

Urban foodscapes. Integrating agriculture, biodiversity and communities in the city.

Original

Urban foodscapes. Integrating agriculture, biodiversity and communities in the city / Ronci, M.. - ELETTRONICO. - (2025), pp. 74-75. (agriCULTURAL landscapes – ECLAS Conference 2025 Nitra (SK) 06--11-09-2025) [10.15414/2025.9788055228921].

Availability:

This version is available at: 11583/3003609 since: 2026-03-21T11:04:20Z

Publisher:

Slovak University of Agriculture in Nitra

Published

DOI:10.15414/2025.9788055228921

Terms of use:

This article is made available under terms and conditions as specified in the corresponding bibliographic description in the repository

Publisher copyright

(Article begins on next page)

agriCULTURAL landscapes

30 years of landscape
architecture education
in Nitra

BOOK OF ABSTRACTS

ECLAS NITRA 2025

06--11-09-2025



SUA
Slovak University
of Agriculture
in Nitra



SUA·FHLE
Faculty of Horticulture
and Landscape
Engineering

1995
FZKI
2025

**LANDSCAPE
IN FOCUS**

ECLAS
EUROPEAN COUNCIL OF
LANDSCAPE ARCHITECTURE
SCHOOLS

agriCULTURAL landscapes

30 years of landscape
architecture education
in Nitra

BOOK OF ABSTRACTS

BOOK OF ABSTRACTS
ECLAS CONFERENCE NITRA
06--11-09-2025

Managing Editor

ATTILA TÓTH, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

Design and Production Editor, Cover Design

MIROSLAV ČIBIK, Dr.
Slovak University of Agriculture in Nitra, Slovakia

Visual Concept Authors

ATTILA TÓTH, SOŇA BELLÉROVÁ, MIROSLAV ČIBIK and BRANISLAV KRÁLIK
Slovak University of Agriculture in Nitra, Slovakia

ISBN 978-80-552-2892-1

DOI <https://doi.org/10.15414/2025.9788055228921>



agriCULTURAL landscapes

30 years of landscape
architecture education
in Nitra

BOOK OF ABSTRACTS

EDITION: 1ST
SLOVAK UNIVERSITY OF AGRICULTURE IN NITRA
NITRA, SLOVAKIA 2025

Approved by the rector of the
Slovak University of Agriculture in Nitra
on September 01 2025, as a peer-reviewed e-book of conference abstracts.

Funding

This book of abstracts has been published thanks to the financial support by ECLAS 2025 participants and the following educational and research projects of the Slovak University of Agriculture in Nitra: KEGA 004SPU-4/2023, KEGA 038SPU-4/2024, KEGA 015SPU-4/2023, VEGA 1/0535/24, VEGA 1/0072/24 (Ministry of Education, Research, Development and Youth of the Slovak Republic); Erasmus+ 2023-1-CZ01-KA220-ADU-000164978; and the projects 09I03-03-V02-00043 and 09I03-03-V05-00018 (Recovery and Resilience Plan of the Slovak Republic).

Recommended Citation

Tóth, Attila. (Ed.). (2025). *agriCULTURAL landscapes – ECLAS Conference 2025: 30 Years of Landscape Architecture Education in Nitra. Book of Abstracts*. Slovak University of Agriculture in Nitra. 348 p. ISBN 978-80-552-2892-1. DOI <https://doi.org/10.15414/2025.9788055228921>

<https://www.eclas.org/>
<https://conference.eclas.org/>
<http://dl.slpk.sk/>

This work is licensed under a [Creative Commons Attribution-NonCommercial 4.0 International License](https://creativecommons.org/licenses/by-nc/4.0/)



Conference chair

ATTILA TÓTH, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

Scientific and Organisational Committee

ATTILA TÓTH, MÁRIA BIHUŇOVÁ, ZUZANA VINCZEOVÁ,
MIROSLAV ČIBIK, MAREK HUS, SOŇA BELLÉROVÁ
Slovak University of Agriculture in Nitra, Slovakia

