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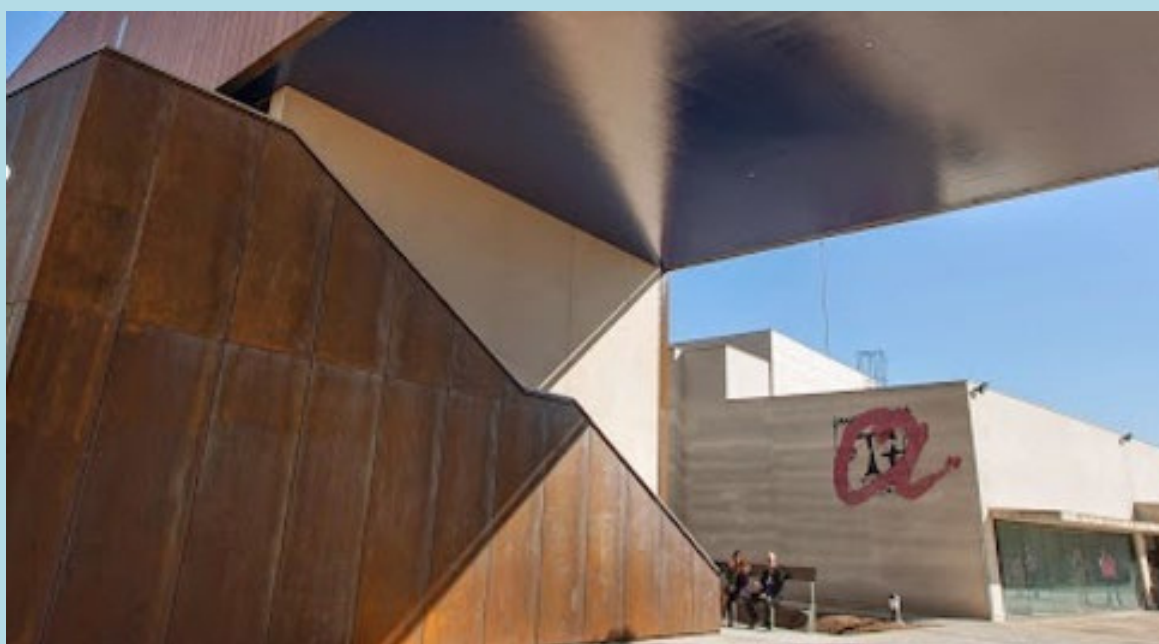


C E R T I F I C A T E

This is to confirm that

Tetyana Dyman

has attended and successfully completed
the Erasmus+ ClimEd Training (onsite/online)
Developing Skills to Use Climatic Information and Services
for Various Climate-Dependent Branches of Economy
7-25 April 2025



Erasmus+ ClimEd Project

*"Multilevel Local, Nation- and Regionwide Education and Training in Climate Services,
Climate Change Adaptation and Mitigation"*

(619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP) <http://climed.network>

Hanna K. Lappalainen
University of Helsinki

Enric Aguilar
University Rovira i Virgili

Tetyana Dyman

has been awarded three (3) credits according to the European Credit Transfer and Accumulation System (ECTS)
ClimEd Training included:

Lectures :

Lecture I. Climate Indices. Enric Aguilar

Lecture II. Developing climate indices: The Climpack App. Enric Aguilar, Anna Boqué, Jon Olano

Lecture III. GIS Applications in Climate Services. Dmytro Diadin

Lecture IV. User friendly Climate Data. Anna Boqué, Jon Olano

Lecture V. Workgroup Presentation. Anna Boqué. Jon Olano

Lecture VI. Defining Climate Needs // Recovering indices of training IV. Jon Olano, Anna Boqué

Lecture VII. Introduction to RSTUDIO. Jon Olano, Anna Boqué

Lecture VIII. Introduction to Shiny. Jon Olano, Anna Boqué

Practice I. Download Climate Data and Apply Climpack Software. Anna Boqué. Jon Olano

Practice II. Definition and operationalization of sectorial indices. Jon Olano, Anna Boqué

Practice III. Download Data and Computation of sectorial indices. Jon Olano, Anna Boqué

Practice IV. Work in groups. Functions to compute sectorial indices. Jon Olano, Anna Boqué

Practice V. Workgroup. Creating a Shiny App (supported by IA if necessary)

Obtained Competencies/ Training Learning Outcomes:

Obtained competencies, learning outcomes and skills in:

