



Universitatea
Transilvania
din Braşov



State Biotechnological University, Ukraine
Ukrainian National Forestry University, Ukraine
National University of Life and Environmental Sciences of Ukraine, Ukraine
Transilvania University from Brasov, Romania
University of Valladolid, Spain
Eberswalde University for Sustainable Development, Germany

PROGRAM OF INTERNATIONAL CONFERENCE

**“Forestry contribution to the European Green Deal:
Bridges between EU and
Ukrainian Educational Practices”**

June 5-6, 2025

Kharkiv, Ukraine

The conference is held within the framework of the project "Modernizing master programs to support forest sector transformation towards Ukraine's post-war green rebuilding" (ForestPost) №101179074 ERASMUS-EDU-2024-CBHE Erasmus+ program of EU.

The conference will be held in a hybrid format - at the State Biotechnological University (Kharkiv, Ukraine) and online.

Organising Committee:

***Chairman of the
organising committee:
Deputy Chairpersons:***

***Andrii Kudriashov, Dr., Acting Rector, State
Biotechnological University, Ukraine***
***Valerii Mykhaylov, Prof. Dr., Vice Rector for Scientific
Affairs of the State Biotechnological University, Ukraine;***
***Maksym Serik, Dr., Associate Prof., Vice Rector for
Academic Affairs of the State Biotechnological University,
Ukraine;***
***Anastasiia Suska, Dr., Prof., Dean of the Faculty of
Forestry, Woodworking Technologies and Land
Management of the State Biotechnological University,
Ukraine;***

***Members of the
organising committee:***

***Ihor Soloviy, Prof. Dr., Professor at the Department of
Economics, Tourism and Recreation, Ukrainian National
Forestry University, Ukraine;***
***Halyna Lesiuk, Dr., Deputy Head of International Office,
Ukrainian National Forestry University, Ukraine;***
***Oleksandr Soshensky, Dr., Associate Prof., Associate
Prof. of the Department of Forestry, National University
of Life and Environmental Sciences of Ukraine, Ukraine;***
***Aureliu-Florin Hălălișan, Dr., Assoc. Prof., Vice-Dean,
Faculty of Silviculture and Forest Engineering,
Transilvania University of Brasov, Romania;***
***José Reque, Prof. Dr. Eng., Professor,
Higher Technical School of Agrarian Engineering,
University of Valladolid, Spain;***
***Mann Carsten, Prof. Dr., Vice Dean of the faculty of
Forest and Environment, Eberswalde University for
Sustainable Development, Germany;***

Iryna Koshkalda, Prof. Dr., Head of the Department of Land Management, Geodesy and Cadastre of the State Biotechnological University, Ukraine;

Serhii Shevchenko, Dr., Associate Prof., Associate Prof. of the Department of Woodworking Technologies and Systems Engineering of Forest Complex of the State Biotechnological University, Ukraine;

Yuliia Bila, Dr., Associate Prof., Head of the Department of Forest Crops, Land Reclamation and Horticulture of the State Biotechnological University, Ukraine;

Yurii Karpets, Prof. Dr., Head of the Department of Forestry and Hunting of the State Biotechnological University, Ukraine;

Vitalii Nazarenko, Dr., Associate Prof., Associate Prof. of the Department of Forest Crops, Land Reclamation and Horticulture of the State Biotechnological University, Ukraine.

CONFERENCE SCHEDULE

05.06.2025 – plenary session (working language - English);

06.06.2025 – section work (working languages - Ukrainian, English).

PLENARY SESSION

June 5, 2025

Zoom link:

<https://btu-kharkiv-ua.zoom.us/j/83793732227?pwd=SLGbaPmgx3Xiolxagl3ehapzabD880.1>

Conference ID: 837 9373 2227

Access Code: 964139

Moderator - Prof. Dr. **Anastasiia Suska**, Dean of the Faculty of Forestry, Woodworking Technologies and Land Management of the State Biotechnological University, Ukraine.

Language - English.

