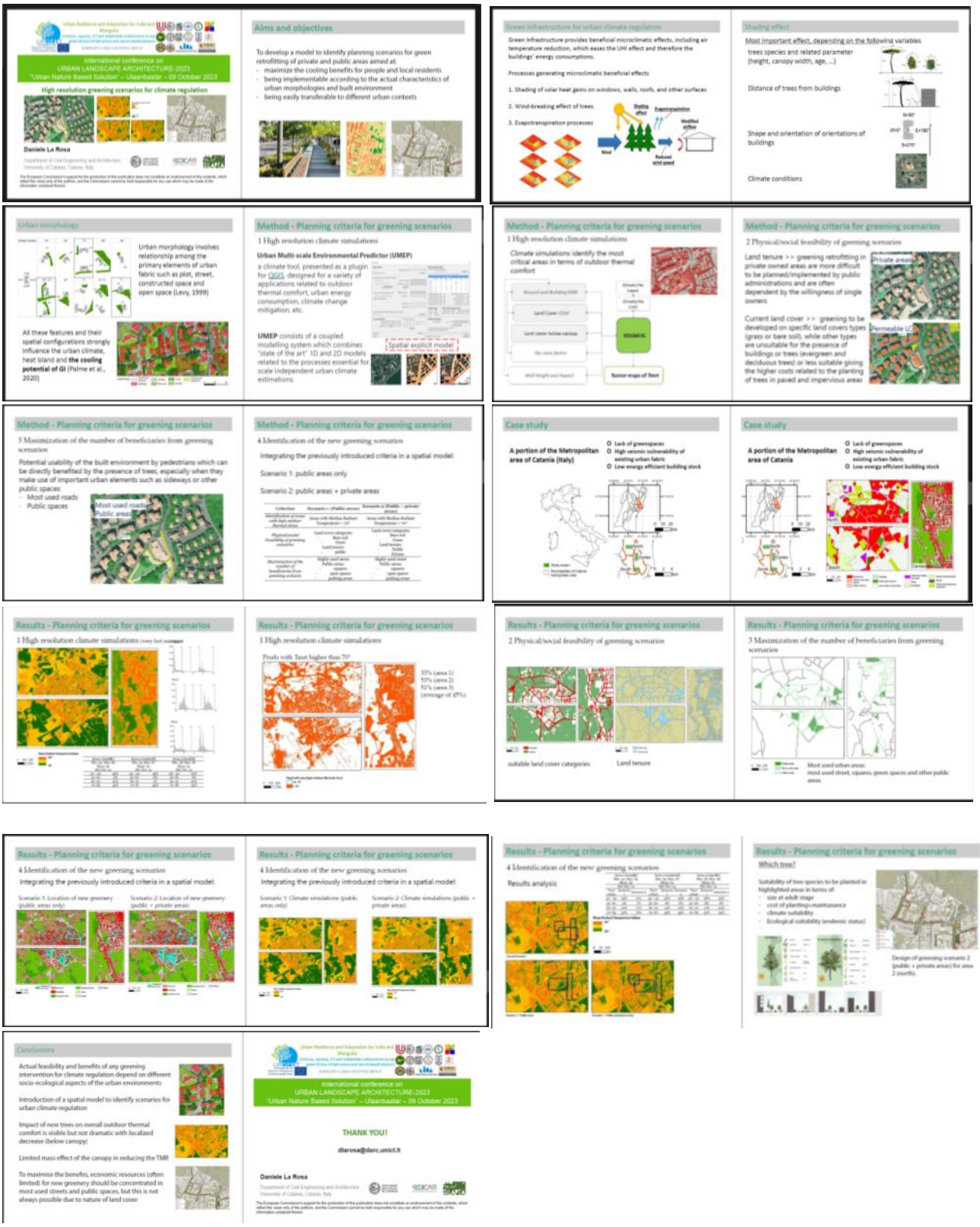
Dr. Daniele La Rosa (UNICT), “High resolution greening scenarios for climate regulation”