- (1) Identifying and selecting the most appropriate online sources of climate related data
- (2) Downloading, quality checking and preparing climate related data in required formats
- (3) Computing core climate indices, interpreting results in context of specific location
- (4) Understanding sectorial climate information needs and defining sectorial indicators
- (5) Identifying key climate-sensitive decisions within a selected sector of economy
- (6) Selecting climate variables and thresholds to sector's decision-making processes
- (7) Formulating and justifying climate indicators tailored to support decisions
- (8) Building basic functionalities (incl. input/ visualization/ output) of Shiny App to show climate information and sectorial indices.
- (9) Integrating climate relevant information and indicators into Shiny App to explore and interpret data for supporting informed decision-making.

ISPC-SSCGC 2025

II International Scientific-Practical Conference

“SCIENTIFIC STRATEGIES IN THE CONTEXT OF GLOBAL CHALLENGES”

CERTIFICATE of PARTICIPATION

№ 20/ 2025

We hereby certify that

Liudmyla Zahorui

Has participated successfully in the «ISPC-SSCGC 2025»

Held in Warsaw, Poland on 16th of April, 2025

Participation in the conference contributed to such competence: formation of professional skills; studying key development trends in modern politics, the economy and industrial enterprises in different branches; mastering the latest industrial technologies; mastering modern industrial equipment; training of the latest information-communication and digital technologies in the educational process.

Volume 9 academic hours (0.3 ECTS credits).

IAS

2021

<https://man.org.ua>

President of a non-governmental organization

“International Association of Scientists

Vitalii Venger





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of the European Union

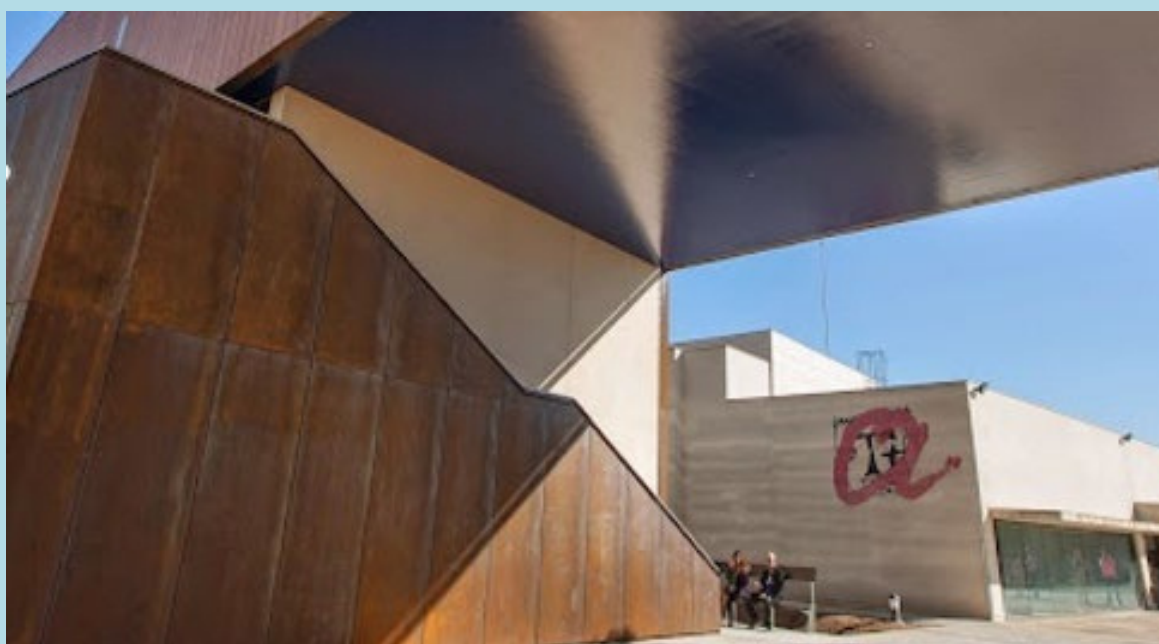


C E R T I F I C A T E

This is to confirm that

Sergiy Narizhnyy

has attended and successfully completed
the Erasmus+ ClimEd Training (onsite/online)
Developing Skills to Use Climatic Information and Services
for Various Climate-Dependent Branches of Economy
7-25 April 2025



Erasmus+ ClimEd Project

*"Multilevel Local, Nation- and Regionwide Education and Training in Climate Services,
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Hanna K. Lappalainen
University of Helsinki

