



# Summer School

## "Environment and civilization. GEOGRPAHY for sustainable development"

ENVIRONMENT AND CIVILIZATION.  
GEOGRPAHY FOR SUSTAINABLE  
DEVELOPMENT



27 August 2023- 2 September 2023

UNIwersYTET JUTRA II  
- zintegrowany program rozwoju Uniwersytetu im. Adama Mickiewicza w Poznaniu  
POWR.03.05.00-00-Z303/18



# About the University

Adam Mickiewicz University is the major academic institution in Poznań and one of the top Polish universities. Its reputation is founded on tradition, the outstanding achievements of the faculty and the attractive curriculum. The mission of the University is to advance knowledge through high-quality research and teaching in partnership with business, professions, public services and other research and learning providers.

**20**

Faculties

**4**

Branches

**13567**

Newly enrolled students

**32100**

Students in traditional and extramural programmes

**1168**

Doctoral students

**764**

Participants in postgraduate courses

**125**

Degree programmes

**3006**

Academic staff

**2282**

Administrative staff

**242**

Specialisations

**36**

Postgraduate courses

**241**

Science clubs

**4624**

Publications

**860**

Research projects worth over PLN 1.305 billion

**772**

International students





# Universities participating in the Summer School

- > National University of Kyiv-Mohyla Academy
- > Lesya Ukrainka Volyn National University
- > Dnipro University of Technology
- > Donbass State Pedagogical University
- > Khmelnytskyi National University
- > Petro Mohyla Black Sea State University
- > Igor Sikorsky Kyiv Polytechnic Institute
- > Ivan Franko National University of Lviv
- > Vasyl' Stus Donetsk National University
- > Lviv Polytechnic National University
- > Kherson State University
- > Sumy Makarenko State Pedagogical University
- > Taras Shevchenko National University of Kyiv
- > Hryhorii Skovoroda University in Pereiaslav
- > Vasyl Stefanyk Precarpathian National University
- > National Academy of Internal Affairs
- > Oles Honchar Dnipro National University
- > Vinnytsia Mykhailo Kotsiubynskyi State Pedagogical University
- > Chernihiv Polytechnic University
- > Odesa National University of Technology
- > Yuriy Fedkovych Chernivtsi National University
- > Pavlo Tychyna Uman State Pedagogical University
- > Zhytomyr Polytechnic State University
- > V. N. Karazin Kharkiv National University
- > H.S. Skovoroda Kharkiv National Pedagogical University





# AGENDA



UNIwersytet im. Adama Mickiewicza w Poznaniu  
Solidarity with Ukraine – University of Tomorrow

## Environment and civilization. GEOGRAPHY for sustainable development

Dębina Palace, 27.08-02.09.2023

### PROGRAM

**Sunday, 27.08.2023**

16:00- Arriving, accommodation

**Monday, 28.08.2023**

10:00-10:15 Official opening / Ms. Joanna Barszcz, Prof. Rafał Dymczyk, dr Kostiantyn Mazur  
10:15-12:00 Presentation of Adam Mickiewicz University / dr Kostiantyn Mazur  
12:00-13:00 Networking & academic team building  
13:00-14:30 Presentation of EPICUR Consortium / dr Kostiantyn Mazur  
14:30-16:00 Interdisciplinary on the own example / dr Kostiantyn Mazur

**Tuesday, 29.08.2023, Dębina Palace**

10:00-11:30 Natural environments of Poland and the regional features of Great Poland (Wielkopolska). Glacial heritage and the challenges of the Anthropocene Era. Towards sustainable development / Prof. Mirosław Makohonienko  
11:30-13:00 Man-environment relationships. Idea of sustainable development. Examples from local nature and human activity and management / Prof. Mirosław Makohonienko  
13:00-14:30 Sustainable tourism and the Great Poland natural and cultural values / Prof. Alina Zajadacz  
14:30-16:00 Field introduction to natural and cultural environment of Great Poland / prof. Alina Zajadacz

**Wednesday, 30.08.2023, Faculty of Geographical and Geological Sciences, Collegium Geographicum, Poznań**

10:00-11:30 Climate in change – global warming and its consequences in Poland and other regions of Europe. Solutions for sustainable development / Prof. Leszek Kolendowicz  
**Room 5**  
11:30-13:00 Climate and hydrology -environmental challenges; observation, measurements and discussions / prof. Leszek Sobkowiak  
**Room 5**  
13:00-14:30 Hydrological changes in times of global warming and enhanced human impact. Nature-based solutions / Prof. Leszek Sobkowiak  
**Room 5**  
14:30-16:00 Sustainable management of soil resources. Contemporary threats due to climate change and anthropopressure / Prof. Jan Piekarczyk  
**Room 22**  
20:00 Camp fire