Time (CET)	Time (Kyiv)	Session
09.00- 09.30	10.00- 10.30	Welcome word:
		Dr. Andrii Kudriashov , Acting Rector, State Biotechnological University, Ukraine
		Prof. Dr. Vasyl Lavnyy , Vice-Rector on Research, Ukrainian National Forestry University, Ukraine
		Dr. Oleksandr Labenko , Vice-Rector for Scientific and Pedagogical Work and International Affairs, National University of Life and Environmental Sciences of Ukraine, Ukraine
		Prof. Dr. José Reque , Academic Secretary, Higher Technical School of Agrarian Engineering University of Valladolid, Spain
		Prof. Dr. Lucian Curtu , Dean of Faculty of Silviculture and Forest Engineering, Transilvania University of Brasov, Romania
		Prof. Dr. Carsten Mann , Academic Director of the Biosphere Reserve Institute, Eberswalde University for Sustainable Development, Germany
		Mariana Ostrovska , Head of the Department of International Cooperation, Science and Public Relation of the State Forest Resources Agency of Ukraine, Ukraine
09.30- 10.00	10.30- 11.00	Forest Post Project Introduction & Brief Overview Prof. Dr. Ihor Soloviy , Ukrainian National Forestry University, Ukraine

10.00-10.30	11.00-11.30	Artificial Intelligence and Forestry: New Challenges Prof. Dr. Felipe Bravo , Full Professor, Chair of the Forest Planification and Modelling Area, University of Valladolid, Spain
10.30-11.00	11.30-12.00	<i>Coffee break</i>
11.00-11.30	12.00-12.30	Mapping Synergies and Conflicts between the EU Green Deal and Ukraine's Forest Sector Green Rebuilding Efforts Prof. Dr. Florin Halalisan , Transilvania University of Brasov, Romania
11.30-12.00	12.30-13.00	Responses of education to the challenges of post-war green rebuilding of the forest sector in Ukraine: Findings of the survey Prof. Dr. Ihor Soloviy , Ukrainian National Forestry University, Ukraine
12.00-12.30	13.00-13.30	Green Skills for the Green Transition in the Forestry Sector. Pathways for Future-Oriented Education Prof. Dr. Carsten Mann , Eberswalde University for Sustainable Development, Germany
12.30-13.30	13.30-14.30	<i>Lunch</i>
13.30-14.00	14.30-15.00	Priority measures to support forestry education in Ukraine Prof. Dr. Sergiy Zibtsev , National University of Life and Environmental Sciences of Ukraine, Ukraine
14.00-14.30	15.00-15.30	Exploring the role of NEB in Ukraine's green recovery New European Bauhaus Dr., Assoc. Prof. Pavlo Kravets , FSC Ukraine, Ukrainian Order "Sign of Honour" Research Institute of Forestry and Forest Melioration named after G. M. Vysotsky
14.30-15.00	15.30-16.00	Ukrainian Furniture Association's support for the development of specialized higher education Valentyna Khystova , CEO, Association "The Ukrainian Association of Furniture Manufacturers"

SECTION SESSIONS

June 6, 2025

Section 1. FORESTS AND FORESTRY IN THE CONTEXT OF ENVIRONMENTAL CHALLENGES

Head of the section – Prof.Dr. Yurii Karpets, Head of the Department of Forestry and Hunting of the State Biotechnological University, Ukraine

Secretary – Dr., Associate Prof. Vitalii Nazarenko, Associate Prof. of the Department of Forest Crops, Land Reclamation and Horticulture of the State Biotechnological University, Ukraine.

	Time (CET)	Time (Kyiv)
Section work	09.00 - 11.30	10.00 - 12.30
Break	11.30 - 12.30	12.30 - 13.30
Section work	12.30 - 15.00	13.30 - 16.00

Google Meet link: <http://meet.google.com/jnp-jspm-zom>

Duration of one presentation - up to 10 min., Q&A - 5 min.

Languages - Ukrainian/English.

EXPERIENCE IN CARRYING OUT CONVERSION CUTS IN RED OAK STANDS IN THE LVIV REGION *(in Ukrainian)*

Prof.Dr., **Vasyl Lavnyy**, Vice-Rector for Research, Ukrainian National Forestry University, Ukraine

THE SHIFTING ROLE OF INDIVIDUAL BIOTIC FACTORS IN FOREST DECLINE IN THE FACE OF CLIMATE CHANGE

Prof. Dr. **Valentyna Meshkova**, Chief Researcher, Department of Entomology, Phytopathology and Physiology, Ukrainian Research Institute of Forestry and Agroforestry named after G.M. Vysotsky, Ukraine

SOCIO-ECONOMIC VALUE OF NON-TIMBER FOREST RESOURCES IN THE CONTEXT OF ADAPTATION TO ENVIRONMENTAL CHANGE *(in Ukrainian)*

Dr. Prof. **Leonid Osadchuk**, Head of the Department of Botany, Wood Science and Non-Timber Forest Resources, Ukrainian National Forestry University, Ukraine