ALEXANDRU MEXI, SAMANEH NICKAYIN, HENRIK SCHULTZ,
MANA TAHERI TALESH, FREDERICO MEIRELES RODRIGUES
The European Council of Landscape Architecture Schools

Thematic Track Chairs

LADISLAV BAKAY and MAREK HUS

Ecology and Economy

ATTILA TÓTH, LEI GAO, ALEXANDRU MEXI, and ALBERT FEKETE

Heritage and Identity

ELLEN FETZER, JUANJO GALAN VIVAS, MANA TAHERI, BEATA DREKSLER,
INGRID SARLÖV-HERLIN, KATARÍNA SLOBODNÍKOVÁ, and SOŇA BELLÉROVÁ

Democratic Landscape Transformation

MARCEL RAČEK, ZUZANA VINCZEOVÁ, ADAMCZYK-MUCHA KAMILA,

LINNÉA FRIDELL, and JUANJO GALAN VIVAS

Teaching & Learning

MÁRIA BIHUŇOVÁ, MAGDALENA BŁASZCZYK, MANA TAHERI,
and FREDERICO MEIRELES RODRIGUES

Innovative Landscape Practices

MIROSLAV ČIBIK, HENRIK SCHULTZ, and SAMANEH NICKAYIN

Open Track

Conference Session Chairs and Moderators

SIMON BELL, SOŇA BELLÉROVÁ, MÁRIA BIHUŇOVÁ, MARLIES BRINKHUIJSEN,
MIROSLAV ČIBIK, SARA DORDEVIĆ, ANNA EPLÉNYI, ELLEN FETZER, JUANJO GALAN
VIVAS, LEI GAO, ULRIKE KRIPPNER, IVAN MÁLEK, KATARÍNA MELICHOVÁ, ELKE MERTENS,
ALEXANDRU MEXI, VIERA PAGANOVÁ, FREDERICO MEIRELES RODRIGUES,
INGRID SARLÖV-HERLIN, HENRIK SCHULTZ, KATARÍNA SLOBODNÍKOVÁ,
ANNA STANIEWSKA, RICHARD STILES, MANA TAHERI, ATTILA TÓTH, JUAN VILLALON
HERNANDO, SOPHIE VON SCHWERIN, KRISTINE VUGULE, ÁDÁM WEISZER

Keynote Speakers

FRANK LOHRBERG

Rediscovering Agriculture by Landscape Architecture

ANJA BRÜLL

Transformation of agriCULTURE for climate-resilient landscapes:

Challenges and opportunities in the Three-Countries Park

ALENA SALAŠOVÁ

Rural Landscape Restoration versus Innovation:

Inspiring approaches to the planning and restoration of agricultural

landscapes in the past, present, and future

LIONEL FANSHAWE

Delivering Multi-Functional Outcomes from Rural Landscapes:

Lessons from Hampshire Farming Test and Trials project for the

UK Environmental Land Management Agenda

Reviewers

ATTILA TÓTH, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

INGRID SARLÖV-HERLIN, Prof.
Swedish University of Agricultural Sciences, Sweden

ALEXANDRU MEXI, Assoc. Prof. Dr.
University of Agronomic Sciences and Veterinary
Medicine in Bucharest, Romania

LEI GAO, Assoc. Prof. Dr.
Norwegian University of Life Sciences, Norway

MARLIES BRINKHUIJSEN, Dr.ir.
Wageningen University, the Netherlands

MÁRIA BIHUŇOVÁ, Dr.
Slovak University of Agriculture in Nitra, Slovakia

MIROSLAV ČIBIK, Dr.
Slovak University of Agriculture in Nitra, Slovakia

BEÁTA NOVOTNÁ, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

KAMILA ADAMCZYK-MUCHA, Dr.
University of Life Sciences in Lublin, Poland

LADISLAV BAKAY, Dr.
Slovak University of Agriculture in Nitra, Slovakia

MAGDALENA BŁASZCZYK, Dr.
Warsaw University of Life Sciences, Poland

JEROEN DE VRIES
LE:NOTRE Institute, the Netherlands

BARBORA ČAKOVSKÁ, Dr.
Slovak University of Agriculture in Nitra, Slovakia

LINNÉA FRIDELL
Swedish University of Agricultural Sciences, Sweden

MAREK HUS, Dr.
Slovak University of Agriculture in Nitra, Slovakia

RUBEN JOYE
HOGENT University of Applied Sciences
and Arts, Belgium

JÁN KOLLÁR, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

GABRIEL KUCZMAN, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

KATARÍNA MIKLÁŠOVÁ, Assoc. Prof. Dr.
Slovak University of Agriculture in Nitra, Slovakia