Co-funded by the
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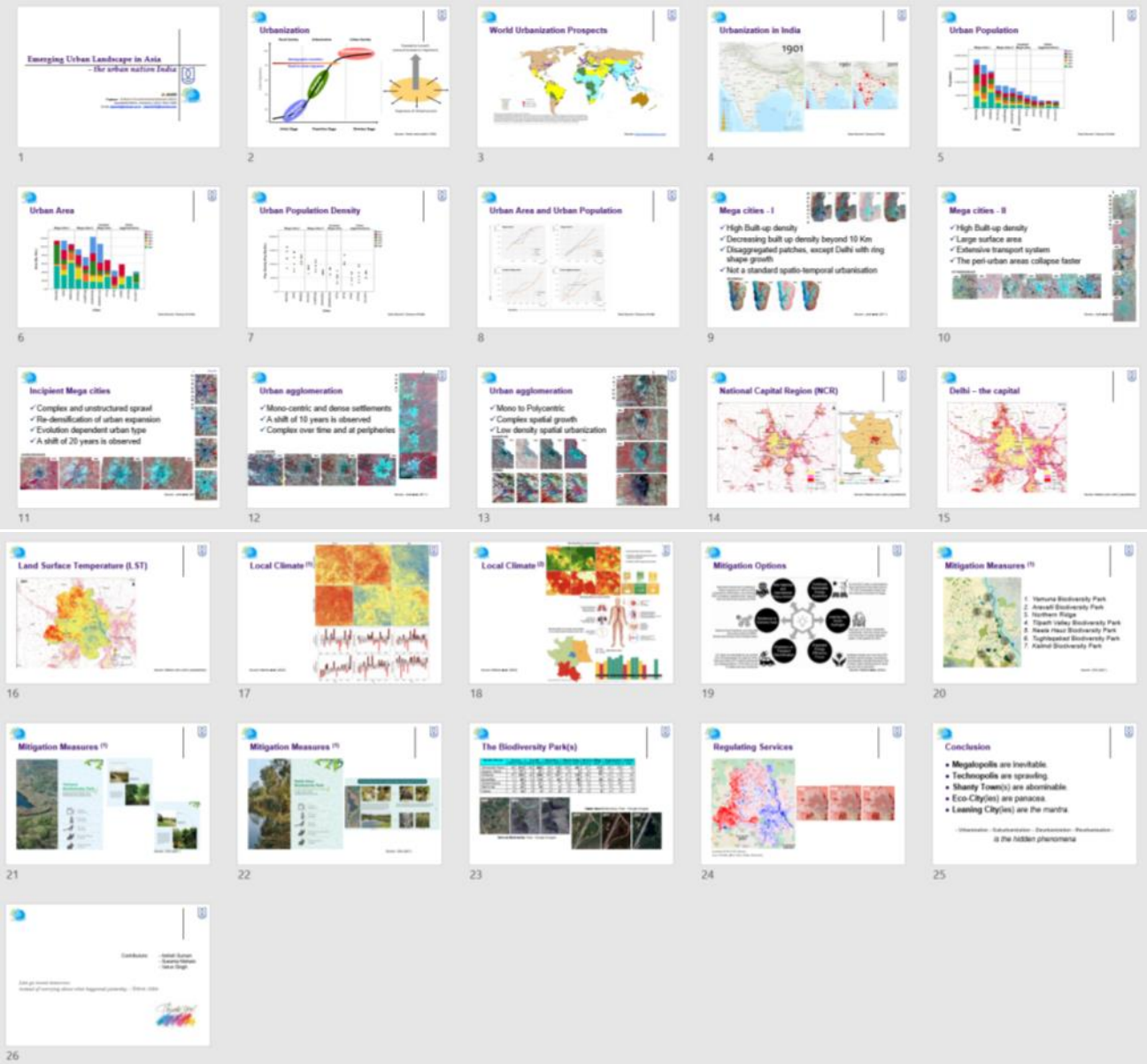
Dr. P K Joshi (JNU), “Emerging Urban Landscape in Asia”



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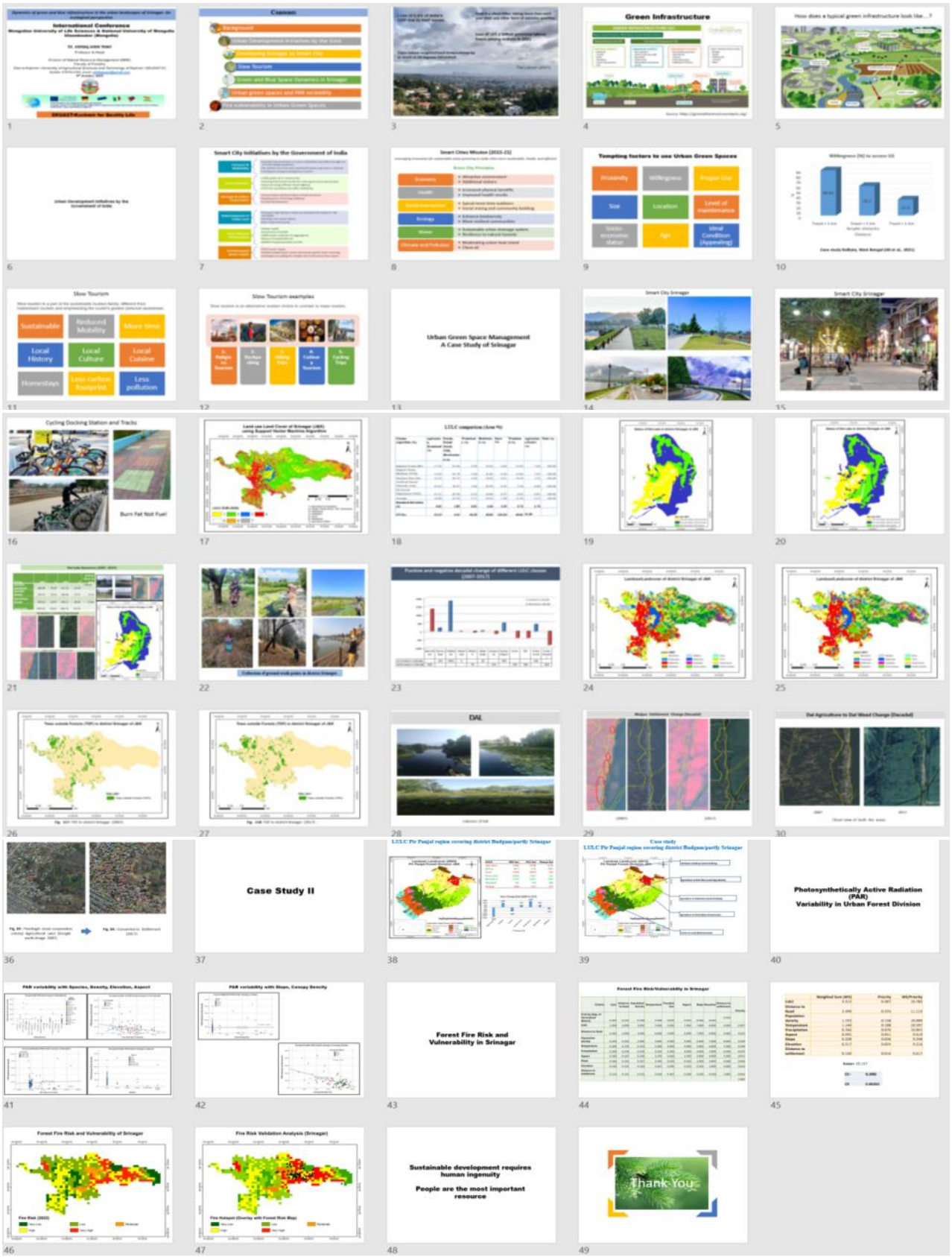
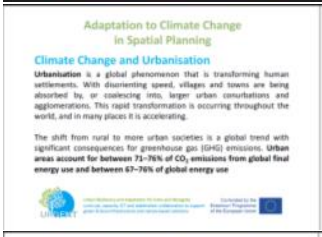
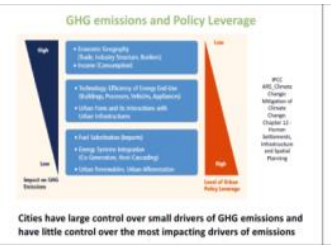
Dr. Akhlaq Amin Wani (SKUAST-K), “Dynamics of green and blue infrastracture in the urban landscapes of Srinagar: An ecological perspective”