**Thursday, 31.08.2023, Faculty of Geographical and Geological Sciences, Collegium Geographicum, Poznań**

10:00-11:30 Geoinformation systems in environmental monitoring and management / Dr Patrycja Przewoźna  
**Room 22**  
11:30-13:00 GIS in practice / Dr Patrycja Przewoźna  
**Room 22**  
13:00-14:30 Environment and culture in Poland and Ukraine. Comparative approach. Present challenges and opportunities from perspective of an Ukrainian teacher and researcher (in Ukrainian language) / Dr Oksana Valczuk-Orkusza  
**Room 5**  
14:30-16:30 Modern environmental challenges in Poland and Ukraine – a discussion: towards ecosolutions / nature-based approach, and new technological achievements in agreement with sustainable development. Outdoor activities: The Nature Reserve Żurawiniec, The "Morasko Meteorite" Reserve, The Forest Education Center in Łysy Młyn / prof. Alina Zajadacz, prof. Mirosław Makohonienko

**Friday, 01.09.2023**

10:00 Visit at the Faculty of Geographical and Geological Sciences, meeting with the Dean  
12:00-16:00 Poznań City Tour  
Departure

**Saturday, 02.09.2023**

Arriving to Ukraine

Breakfast time: 08:00-09:00;  
Lunch time: 17:30



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# Subject coordinators

Prof.

## Rafał Dymczyk

Head of the Centre for Filipino Studies and the Interdisciplinary Humanities Research Unit. An avid traveller and lecturer in tourism subjects at Adam Mickiewicz University in Poznań. For many years, he worked as a tour guide on various continents.



MA

## Joanna Barszcz

Head of the International Relation Centre at Adam Mickiewicz University, Poznań.

PhD

## Kostiantyn Mazur

A Specialist at the International Relations Centre, associated with AMU since 2017. Privately passionate in organising trips to Iceland, Ukraine, Kazakhstan and the Balkans. Enthusiast of landscape and travel photography.





# Subject coordinators

Prof.

## Mirosław Makohonienko

Director of the Institute of Geoecology and Geoinformation and head of the Anthropocene Research Unit. Member of the Scientific Council of the Earth and Environmental Sciences discipline and the Botanical Garden Council. Privately an enthusiast of mountain hiking, free diving, cycling and religious systems, particularly the Eurasian area.



Prof.

## Alina Zajadacz

Professor in the Chair of Tourism and Recreation at the Faculty of Geographical and Geological Sciences. Her research interests focus on the tourism potential of cities and regions, accessible tourism, sustainable tourism and social media and VR technology in tourism.



Prof.

## Leszek Kolendowicz

Head of the Department of Meteorology and Climatology and Director of the Institute of Physical Geography and Environmental Planning. His research interests include the impact of atmospheric circulation on selected meteorological phenomena - primarily the occurrence of thunderstorms and tornadoes and the dispersion of atmospheric pollutants.



# Subject coordinators

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Prof.

## Leszek Sobkowiak

Professor in the Department of Hydrology and Water Management and member of the Scientific Council of the Discipline of Earth and Environmental Sciences. His research interests centre on the environment, sustainable development, environmental and natural resource management, climate change and hydrological modelling.



Prof.

## Jan Piekarczyk

Head of Department of remote sensing of environment and soil science. Member of the Disciplinary Committee for Academic Teachers and the Scientific Council of the discipline of Earth and Environmental Sciences. His research interests include the environment, earth analytics, soil characterisation and agro-cultural precision.





# Subject coordinators

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PhD

## Patrycja Przewoźna

Assistant Professor in the Department of Geoinformation. Her research interests focus, among others, on environment, geostatistical analysis, sustainability, geoinformation, environmental management and environmental modelling.



PhD

## Oksana Valchuk-Orkusha

A teacher of nature and geography, she worked for more than 20 years at the Vinnytsia State Pedagogical University in Ukraine. Her professional life is closely linked to school and teaching. Privately a travel and book lover