SAMANEH NICKAYIN, Dr.
Wageningen University, the Netherlands

ANNA PÁSTOROVÁ, Dr.
Slovak University of Agriculture in Nitra, Slovakia

MARCEL RAČEK, Dr.
Slovak University of Agriculture in Nitra, Slovakia

BIANCA MARIA RINALDI, Assoc. Prof. Dr.
Politecnico di Torino, Italy

MANUELA RONCI, Dr.
Politecnico di Torino, Italy

HENRIK SCHULTZ, Prof. Dr.
Osnabrück University of Applied Sciences, Germany

ANNA STANIEWSKA, Assoc. Prof. Dr.
Cracow University of Technology, Poland

MANA TAHERI TALESH
Estonian University of Life Sciences, Estonia

ANDREJ TÁRNÍK, Dr.
Slovak University of Agriculture in Nitra, Slovakia

MÁRIA TÁRNÍKOVÁ, Dr.
Slovak University of Agriculture in Nitra, Slovakia

IMKE VAN HELLEMONDT, Dr.
Vrije Universiteit Amsterdam, the Netherlands

ZUZANA VINCZEOVÁ
Slovak University of Agriculture in Nitra, Slovakia

KRISTINE VUGULE, Dr.
Latvia University of Life Sciences
and Technologies, Latvia

ELLEN FETZER, Dr.
Nürtingen-Geislingen University, Germany

FREDERICO MEIRELES RODRIGUES, Dr.
University of Trás-os-Montes
and Alto Douro, Portugal

SOŇA BELLÉROVÁ, Dr.
Slovak University of Agriculture in Nitra, Slovakia

BEATA DREKSLER, Dr.
American University of Beirut, Beirut, Lebanon

JUANJO GALAN VIVAS, Assoc. Prof. Dr.
Polytechnic University of Valencia, Spain

KATARÍNA SLOBODNÍKOVÁ
Slovak University of Agriculture in Nitra, Slovakia

022 BACKGROUND

- 022 About ECLAS
- 024 About Landscape Architecture
- 026 European Frameworks for Landscape and Design

028 ABOUT CONFERENCE

- 028 AgriCULTURAL Landscapes –
30 Years of Landscape Architecture Education in Nitra

030 PREFACES

- 032 Message from the ECLAS President
- 034 Message from the ECLAS 2025 Conference Chair

036 KEYNOTE SPEAKERS

- 038 Frank Lohrberg – Rediscovering Agriculture by Landscape Architecture
- 040 Anja Brüll – Transformation of Agriculture for Climate-Resilient Landscapes
- 042 Alena Salašová – Rural Landscape Restoration versus Innovation
- 044 Lionel Fanshawe – Delivering Multi-Functional Outcomes from Rural Landscapes

046 CONFERENCE TRACKS

- 046 Track 1: Ecology and Economy
- 090 Track 2: Heritage and Identity
- 186 Track 3: Democratic Landscape Transformation
- 222 Track 4: Teaching & Learning
- 256 Track 5: Innovative Landscape Practices
- 314 Track 6: Open Track