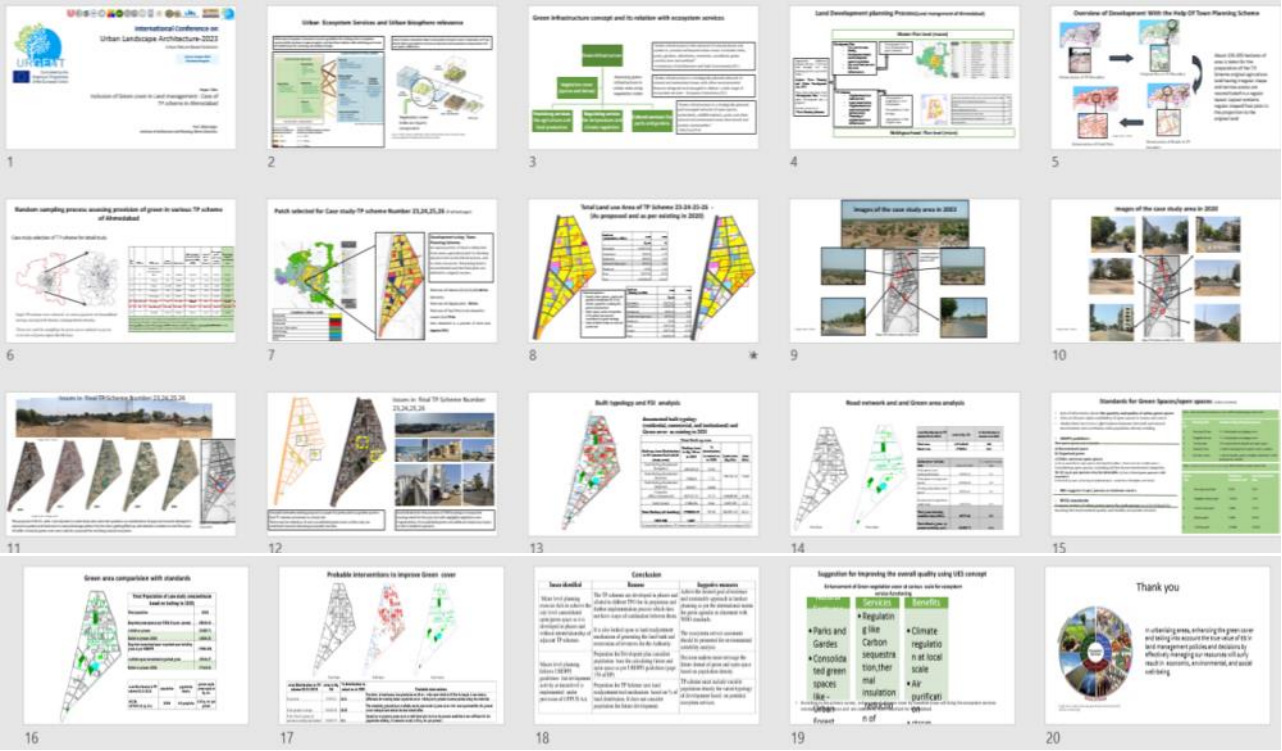
Co-funded by the Erasmus+ Programme of the European Union