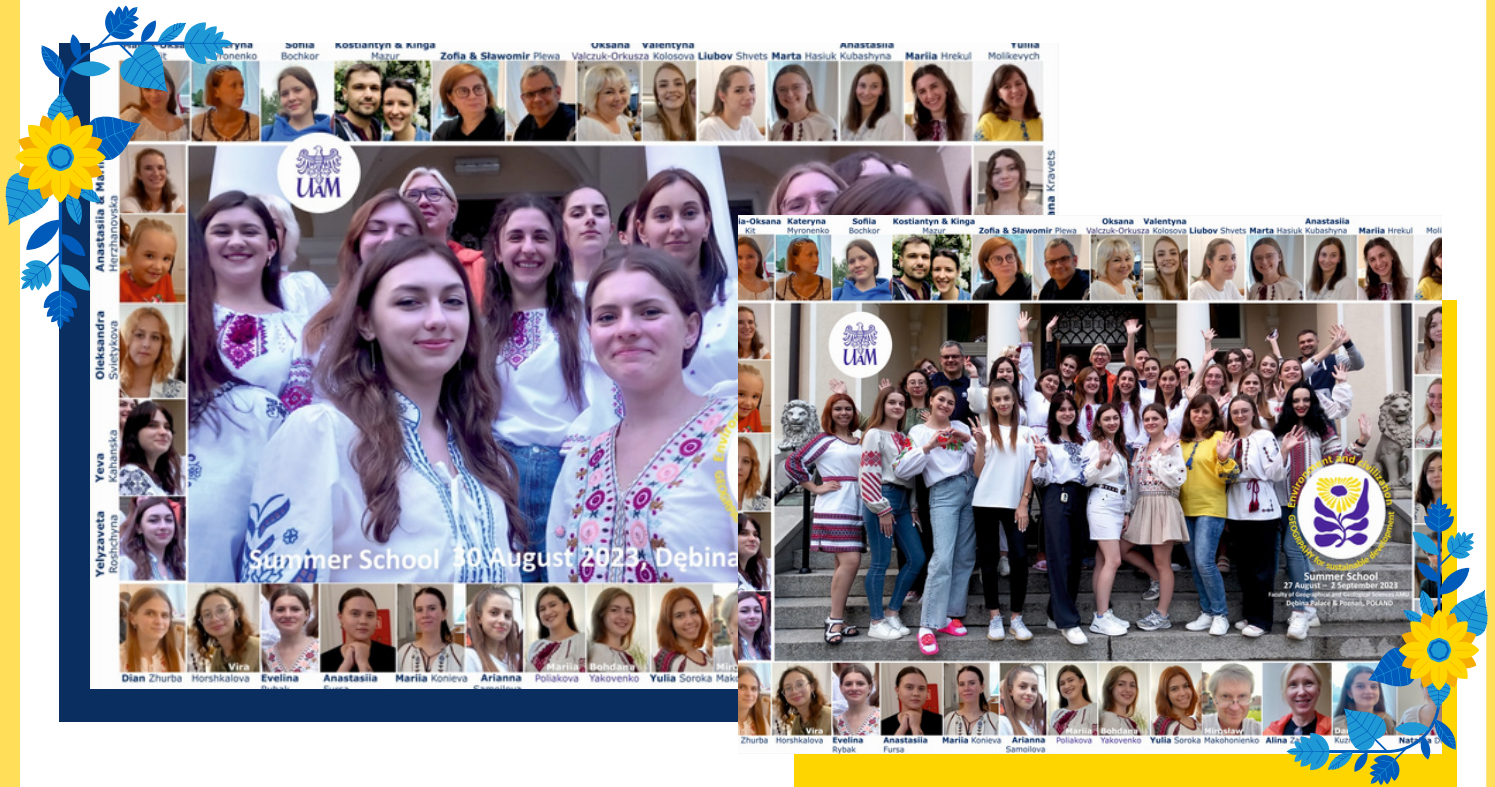
# Raport

A group of students from **26 Ukrainian universities** participated in a **summer school conducted by the staff of the Faculty of Geographical and Geological Sciences** of the Adam Mickiewicz University between **27.08-02.09.2023** as part of the project: **UNIVERSITY OF TOMORROW II - integrated programme for the development of Adam Mickiewicz University, Poznań** (POWR.03.05.00-00-Z303/18).

The summer school programme, under the motto "**Environment and civilization. GEOGRAPHY for sustainable development**" included diverse activities.



**Laboratories** (GIS in practice; Geoinformation systems in environmental monitoring and management; Sustainable management of soil resources. Contemporary threats due to climate change and anthropopressure)



**Lectures** (Natural environments of Poland and the regional features of Great Poland. Glacial heritage and the challenges of the Anthropocene Era. Towards sustainable development; Man-environment relationships. The idea of sustainable development. Examples from local nature and human activity and management; Climate in change – global warming and its consequences in Poland and other regions of Europe. Solutions for sustainable development; Climate and hydrology – environmental challenges (observation, measurements and discussions); Hydrological changes in times of global warming and enhanced human impact. Nature-based solutions; Sustainable tourism and the Great Poland natural and cultural values)





**Field workshops** (Field introduction to natural and cultural environment of Great Poland; Modern environmental challenges in Poland and Ukraine – a discussion: towards ecosolutions / nature-based approach, and new technological achievements in agreement with sustainable development. Outdoor activities: the "Morasko Meteorite" Reserve, The Forest Education Center in Łysy Młyn).

The summer school provided an excellent opportunity for those interested in Earth and environmental sciences to exchange knowledge, and experience, develop useful spatial analysis skills and inspire discussions.





**The summer school "Environment and civilization. GEOGRPAHY for sustainable development" was an unforgettable educational and intercultural experience, which will result in close cooperation between Ukrainian universities and Adam Mickiewicz University, Poznań.**