APPLYING THE LATEST SCIENTIFIC CONCEPTS AND OWN RESEARCH IN TEACHING SPECIALISED SUBJECTS IN THE FIELD OF FOREST SUSTAINABILITY AND PRODUCTIVITY *(in Ukrainian)*

Prof. Dr. **Yurii Karpets**, Head of the Department of Forestry and Hunting of the State Biotechnological University, Ukraine

MONITORING AND CERTIFICATION OF FORESTS AS TOOLS FOR SUSTAINABLE FOREST MANAGEMENT *(in Ukrainian)*

Prof. Dr. **Volodymyr Pasternak**, Chief Researcher, Ukrainian Research Institute of Forestry and Agroforestry named after G.M. Vysotsky, Ukraine

MODERN SOCIO-ECONOMIC AND LEGAL PROBLEMS OF ECOLOGICAL TOURISM DEVELOPMENT IN THE TERRITORY OF THE FOREST FUND OF THE UKRAINIAN CARPATHIANS *(in Ukrainian)*

Prof. Dr. **Ion Dubovich**, Head of the Department of Economics, Tourism and Recreation, Ukrainian National Forestry University, Ukraine

INCREASING THE RESILIENCE OF FORESTS TO CLIMATE CHANGE AND FIRES USING SILVICULTURAL METHODS *(in Ukrainian)*

Dr., Assoc. Prof. **Oleksandr Soshensky**, Associate Prof. of the Department of Forestry, National University of Life and Environmental Sciences of Ukraine, Ukraine

STUDYING AND FORECASTING THE STATE OF FIRE DANGER IN THE FORESTS OF ZHYTOMYR POLISSYA *(in Ukrainian)*

Dr., Assoc. Prof. **Valerii Levchenko**, Assoc. Prof. of the Department of Forestry and Forest Protection, Malyn Vocational College, Ukraine

REMOTE SENSING OF LAND AS A TOOL FOR IMPROVING THE LEVEL OF TRAINING OF MASTERS IN FORESTRY *(in Ukrainian)*

Dr. **Serhii Havryliuk**, Assoc. Prof., **Stepan Myklush**, Prof. Dr. Department of Forest Taxation and Forest Management, Ukrainian National Forestry University, Ukraine

**CARBON SEQUESTRATION POTENTIAL OF NATURALLY REGROWN
PINE FORESTS OF POLISSIA IN THE CONTEXT OF EUROPEAN
INTEGRATION COMMITMENTS OF UKRAINE** *(in Ukrainian)*

Dr., Assoc. Prof. **Volodymyr Blyshchyk**, Associate Prof. of the Department of Forest Mensuration and Forest Management, National University of Life and Environmental Sciences of Ukraine, Ukraine

**INTERNATIONAL EXPERIENCE IN RESTORING DAMAGED LANDS
WITH THE PARTICIPATION OF FOREST PLANTATIONS** *(in Ukrainian)*

Dr., Assoc. Prof. **Roman Yaroshchuk**, Doctoral student, Ukrainian National Forestry University, Ukraine

HOW AI IS TRANSFORMING FORESTRY AND WOOD PROCESSING

Dr. **Maryna Kuzmenko**, Director, Petiole Ltd, United Kingdom

**MARKETING MANAGEMENT OF FORESTRY: EUROPEAN EXPERIENCE
AND UKRAINIAN PROSPECTS IN THE CONTEXT OF GREEN TOURISM**
(in Ukrainian)

Dr. **Oleksandr Moran**, Assistant Prof. of the Department of Marketing and Logistics, Ukrainian National Forestry University, Ukraine

Section 2.
**WOOD PROCESSING TECHNOLOGIES FOR GREEN RECONSTRUCTION
OF UKRAINE**

Head of the section – Dr., Associate Prof. Serhii Shevchenko, Associate Prof. of the Department of Woodworking Technologies and Systems Engineering of Forest Complex, State Biotechnological University, Ukraine

Secretary – Mariia Sosiedko, Senior Lecturer of the Department of Woodworking Technologies and System Engineering of Forest Complex, State Biotechnological University, Ukraine

June 6, 2025

	Time (CET)	Time (Kyiv)
Section work	09.00 - 11.30	10.00 - 12.30
Break	11.30 - 12.30	12.30 - 13.30
Section work	12.30 - 15.00	13.30 - 16.00

Zoom link:

<https://btu-kharkiv-ua.zoom.us/j/81032107349?pwd=8dym67hvfL1Z9IbCkz5klojXmDqn6r.1>

Conference ID: 810 3210 7349

Access Code: 792358

Duration of one presentation - up to 10 min., Q&A - 5 min.