Dr. Riccardo Privitera (UNICT), "Criteria for planning the integration of Nature-based Solutions in cities"

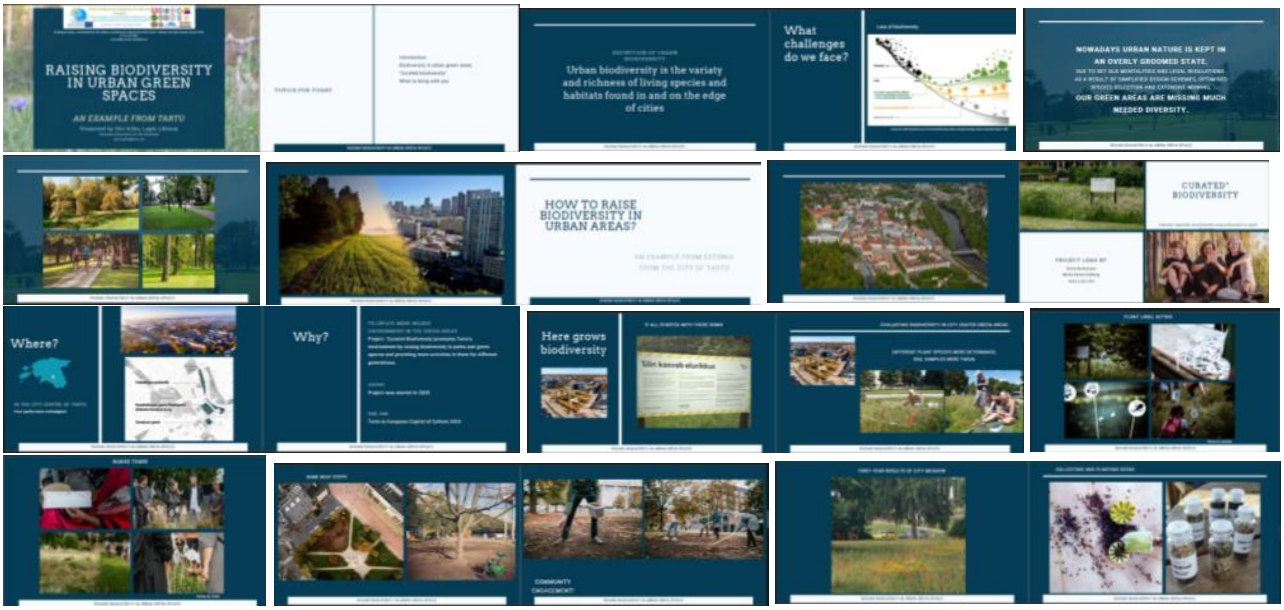




Dr. J K Tripathi (JNU), “Landscape and geochemistry of Indo-Gangetic plains”



Dr. Vibha Gajjar (NU), “Inclusion og Green Cover in land management-a case town planning scheme in Ahmedabad”



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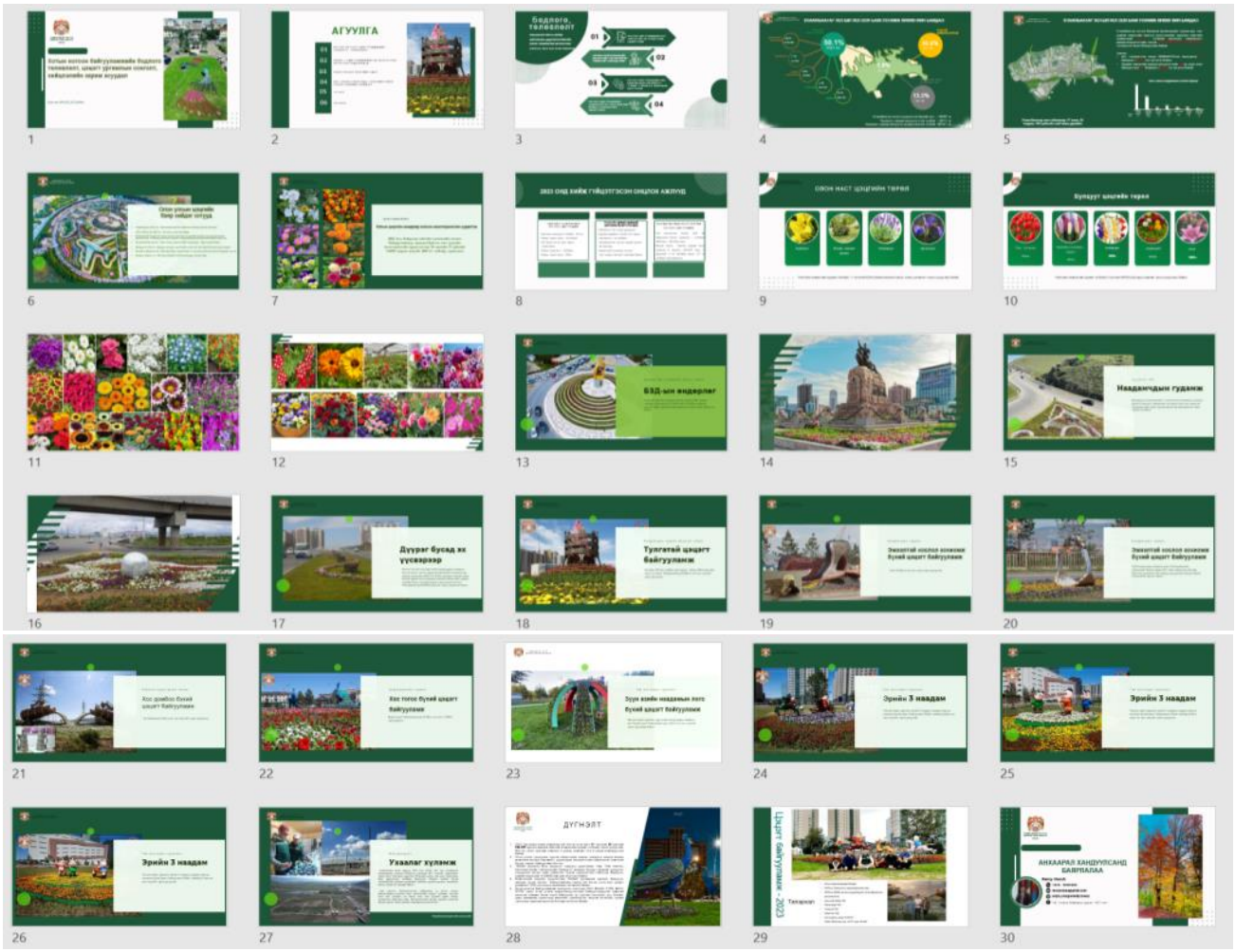
MSc. Siiri Kulm (EMU) “Rasing biodiversity in urban green spaces-an example from Tartu”