Enric Aguilar
University Rovira i Virgili

Sergiy Narizhnyy

has been awarded three (3) credits according to the European Credit Transfer and Accumulation System (ECTS)
ClimEd Training included:

Lectures :

Lecture I. Climate Indices. Enric Aguilar

Lecture II. Developing climate indices: The Climpack App. Enric Aguilar, Anna Boqué, Jon Olano

Lecture III. GIS Applications in Climate Services. Dmytro Diadin

Lecture IV. User friendly Climate Data. Anna Boqué, Jon Olano

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- (6) Selecting climate variables and thresholds to sector's decision-making processes
- (7) Formulating and justifying climate indicators tailored to support decisions
- (8) Building basic functionalities (incl. input/ visualization/ output) of Shiny App to show climate information and sectorial indices.
- (9) Integrating climate relevant information and indicators into Shiny App to explore and interpret data for supporting informed decision-making.



CERTIFICATE OF COMPLETION

This is to certify that

Lesia Korol-Bezpala

of Bila Tserkva National Agrarian University

has successfully completed the international online training program

“AI Mindset in Entrepreneurial Spaces” International Training Program

held from 09/06/2025 to 18/07/2025

organized by **EIT HEI-TRAIN Project: HEI Transformation for Entrepreneurship and AI-Driven Innovation**
and hosted by Public Security Academy of the **Mykolas Romeris University, Lithuania**.

The participant has accomplished a total of **180 academic hours (6 ECTS)** and has actively engaged in the following thematic projects:

- Development of independent research following guidelines on the topic:

AI Insights into Carp Feed Efficiency

- Development of a guide for project development on the topic:

Learning Carp Nutrition: AI Student Projects

Learning Outcomes

- Understands the concepts, opportunities, and challenges related to the use of artificial intelligence in professional and educational settings.
- Able to integrate AI tools into teaching, consulting, and the development of innovative learning programs.
- Capable of data analysis and informed decision-making in management, marketing, agriculture, finance, food technologies, medicine and related fields.
- Possesses skills to develop entrepreneurial projects based on digital and AI-driven solutions.
- Demonstrates the ability to adapt educational content for the digital generation using microlearning, gamification, and visual AI tools.
- Initiates the implementation of innovative teaching and consulting methods in the context of digital transformation.
- Observes ethical standards in the use of AI technologies and data handling, particularly in academia.



Coordinator of the Project

Kateryna Polupanova

Mykolas Romeris University, Lithuania



Head of Sustainable Innovations Laboratory

Prof. D.Sc. Žaneta Simanavičienė

Mykolas Romeris University, Lithuania

Certificate No.: [TRAIN-2025-123]

Date of issue: 18/07/2025



Competencies

- Digital literacy and use of AI tools
- Entrepreneurial thinking and value creation
- Analytical thinking and data-based decision making
- Communication and presentation skills
- Pedagogical innovation and digital course transformation
- Ethical use of AI and academic integrity

Program

Activities	Hours
Info Sessions 1. AI, Entrepreneurship, and Global Transformation: Driving Innovation in the Digital Age. 2. No-code and Low-code tools in the AI economy for entrepreneurship 3. Strategic Planning and Core Values in AI-based Entrepreneurship 4. Canvas Business Model for AI ventures. MVP creation using AI tools. Business operations in digital and international markets. 5. AI Driven Strategies for Innovation and Competitive Market Positioning 6. Evaluating AI Venture Potential through Global Scaling and Analysis 7. Strategic Management in the Lifecycle of AI Start-ups 8. Corporate social responsibility in digital entrepreneurship. 9. Women in AI. Creativity and Art in the usage of AI 10. AI and VR in the Sustainable Food Industry 11. AI in the professional career of trainers	22
Test evaluation	22
Independent research. AI Quest for Innovation in Teaching and Training	40
Guest speakers and seminars. Expert Insights on AI Adoption in Entrepreneurial Practice	10
Project development. From Concept to Impact Creating AI Driven Prototypes	40
Presentation preparation and delivery	40
Round table participation. Shaping the Future with AI Sector Dialogues	6
Total hours	180

The Certificate Supplement

SZFL-003055



UNIWERSYTET
JAGIELLOŃSKI
W KRAKOWIE



Sobornist



1. Information about the certificate holder

Surname and name **Tsebro Anastasiia**
Birth date **08.06.1989**

2. General information about the event

Title: International internship Fundraising and Organization of Project Activities in Educational Establishments: European Experience