Languages - Ukrainian/English.

POST-CONSUMER WOOD TECHNOLOGIES AS EFFECTIVE MECHANISMS FOR IMPLEMENTING THE PRINCIPLES OF A CIRCULAR ECONOMY

Prof. Dr. **Serhiy Gayda**, Professor of the Department of Furniture and Wood Products Technology, Ukrainian National Forestry University, Ukraine

FEATURES OF USING ENVIRONMENTALLY SAFE OIL MATERIALS FOR FINISHING WOOD PRODUCTS *(in Ukrainian)*

Prof. Dr. **Larysa Yaremchuk**, Professor of the Department of Furniture and Wood Products Technology, Ukrainian National Forestry University, Ukraine

PREREQUISITES FOR HIGH-QUALITY DRYING OF SAWN TIMBER PRODUCTS TO ENSURE THE EFFICIENT USE OF FOREST RESOURCES *(in Ukrainian)*

Dr., Assoc. Prof. **Andrii Spirochkin**, Head of the Department of Technology and Design of Wood Products, National University of Life Resources and Environmental Management of Ukraine, Ukraine

METHODOLOGY FOR CONDUCTING PRACTICAL ONLINE CLASSES ON NON-DESTRUCTIVE TESTING OF WOOD *(in Ukrainian)*

Dr., Associate Prof. **Serhii Shevchenko**, Associate Prof. of the Department of Woodworking Technologies and Systems Engineering of Forest Complex, State Biotechnological University, Ukraine

USE OF WOOD AND POLYMER WASTE IN THE PRODUCTION OF COMPOSITE MATERIALS *(in Ukrainian)*

Dr. **Pavlo Lyutyy**, Doctoral student, Ukrainian National Forestry University, Ukraine

AUTOMATION OF CABINET FURNITURE DESIGN AND PRODUCTION BASED ON THE ASTRA SOFTWARE PACKAGE *(in Ukrainian)*

Dr., Assoc. Prof. **Viktor Partas**, Technos LLC, Assoc. Prof. of the Department of Information Systems and Technologies, National University of Shipbuilding, Ukraine

THE POSSIBILITY OF USING BIOPOLYMERS IN PLYWOOD PRODUCTION *(in Ukrainian)*

Dr., Assoc. Prof. **Galyna Ortynska**, Assoc. Prof. of the Department of Technology of Wood Composite Materials, Pulp and Paper of the Ukrainian National Forestry University, Ukraine

DEVELOPMENT AND IMPROVEMENT OF ADAPTIVE ACCESSORIES FOR DOOR OPENING MECHANISMS *(in Ukrainian)*

Dr., Assoc. Prof. **Olena Skrypnyk**, Senior Lecturer of the Department of Woodworking Technologies and Forestry Systems Engineering, State Biotechnological University, Ukraine

**RECYCLING TECHNOLOGIES OF CONSTRUCTION DEBRIS IN THE
FACE OF WAR DAMAGE**

Yurii Bazarnyk, Postgraduate student, Ukrainian National Forestry University,
Ukraine

**WOOD WASTE MANAGEMENT TECHNOLOGIES IN THE CONTEXT OF
POST-WAR GREEN RECONSTRUCTION OF UKRAINE** *(in Ukrainian)*

Mykola Maksymiv, Postgraduate student, Ukrainian National Forestry University,
Ukraine

**GLUE-BONDED STRUCTURES MADE OF THERMAL MODIFIED WOOD
FOR GREEN RECONSTRUCTION OF UKRAINE** *(in Ukrainian)*

Adrian Kindzera, Postgraduate student, Ukrainian National Forestry University,
Ukraine

Seation 3.
CIRCULAR BIOECONOMY AND FOREST MANAGEMENT

Head of the section – Iryna Koshkalda, Prof. Dr., Head of the Department of Land Management, Geodesy and Cadastre, State Biotechnological University, Ukraine.

Secretary – Alona Riasnianska, Assoc. Prof. of the Department of Land Resources Management, Geodesy and Cadastre, State Biotechnological University, Ukraine

June 6, 2025

	Time (CET)	Time (Kyiv)
Section work	09.00 - 11.30	10.00 - 12.30
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Section work	12.30 - 15.00	13.30 - 16.00

Zoom link:

<https://btu-kharkiv-ua.zoom.us/j/83793732227?pwd=SLGbaPmgx3Xiolxagl3ehapzabD880.1>

Conference ID: 837 9373 2227

Access Code: 964139

Duration of one presentation - up to 10 min., Q&A - 5 min.