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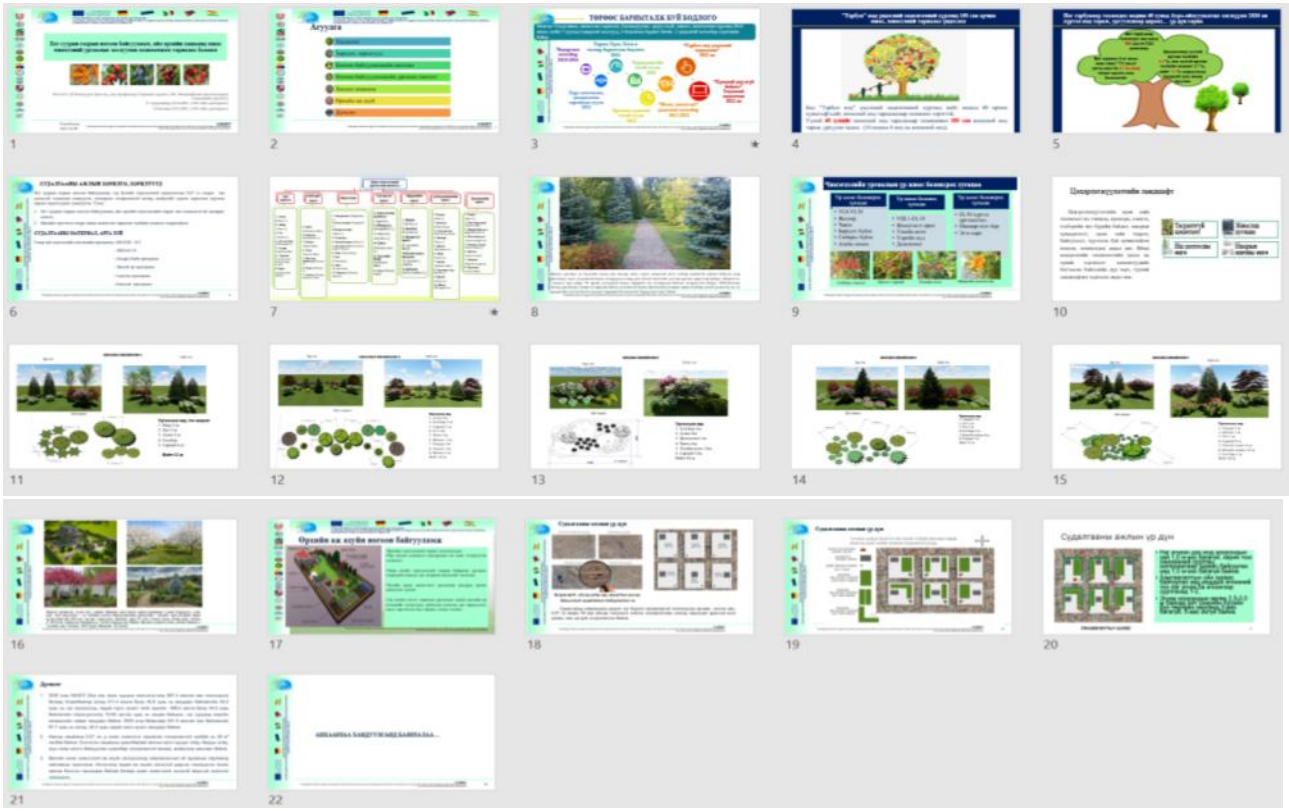
Session 2, “Urban landscape architecture-2023” international conference (in Mongolian)