Amount: 180 hours / 6 ECTS credits

Internship period: from November 4 to December 10, 2023

Form of study: distance learning

Participant category: scientific and pedagogical workers

Learning result: development of professional competencies

Certificate issue date: December 10, 2023

Place of internship: Krakow, Poland

3. Internship organizers:

- Zustricz Foundation, 10A/26 Norimberska Str., Krakow, Republic of Poland, 30-376
- Department of Polish-Ukrainian Studies of Jagiellonian University in Kraków, 4 Wladyslaw Reymont Str., Krakow, Republic of Poland, 30-059
- Career Development Center of NGO Sobornist, temporary location 52A Sichovkyh Striltsiv Street, Kyiv, Ukraine, 02000
- Luhansk Regional Institute of Postgraduate Pedagogical Education, 52A Sichovkyh Striltsiv Street, Kyiv, Ukraine, 02000

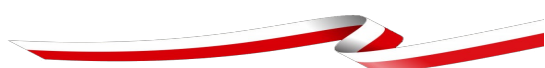
License for providing educational services: Series AF № 508622

Internship program leader:

Walery Okulich-Kozaryn, Dr. hab., MBA, Professor of the Faculty of Social Sciences and Informatics of Higher School of Business – National Louis University (Poland).

4. Professional competencies gained by the participants:

- **methodological competence:** knowledge of methodological and theoretical principles of project organization and fundraising activities in the educational establishments and the search for grants from various information resources;
- **financial and economic competence:** the ability to create an estimate of an educational project;
- **social and communicative competence:** the ability to provide one's own needs and achieve goals by creating a partnership with others, the ability to organize teamwork in an educational establishment and maintain a positive microclimate;
- **value and semantic competence:** awareness of the value of team interaction and the need to create a favorable environment for the development of creative abilities of participants in the educational process.



5. Evaluation scheme

Grade	Points	ECTS
Excellent	90-100	A
Good	83-89	B
	75-82	C
Satisfactory	63-74	D
	50-62	E
Unsatisfactory	21-49	Fx
	0-20	F

6. Detailed information about the educational components and the internship results

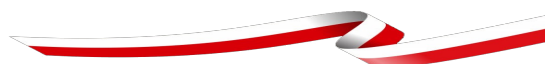
Nº	Name of the training module	ECTS credits	Hours	Points	Grade	ECTS grade
<i>THE MAIN PART</i>						
1	Project activity and new educational paradigm.	0,6	18	94	excellent	A
2	Effective fundraising.	0,6	18	92	excellent	A
3	Mini-MBA in project management.	0,4	12	93	excellent	A
4	Soft skills and teamwork: non-standard solutions of standard problems.	0,6	18	93	excellent	A
5	Project management: from the action plan to the project.	0,4	12	94	excellent	A
6	Innovations in pedagogy as a basis of project activity. Testing.	0,4	12	98	excellent	A
<i>INDIVIDUAL PART</i>						
7	Development of one's own educational project: from theory to practice. Project topic: Education, Science, Business, Innovation: Interdisciplinary Context.	3	90	95	excellent	A
Final mark		Total		94	excellent	A
		6	180			

7. Conditions for obtaining a certificate

The certificate and the certificate supplement (in electronic format) are awarded to **Tsebro Anastasiia** (SZFL-003055) who has completed 180-hour training, completed the tasks provided by the program, answered the tests (over 50% of correct answers), the educational project was prepared and defended.

Internship program leader
Dr. hab., MBA, **Walery Okulich-Kozaryn**
(Poland)

Walery Okulich-Kozaryn
Profesor WSB-NLU
w Nowym Sączu
Dr hab. Walery Okulich-Kozaryn





Ministry of Foreign Affairs
of the Czech Republic

Certificate of Completion

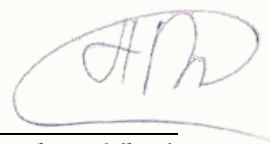
Liudmyla Zahorui

has completed a 180-hour / 6 ECTS virtual mobility at the
Czech University of Life Sciences Prague (Faculty of Tropical AgriSciences):

“Series of Lectures for Early-career Researchers by Experts, Czech University of Life Sciences Prague”

organized in the framework of the development project AgriSci-UA Platform: Strengthening Research Capacities and Deepening
Collaboration Among Ukrainian Universities in Agricultural Sciences