046 TRACK 1: ECOLOGY AND ECONOMY

- 048 LIONEL FANSHAWE
Governance of Land and Natural Resource Management
- 050 INGE BOBBINK
In-Between Boezem Landscapes Designing a Mediating Water Landscape into the Dutch Lowlands
- 052 JIAO JIAO et al.
Coordinated Design for Water Ecological Protection and the Development of Agriculture, Culture, and Tourism in Lakeside Areas: A Case Study of Yangcheng Lake Area in Xiangcheng District, Suzhou, China
- 054 FABRIZIO ALBION
Guidelines for the Sustainable Development of Agriphotovoltaics in Orchard Cultivation: An Approach for Their Harmonious Application in the Natural, Landscape and Socio-Cultural Context of South Tyrol
- 056 ROXANA MARIA TRIBOI
Pastoralism as an Adaptive Strategy in Sustainable Food Systems
- 058 DIANA CATALINA BARRERA AGUDELO
The Landscape of Subaltern Rurality: The Fabric of Rurality. Extractive Pressures, Subalternized Spaces, and the Struggle for Coexistence in the Colombian Andes
- 060 MONIKA KAMENEČKI et al.
The Possibility of Creating a Network of Urban Gardens in Split
- 062 JOANNA STORIE and VINETA GAILĪTE
Can Drone Technology Support Sustainable Management Practices of Grass-Fed Beef Farmers?
- 064 JIAYING SHI and NAN WANG
Dual Benefits of Urban Foraging: Exploring Sustainable Development Pathways through Social and Ecological Perspectives
- 066 ANA MEDEIROS et al.
Agricultural Landscapes Between Ecological and Economical Performances: A Spectrum-based Approach to Sustainability
- 068 HONGYU MA et al.
A Review of Typical Soil Carbon Sequestration Measures in Agricultural Landscapes
- 070 HAIYOU ZHANG et al.
A Review of the Current Status of the Application of On-farm Soil Carbon Sink Monitoring Technology in Agricultural Landscape Management
- 072 DANIELA TOLEDANO and PAULA GOMES DA SILVA
Experience Tourism in Agricultural Landscapes and Villages. A Concept of Circular Tourism through the Senses

- 074 MANUELA RONCI
Urban Foodscapes. Integrating Agriculture, Biodiversity and Communities in the City
- 076 ŞEYMA BETÜL ALBAYRAK KILIÇASLAN and NILGÜL KARADENİZ
One Hundred Years of Food Security: Atatürk Orman Çiftliği-Ankara (Türkiye)
- 078 MAREK HUS AND ANNA PÁSTOROVÁ
Meadows as a Tool for Increasing Biodiversity and Aesthetic Value in Urbanized and Rural Environments
- 080 AMY WHITESIDES
Field Guide to a National Agroforest
- 082 SEVGI GORMUS et al.
Agricultural Landscape Rifts in the Metabolism of Urban-Rural Belts After Disasters
- 084 MINWEN HE and CHONGHUI YAO
Farmland Landscape Research and Planning Strategy Based on Tujia Farming Culture: From the Perspective of Production-Life-Ecology
- 086 VIERA PAGANOVÁ et al.
Designing with Nature: Enhancing Biodiversity and Resilience through Native Trees in Agricultural Landscapes
- 088 PAULO FARINHA-MARQUES et al.
Regenerative Landscape Design at Quinta De Salgueiros, Porto
- 090 TRACK 2: HERITAGE AND IDENTITY**
- 092 KARIN HELMS
Long-term Sustainable Vision for an Intensive Farming Landscape, Case of the Clos-Masures in Upper Normandy. Heritage and Interpretation, to Construct the Cultural Landscape of Tomorrow
- 094 MIROSLAV ČIBIK
Exploring the Potential of Urban Voids: Mapping and Rethinking White Spaces in Post-War Cities
- 096 NINA MARIE ANDERSEN
Landscape Elements in Memorials: A Reception Study of a Design Competition
- 098 AIGA SPAGE and MADARA MARKOVA
The Symbolic and Sacred Value of Nationally Important Rural Landscapes in Latvia
- 100 NADJA PENKO SEIDL et al.
Rethink, Reassess, Redraw: Lessons Learnt From Renewing Slovenian Landscape Characterisation After 25 Years
- 102 MARIA RUDKA and CATARINA PATOILLO TEIXEIRA
Arboreta as Cultural Landscapes: Best Practices for Design and Implementation

ECOLOGY AND ECONOMY

CONFERENCE TRACK 1:
THEMATIC TRACK
OVERVIEW AND OBJECTIVES

Agricultural landscapes are central to food production and support the economy at all levels from local to global. Well-planned and structured foodscapes are crucial for the resilience of food systems, and for food security and safety. Agricultural landscapes provide jobs for farmers and related industries, and many people depend on farming for their livelihoods. Agriculture is a key driver of rural development and rural economies. In many regions, agricultural landscapes can also generate income from agritourism and other recreational activities in the landscape.