Dr. A.Sukhbat (Mayor’s office of Ulaanbaatar), “Several key issues encompass flower policy, planning, plant selection, and urban green infrastructure planning”



Dr. A.Amarjargal, N.Undarmaa (NUM-Khovd), “Chemical research of useful plants”

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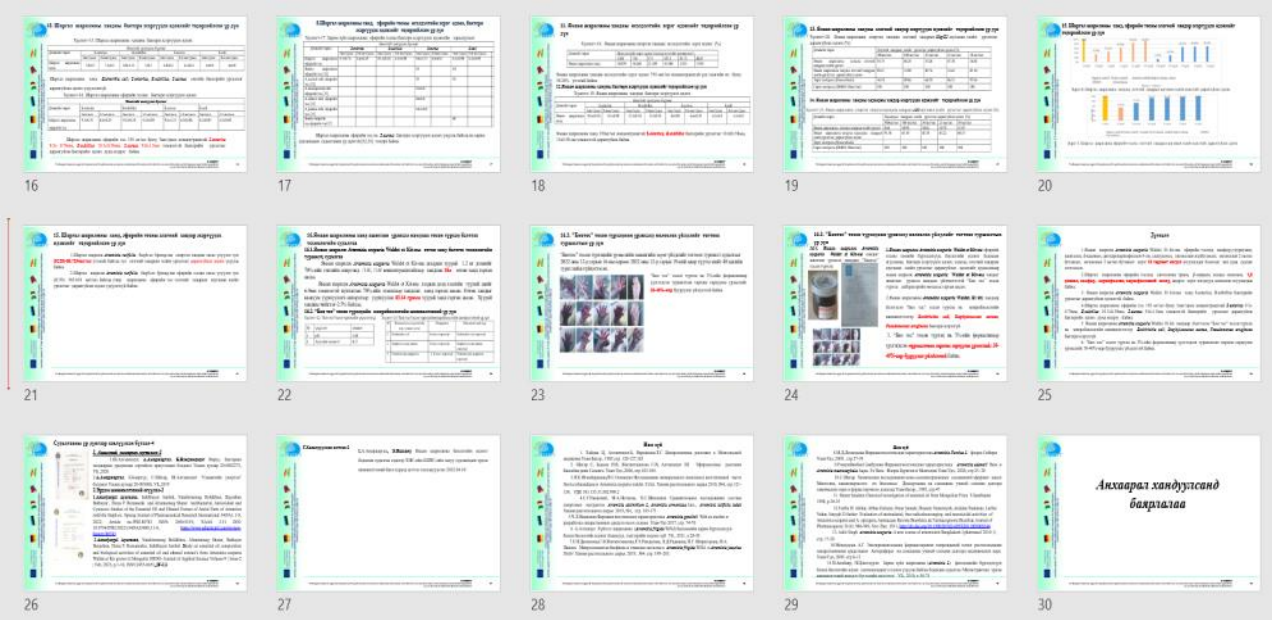
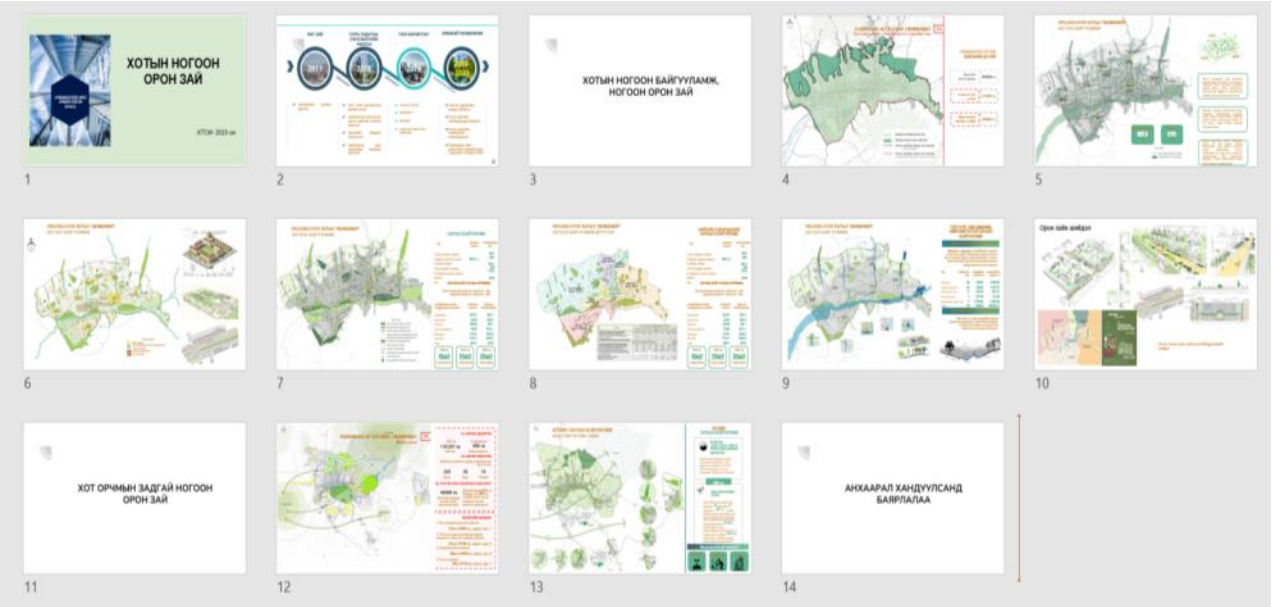