Certificate number: UA2025/026

Guaranteed by: 
Assoc. Prof. Ing. Hynek Roubík, Ph.D.
Faculty of Tropical AgriSciences
Czech University of Life Sciences Prague

Prague, December 24, 2025





Erasmus+

**ERASMUS+ STAFF MOBILITY FOR
TRAINING between
PROGRAMME AND PARTNER
COUNTRIES 2020-2023**

CONFIRMATION

TRAINEE

Family name	Dyman
First name	Tetyana

SENDING INSTITUTION

Name of sending institution	Bila Tserkva National Agrarian University
Erasmus ID code, PIC number	OID E10212410
Faculty/Department	Biotechnological Faculty

RECEIVING INSTITUTION

Name of receiving institution	Ceska zemedelska univerzita v Praze
Erasmus ID code, PIC number	CZ PRAHA02, PIC 999912570
Faculty/Department	Faculty of Tropical AgriSciences

This is to certify that the staff undertook the training under the Erasmus+ programme at our institution from **19/06/2023** to **30/06/2023** of the academic year 2022/2023 (12 days).

Main content of the training:

- Gender Equality - definition, history, GE index, Gender Pay Gap, inclusion and diversity
- Gender Equality in EU - EIGE, monitoring, indicators
- Gender Equality in the CR - Legal framework, GE in research and universities
- Gender Equality at HEIs and research, context of European Research Area, GE conditions of Horizon Europe Programme
- presentation and experience sharing from the Horizon Europe project AGRIGEP
- development and current status of CZU GEP, introduction of CZU GEP working group, lessons learnt
- presentation of the CZU Code of Ethics and Ethical Committee
- communication about GE, inclusion and diversity, unacceptable behaviour
- inclusion and diversity in the European University Initiative programme - experience sharing from proposal preparation

Date: 30/06/2023

Signature + stamp:

(Contact person of Receiving Institution / Institutional Erasmus+ coordinator)

CZECH UNIVERSITY OF LIFE SCIENCES PRAGUE
FACULTY OF TROPICAL AGRICULTURES
International Office
Kamýcká 129, 165 21 Prague 6-Suchbát
Czech Republic
tel.: +420 224 082 496





Food and Agriculture
Organization of the
United Nations

V I R T U A L L E A R N I N G C E N T E R S

CERTIFICATE OF PARTICIPATION

This is to certify that

Tetyana Dyman

*Participated in the online course **Climate Change Adaptation in the Livestock Sector**
organized by the **FAO Virtual Learning Centers**.*

*This course involved approximately **three and a half** hours of study time.*

16 May 2024

Madhur Dhingra
Senior Animal Health Officer

**FAO
Virtual
Learning
Centers**



CERTIFICATE



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



TETYANA DYMAN

has successfully completed the international workshop

“Standardization of Professional Development
Courses, Digital Tools, and Mutual Expertise”

held from 10 to 14 November 2025
under Erasmus+ ClimEd Project

“Multilevel Local, Nation- and Regionwide Education and Training in
Climate Services, Climate Change Adaptation and Mitigation”
619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP, <http://climed.network>



Hanna K. Lappalainen

University of Helsinki



Andrii Smiutiukh

Odesa I. Mechnikov National University

This certificate confirms the successful completion of the workshop, corresponding to two (2) credits under the European Credit Transfer and Accumulation System (ECTS).

Lectures

1. Global Warming, Greenhouse Gases, and Climate Change Indicators on Earth. Anatoliy POLEVOY
2. Water Resources of Ukraine under Current Climate Change Conditions and Future Scenarios. Nataliia LOBODA
3. Green Constitutions: Origins and Positive Effects. Tetiana TKACHENKO
4. Planetary Boundaries: Concept, Indicators, and Challenges. Inna KHOMENKO
5. Hazardous Hydrological Phenomena on Rivers under Climate Change Conditions. Valeriya OVCHARUK
6. Climate Raster Data. Dmytro DIADIN
7. Climate Change: Modeling of Possible Consequences. Valeriy KHOKHLOV
8. Climate and Non-Communicable Diseases: Emerging Risks for Public Health. Anton SHANYHIN
9. Spatial Modelling of Climate Vulnerability and Risks. Olga KHANDOGINA

Practical Workshops

1. Spatial Processing of Climate Raster Data in QGIS. Dmytro DIADIN
2. Assessment of Spatial Vulnerability of Territories to Climate Change. Olga KHANDOGINA