At the same time, agricultural landscapes are important biotopes for many animal species. Many agricultural landscapes are part of the NATURA 2000 network. Depending on farming practices, agriculture can either enhance or threaten biodiversity. More sustainable and

environmentally friendly management practices, such as organic farming or agroforestry can sustain or enhance biodiversity.

In this thematic track, we are looking for contributions on diverse economic and ecological aspects of agricultural landscapes, including co-relations between these two aspects. How can agricultural landscapes be economically productive and at the same time environmentally and economically sustainable? How can landscape architects and planners contribute to more sustainable and resilient agricultural landscapes? What existing good practices can serve as inspiring role models? Your contribution may tackle one of these questions or elaborate on related issues.

MANUELA RONCI, Dr.
Politecnico di Torino, Italy

URBAN FOODSCAPES. INTEGRATING AGRICULTURE, BIODIVERSITY AND COMMUNITIES IN THE CITY

The paper explores the role of strategic planning and landscape design in the construction of urban agricultural spaces that act as multifunctional ecosystems, capable of contributing to biodiversity enhancement and food security, as well as providing social benefits. Starting from the survey of green infrastructure and biodiversity plans in Amsterdam, Paris and Lisbon, the research investigates how such strategic visions are promoted by the integration of agricultural practices within urban open space.

Amsterdam's approach to environmental issues is based on the enhancement of the urban green infrastructure, promoting its development wherever possible to cope with the progressive densification of the urban fabric, the loss of biodiversity and the effects of climate change. Amongst the multiple declinations of 'urban nature' provided by the Green Infrastructure Vision 2050, urban agriculture practices emerge as a tool capable of increasing the liveability of the city, providing social, educational and environmental benefits. In this sense, the allotment gardens, vegetable gardens and orchard at Park Frankendael demonstrate how historical parks can accommodate contemporary urban agricultural uses, becoming catalysts for a diverse public while improving the functionality of ecosystems.

The Paris Biodiversity Plan has, among its objectives, the development of urban agricultural practices, recognised as a tool to promote environmental education, encourage civic participation, build social bonds and strengthen urban biodiversity. In this sense, the city supports an urban agriculture increasingly based on efficient, sustainable and resilient agricultural systems, relying on ecological management methods. This attitude can be found in

the orchard of the Parc Martin Luther King, a park built on a disused railway platform. The orchard hosts regional plant varieties and ensures genetic diversity by combining plants in a way that attracts pollinating animals and auxiliary insects, thus avoiding the use of chemical fertilisers and pesticides.

In the Lisbon Biodiversity Strategy and Action Plan, horticultural plots are considered useful ecotopes for housing urban fauna and enhancing the ecological structure of the city, as well as having educational value. Parque Urbano da Quinta da Granja was the first agricultural park promoted by the municipality and transformed an environmentally degraded, peripheral site into a multifunctional public open space. In addition to redeveloping a problematic site, the intervention offered more recreational opportunities to a densely populated neighbourhood, recalling the area's agricultural tradition and strengthening one of the city's ecological corridors.

The cities selected as case study share the recognition of urban agriculture as a central component to sustain biodiversity, enhance ecosystem services, improve quality of life and engage users in sustainable practices, strengthening their environmental awareness and sense of community. However, the varied overview provided by different historical/cultural contexts, planning approaches, and design outcomes offers the possibility to compare distinct attitudes and practices. Based on these perspectives, the research aims to provide insights for landscape architects, urban planners and policy makers into the potential of including urban agricultural practices in city regeneration strategies.