MSc. Uranbaigal Gongor (UPRI), “Green space of Ulaanbaatar city”



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R.Munkhbat, M.Ochgerel, B.Sarnai, D.Ganbat, E.Tuvshinsanaa (Botanical Garden of Mongolia), "Introduction of ornamental plants in the Botanical Garden of Mongolia"

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MSc. A.Belguun, Dr. S.Odongerel (MULS), "Evaluating the feasibility of green scapes of Ulaanbaatar city"

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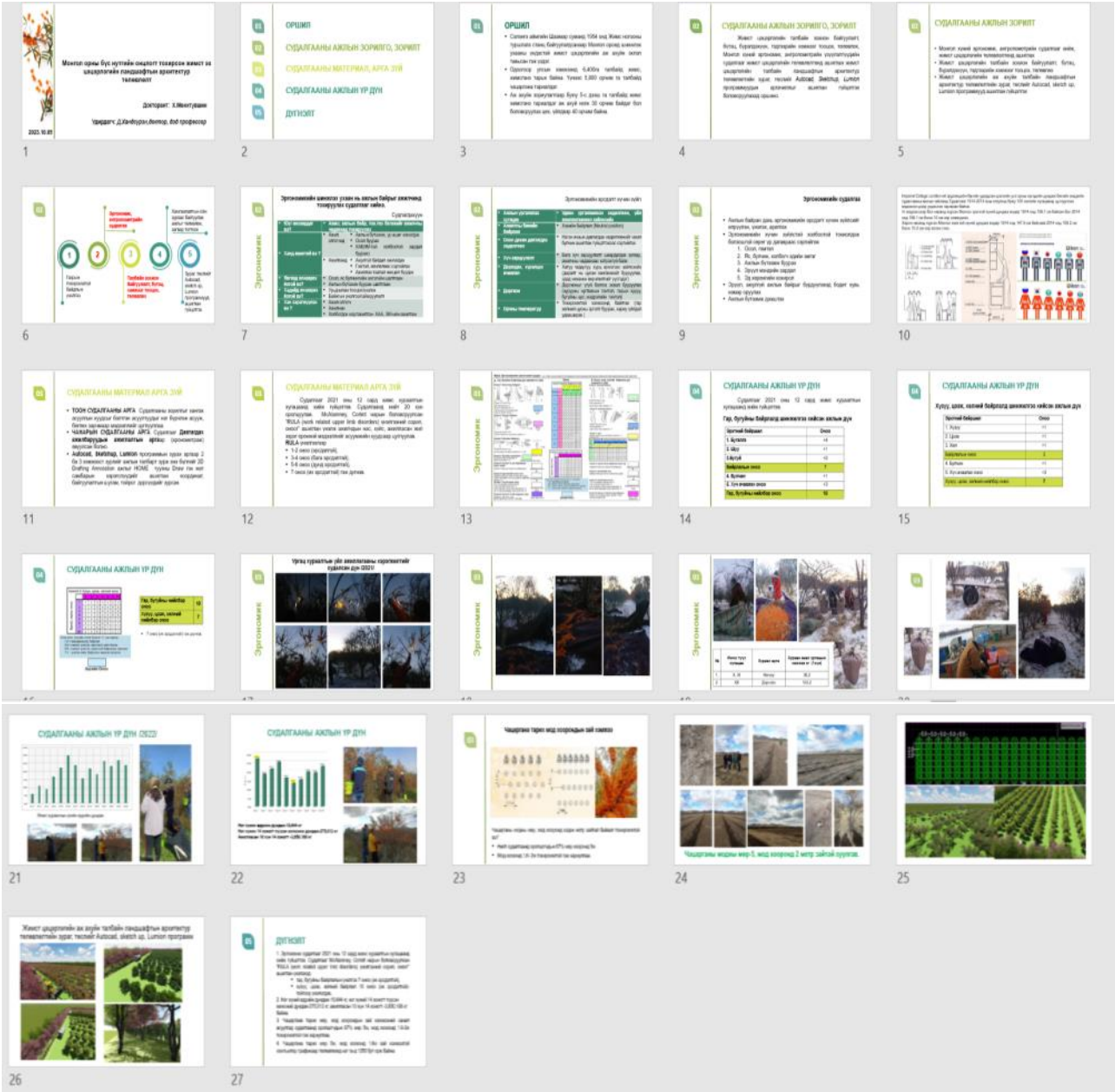
MSc. Munkhtuvshin Kh., Dr. D.Khandsuren (MULS), “Landscape architectural planning of fruit orchards in Mongolia”



Appendix 2

Urban Resilience and Adaptation for India and Mongolia
curricula, capacity, ICT and stakeholder collaboration to sup
green & blue infrastructure and nature-based solutions
619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP

Title:	Urban Resilience and Adaptation for India and Mongolia: curricula, capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature-based solutions-URGENT
Number:	619050-EPP-1-2020-1-DE-EPPKA2-CBHE-JP
Coordinator:	Center for Multimedia in Higher Education (ZMML), University of Bremen
Partners:	UniHB, UNICT, EMU, MLU, NUM, KHU, MULS, UPRI. NGP, JNU, NU, PU, SKUAST-K, NIUA, GIFT

Monday, 09th Oct 2023 (International Conference, day 1)

INTERNATIONAL CONFERENCE ON URBAN LANDSCAPE ARCHITECTURE-2023 "URBAN NATURE BASED SOLUTION"

Location: Meeting hall #43, Administration Building, MULS Khan-Uul district, Zaisan 17024, Ulaanbaatar Mongolia

Coordinator: Mongolian University of Life Sciences

90:00-09:30 **Registration**

09:20-09:30 **Opening speech**

Dr. A.Buyanbaatar (Dean of School of Agroecology, MULS)

09:30-09:45 **Welcoming speeches by**

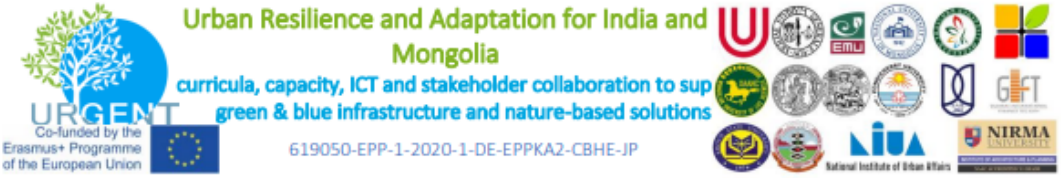
Dr. Yildiray Ogurol (Project Coordinator of URGENT, UNIBremen)

Prof. O.Altansukh (National coordinator of URGENT, NUM)-by online

Session 1 (language is in English)

Moderator Dr. M.Khishigjargal, Dr. D.Banzragch, MULS

09:45-10:00 Prof. Utpal Sharma (NU), "Carrying capacity based master plan of Shimla-the queen of hill towns in India"



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10:30-10:45	Dr. Daniele La Rosa (UNICT), "High resolution greening scenarios for climate regulation"
10:45-11:00	Prof. P K Joshi (JNU), "Emerging Urban Landscape in Asia"
11:00-11:15	**Discussion**
11:15-11:30	**Coffee break and group photo**
11:30-11:45	Dr. Akhlaq Amin Wani (SKUAST-K), "Dynamics of green and blue infrastructure in the urban landscapes of Srinagar: An ecological perspective"
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12:15-12:30	Dr. Vibha Gajjar (NU), "Inclusion of Green Cover in Land Management- A case of Town Planning Scheme in Ahmedabad"
12:30-12:45	Loveleen Garg (Gift City), " Importance of governance in creating Green and Blue infrastructure in Sustainable Smart city"
12:45-13:00	MSc. Siiri Kulm, Lagle Lõhmus (EMU), "Raising biodiversity in urban green spaces – an example from Tartu"
13:00-13:15	**Discussion**
13:15-14:15	**Lunch** (self-paid*)
14:15-17:00	**Visit to "Chinggis khaan National Musuem"**
	(URGENT partners will visit the musuem. The bus will depart from the car parking area of the MULS at 14:00. Self-paid - Ticket price: 30000 MNT)

Session 2 (language is in Mongolian)

Moderator Assoc. Prof. D.Khandsuren, Dr. S.Odongerel, MULS

14:00-14:15	Dr. A.Sukhbat (Mayor's office of Ulaanbaatar city), "Several key issues encompass flower policy, planning, plant selection, and urban green infrastructure planning"
14:15-14:30	Assoc. Prof. D.Khandsuren, PhD student E.Ariunbayar (MULS), "Possibility and significance for cultivation combination design of friut plants in the green spaces in urban areas"
14:30-14:45	Dr. A.Amarjargal, N.Undarmaa (NUM-Khovd), "Chemical research of useful plants"
14:45-15:00	MSc. Uranbaigal Gongor (UPRI), "Green space of Ulaanbaatar city"
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15:15-15:30	**Discussion**
15:30-15:45	**Coffee break**

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15:45-16:00	MSc. Munkhtuvshin Kh., Dr. D.Khandsuren. D (MULS), "Landscape architectural planning of fruit orchards in Mongolia"
16:00-16:15	T.Semjid, A.Altantsooj, G.Byamba-Yondon, G.Tserenkhand (Botanic Garden and Research Institute of MAS), "Result of the survey of dust in green spaces along the road of Ulaanbaatar city"
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16:30-16:45	D.Khulan (UPRI), "Green roof/Eco-roof of the building"
16:45-17:00	A.Belguun, S.Odongerel (MULS), "Evaluating the feasibility of green scapes of Ulaanbaatar city"
17:00-17:15	**Discussion**
17:15-17:30	**Closing – Concluding session by**
	Dr. A.Buyanbaatar (Dean of School of Agroecology, MULS)

Notes:* During the conference, participants are responsible for covering the cost of their own lunch. Please plan accordingly and make arrangements for dining at nearby restaurants or cafes. The conference organizers will provide recommendations for local dining options.

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Appendix 3

List of participants of the “Urban Landscape architecture-2023” International conference.