

Achievement Certificate

"Erasmus+ KA220-HED - Cooperation Partnerships in higher education",
project: Transformational Learning Network for Resilience - Enabling
Ukrainian higher education to ensure a sustainable and robust
reconstruction of (post-war) Ukraine (TransLearnN)/ NA DAAD 2023-1-
DE01-KA220-HED-000157119.

CERTIFICATE ? 8856695961AP

THIS IS TO ACKNOWLEDGE THAT

Anastasiia

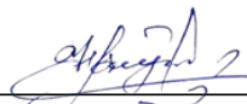
Ponomarenko

Course

Sustainable pathways and risk management in times of crises

successfully completed the interdisciplinary course
(60 hours / 2 ECTS credits) and confirmed the developed soft
skills competences during the final test.

**Date 28. April 2025
and place of signing**



Natalia Vnukova

coordinator course, D. Th. Sn, prof., Head of department of
Ecology (Kharkiv national automobile and highway
university(Ukraine)



Angela Dichte

TransLearnN Project coordinator
Eberswalde University for Sustainable Development
(Germany)

Achievement Certificate

Annex to the CERTIFICATE

Topic/developing university	Amount of time		
	Total	in particular	
		classroom/off-line classes	Individual work
Introduction. Definition of the concept of "risks". Classification of risks. / Вступ. Визначення поняття "ризиків". Класифікація ризиків Risk management of sustainable development in conditions of uncertainty / Управління ризиками сталого розвитку в умовах невизначеності /Ukrainian National Forestry University (Lviv, Ukraine)	6	2	4
Environmental risk management / Управління екологічними ризиками/ Zhytomyr Polytechnic State University (Zhytomyr, Ukraine)	6	2	4
Environmental risks from technogenic activities / Екологічні ризики від техногенної діяльності / Odesa Mechnikov National University (Odesa State Environmental University (Odesa, Ukraine)	6	2	4
Energy parameters of risks / Енергетичні параметри ризиків/StateHigher Education Institution «Pryazovskyi State Technical University» (Mariupol, Ukraine)	6	2	4

Topic/developing university	Amount of time		
	Total	in particular	
		classroom/off-line classes	Individual work
Application of a risk-based approach to build models of emergencies and their development /Застосування ризик-орієнтованого підходу для побудови моделей виникнення та розвитку надзвичайних ситуацій /National Transport University (Kyiv, Ukraine)	6	2	4
Climate change adaptation in crisis situations / Адаптація до зміни клімату в умовах кризових ситуацій /Kharkiv National Automobile and Highway University (Kharkiv, Ukraine)	6	2	4
Restoration and development of Ukraine's human potential in the context of the crisis / Відновлення та розвиток людського потенціалу України в умовах кризи./ Admiral Makarov National University of Shipbuilding (Mykolaiv, Ukraine)	6	2	4
guest lecturer 1	2	2	-
guest lecturer 2	2	2	-
guest lecturer 3	2	2	-