Round Table Discussions

1. Round Table: Joint Development and Mutual Learning among Teams
2. Round Table: Designing Courses Based on the Principles of Adult Learning (Andragogy)
3. Round Table: Unified Visual Style and Course Branding
4. Round Table: Digital Tools for Course Development and Interactive Learning

Learning Outcomes Achieved

upon successful completion of the workshop

“Standardization of Professional Development Courses, Digital Tools, and Mutual Expertise”

the participant has demonstrated the ability to:

- 1 Analyse contemporary climate change processes and their sectoral impacts, including hydrological, environmental, and public health risks, using interdisciplinary approaches.
- 2 Apply spatial and digital tools, including climate raster datasets and GIS-based methods, for the assessment of climate vulnerability and risk.
- 3 Develop and standardise professional development courses in alignment with defined learning outcomes, quality assurance principles, and adult learning (andragogical) methodologies.
- 4 Integrate unified visual identity standards, digital learning tools, and peer-review mechanisms into collaborative course development within an international academic framework.

CERTIFICATE



TETYANA DYMAN

has successfully completed the international workshop

**“From Course Development to Impact: Pathways
for Implementation and International Visibility”**

held from 19 to 23 January 2026
under Erasmus+ ClimEd Project

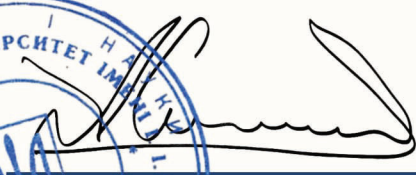
“Multilevel Local, Nation- and Regionwide Education and Training in
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619285-EPP-1-2020-1-FI-EPPKA2-CBHE-JP, <http://climed.network>




Hanna K. Lappalainen

University of Helsinki




Andrii Smiutiukh

Odesa I. Mechnikov National University



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

This certificate confirms the successful completion of the workshop, corresponding to one (1) credit under the European Credit Transfer and Accumulation System (ECTS).

Lectures

- 1 The Paris Agreement: Nationally Determined Contributions and the Global Goal. *Inna Khomenko*
- 2 Economic Aspects of Agricultural Development in Ukraine under Intensifying Climate Change. *Ruslana Zadorozhna*
- 3 Urban Adaptation Pathways to Climate Change through Green Infrastructure. *Yuliia Vashchuk, Olena Oleshko*
- 4 Prospects for the Implementation of Renewable Energy Sources. *Myroslav Malovanyi*
- 5 Sustainable Development Indicators in the Education System. *Yurii Hrinchenko*
- 6 Climate Change Litigation as a Challenge. *Andrii Smitiukh*

Round Table Discussions

- 1 From Course Development to Practical Implementation: Effective Approaches and Limitations
- 2 Mechanisms for Scaling ClimEd Courses through Global Campus and Climate University
- 3 The Role of ClimEd Educational Products in Advancing Sustainable Development
- 4 Climate Services and Communication: Turning Data into Decisions
- 5 Education for Ukraine's Post-War Recovery: The Role of the Climate Dimension
- 6 Summary of Key Results. Final Discussion. Future Collaboration

Learning Outcomes Achieved

upon successful completion of the workshop

“From Course Development to Impact: Pathways for Implementation and International Visibility”

the participant has demonstrated the ability to:

- 1 Analyse international and national climate policy frameworks (including the Paris Agreement and NDCs) and assess their implications for sectoral development and education.
- 2 Evaluate climate-related challenges and adaptation pathways across key sectors, including agriculture, urban systems, renewable energy, and environmental governance.
- 3 Design implementation and scaling strategies for professional development courses, ensuring alignment with international platforms and quality assurance mechanisms.
- 4 Integrate climate services, communication strategies, and sustainability indicators into educational products to enhance institutional impact and international visibility.
- 5 Assess the role of climate-oriented education in supporting Ukraine's sustainable and post-war recovery.

№ 26ВБ198
виданий 26.05.2026



СЕРТИФІКАТ

учасника 90-годинного курсу

«Вода і продовольство України: прикладні рішення для громад, агробізнесу та науки»

засвідчує, що

Димань Тетяна Миколаївна

успішно пройшов(ла) курс,
що тривав з 16 березня до 19 травня 2026 року

Навчальна програма курсу в Додатку до Сертифікату.

Президент
Асоціації професіоналів довкілля PAEW

Людмила Циганок