Languages - Ukrainian/English.

SYSTEMS THINKING AND COGNITIVE TOOLS FOR KNOWLEDGE SYNTHESIS IN MASTER'S TRAINING ON SUSTAINABLE FORESTRY: INTEGRATING EU AND UKRAINIAN EDUCATIONAL PRACTICES

Dr. Prof. **Lyudmyla Zahvoyska**, Professor of the Department of Economics, Tourism and Recreation, Ukrainian National Forestry University, Ukraine

FOREST WASTE AS A RESOURCE FOR SUSTAINABLE GREEN RECONSTRUCTION OF UKRAINE: ENVIRONMENTAL AND LEGAL ASPECTS *(in Ukrainian)*

Dr. **Nataliia Kendzora**, Director of the Botanical Garden, Ukrainian National Forestry University, Ukraine

MANAGEMENT OF SELF-FORESTED LAND PLOTS: PUBLIC AND LEGAL ASPECTS *(in Ukrainian)*

Sofiya Shutiak, lawyer, deputy chairman of the committee on agrarian, land and environmental law of the NBAU, candidate for the educational and scientific program of the Doctor of Philosophy in the specialty “Public Management and Administration” of the Ukrainian National Forestry University, assistant professor of the Department of Law of the Lviv University of Veterinary Medicine and Biotechnology named after S.Z. Gzhytsky, assistant professor of the Department of Civil Law and Process of the National University “Lviv Polytechnic”, Ukraine

SOCIO-ENVIRONMENTAL-ECONOMIC ASPECTS OF THE ACTIVITIES OF THE STATE ENTERPRISE "FORESTS OF UKRAINE" IN THE CONDITIONS OF REFORM OF FOREST MANAGEMENT AND FORESTRY MANAGEMENT *(in Ukrainian)*

Dr. **Pavlo Dynka**, Assoc. Prof. of the Department of Management, Ukrainian National Forestry University, Ukraine

ECOSYSTEM MANAGEMENT AS THE BASIS OF TOURISM AND RECREATION DEVELOPMENT IN THE CARPATHIAN REGION *(in Ukrainian)*

Dr. **Yuliia Shvediuk**, Assoc. Prof. of the Department of Management and Marketing, Ukrainian National Forestry University, Ukraine

APPLICATION OF GIS TECHNOLOGIES IN FOREST PLANNING AND MANAGEMENT *(in Ukrainian)*

Dr., Assoc. Prof. **Ivan Sadovyy**, Assoc. Prof. of the Department of Land Management, Geodesy and Cadastre, State Biotechnological University, Ukraine

CORPORATE SOCIAL RESPONSIBILITY OF BUSINESS AS A COMPONENT OF THE CIRCULAR ECONOMY *(in Ukrainian)*

Dr. **Nadiia Yurkiv**, Assoc. Prof. of the Department of Management, Ukrainian National Forestry University, Ukraine

GEODETIC SUPPORT FOR MONITORING FOREST ECOSYSTEMS UNDER CLIMATE CHANGE CONDITIONS *(in Ukrainian)*

Dr. **Dmytro Khainus**, Assoc. Prof. of the Department of Land Management, Geodesy and Cadastre, State Biotechnological University, Ukraine

ESG FACTORS IN FORESTRY AND THEIR INTEGRATION INTO NATIONAL FINANCIAL REGULATORY FRAMEWORKS *(in Ukrainian)*

Yaroslav Panchyshyn, Postgraduate student, Ukrainian National Forestry University, Ukraine

BIOECONOMY MODELS IN THE EU FOREST SECTOR: LESSONS FOR UKRAINE *(in Ukrainian)*

Roman Muryn, Postgraduate student, Ukrainian National Forestry University, Ukraine

POTENTIAL OF FOREST AREAS FOR THE DEVELOPMENT OF SOLIDARITY TOURISM IN THE CONDITIONS OF A CIRCULAR BIOECONOMY *(in Ukrainian)*

Oleh Koval, Postgraduate student, Ukrainian National Forestry University, Ukraine

CREATION OF VALUE CHAINS IN THE FOREST BIOECONOMY: A REGIONAL APPROACH *(in Ukrainian)*

Andrii Muryn, Postgraduate student, Ukrainian National Forestry University, Ukraine

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