

UNIVERSITY OF WARMIA AND MAZURY IN OLSZTYN

FACULTY OF GEOENGINEERING

INSTITUTE OF SPATIAL MANAGEMENT AND GEOGRAPHY

Department of Land Management

Department of Socio-Economic Geography

and

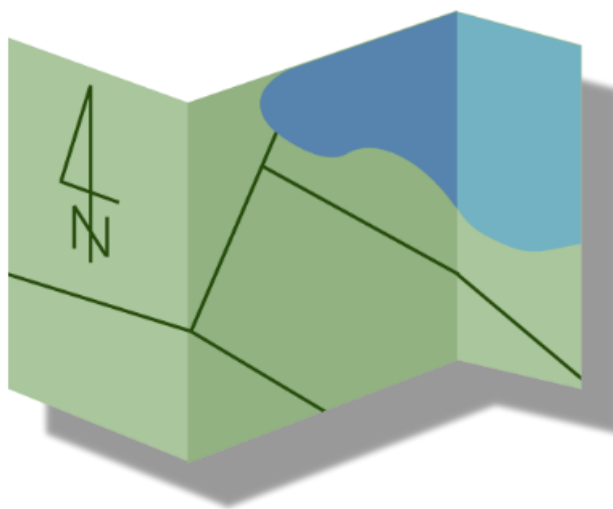
KAZIMIERZ WIELKI UNIVERSITY

FACULTY OF GEOGRAPHICAL SCIENCES

Department of Socio-Economic Geography and Tourism

4th International Conference on Water Management and its Surroundings – Modern Trends in Blue and Green Infrastructure Management

PROGRAMME



16th – 17st June 2025

1st day (16.06.2025 r.)

Venue: Kazimierz Wielki University, Faculty of Geographical Sciences

Address: Kościelecki Square 8, 85-033 Bydgoszcz

8:30-9:30 Registration

9:30-10:30 Official opening of the conference and welcome speeches of invited guests

Official greetings of participants:

- **Michał Habel**, Dean of the Faculty of Geographical Sciences and **Aleksandra Jezierska-Thöle**, Vice-Dean of the Faculty of Geographical Sciences (Kazimierz Wielki University in Bydgoszcz)
- prof. **Bernard Mendlik**, Rector of Kazimierz Wielki University
- Representative of the Voivode of Kujawsko-Pomorskie
- **Mirostaw Kozłowicz**, Vice-President of Bydgoszcz
- **Mateusz Balcerowicz**, Vice-President of Polish Waters National Water Holding for Flood and Drought Protection
- **Ewa Patalas**, Regional Director of Environmental Protection in Bydgoszcz

10:30-11:30 Session I

Chairs: Anna Klimach, Michał Habel

Agnieszka Dawidowicz, Małgorzata Dudzińska, Marta Gross (University of Warmia and Mazury in Olsztyn, POLAND) *Towards Sustainable Urban Living: A Method for Evaluating Housing Estate Attractiveness Considering Blue Infrastructure Functionality and Accessibility*

Kęstutis Zaleckis, Indrė Gražulevičiūtė-Vileniškė, Gediminas Viliūnas (Vilnius Academy of Arts, LITHUANIA), **Milda Sutkaitytė, Danielius Jurčiukonis, Mindaugas Pakalnis, Rūta Marija Slavinskaitė, Kamilė Kisieliūtė** (Construction Sector Development Agency - SSVA, LITHUANIA) *Multifunctionality and Urban Form: A Nature-Inspired Approach to Sustainability in Lithuanian Cities and Towns*

Marie Thöle, Richard Schensar (Charite University in Berlin, GERMANY) *Waterborne- diseases and water-associated diseases in Germany and Poland*

Ling He (Xi'an University of Science and Technology CHINA), **Aleksandra Jezierska-Thöle** (Kazimierz Wielki University in Bydgoszcz, POLAND) *Community-based tourism and ecotourism potential in the Wei River basin: perspectives on integrated development along a major tributary of the Yellow River*

11:30-12.00 Coffee break

12:00-13:30 Session II

Chairs: Agnieszka Dawidowicz, Dawid Szatten

[online] **Njideka Maryclara Aguome, Keone Kelobonye, Nonso Izuchukwu Ewurum** (University of Botswana, BOTSWANA) *Community Agency and the Social NPV of Eco-Tourism in Mangrove Restoration: Evidence from the Niger Delta*

[online] **Aziz Cumhur Kocalar, Can Mavruk** (Nigde Omer Halisdemir University, TURKEY) *Turkey's Agricultural Water Crisis and Solutions*

[online] **Sopio Gorgijanidze, V. Trapaidze, Z. Gulashvili, G. Jincharadze, T. Chitadze** (Georgian Technical University, GEORGIA) *Georgia's water resources for the country's sustainable economic development*

[online] **Adam Dąskocz, Jan Kuryj** (University of Warmia and Mazury in Olsztyn, POLAND) *Analysis of riverbeds changes under the influence of environmental and anthropogenic factors*

[online] **Justyna Jastrzębska** (SGGW - Warsaw University of Life Sciences, POLAND) *Fortifications and Water Systems of Warsaw – An Analysis of the Relationship Based on a Selected Fort*

[online] **Rodica Sîrbu, Vadim Cujbă** (Technical University of Moldova, MOLDOVA) *Assessment of water resources use within the Raut River basin (Republic of Moldova)*

13:30-14.45 Lunch break

14:45-16:30 Session III

Chairs: Aleksandra Jezierska-Thöle, Krzysztof Kupren

[online] **Barbara Prus, Stanisław Baciór** (University of Agricultural in Cracow, POLAND) *Land properties and their boundaries in the vicinity of watercourses and reservoirs*

[online] **Zemour Youcef** (University of Oran 2, ALGERIA) *Conceptual Model of Radionuclide Behavior and Hydrogeochemical Evolution in Major Hydrothermal Systems of Northwestern Algeria*

[online] **Daiva Petrėnaitė, Ramutė Narkūnienė, Inga Jakštonienė** (Utena Higher Education Institution, LITHUANIA) *Impact of self-propelled watercraft on lake ecosystems in the Eastern Aukštaitija region (Lithuania): a survey of holidaymakers' opinions*

[online] **Marek Walacik, Aneta Chmielewska** (University of Warmia and Mazury in Olsztyn, POLAND) *Property market tessellation - does the solution solve the problem of environmentally attractive properties valuation?*

[online] **Ewelina Idziak** (Kazimierz Wielki University in Bydgoszcz, POLAND) *Innovative FinTech Solutions for Blue Economy*

Poster session (short presentations)

Chairs: Marta Gross, Monika Kozłowska-Adamczak

Rafał Grulke (University of Lodz, POLAND) *Prospects for utilizing river flow under meandering conditions to support self-purification of river waters*

Karolina Serwach, Maciej Ziutkiewicz (University of Lodz, POLAND) *The role of the hyporheic zone in the distribution and accumulation of microplastics in the bottom sediments of a headwater stream: the case of Struga Dobieszkowska (Łódź Voivodeship, central Poland)*

Marek Józwiak (Bydgoszcz University of Science and Technology, POLAND) *Patterns of Visual Attention to Sustainable Tourism Content in Advertising Materials*

Krzysztof Kupren, Anna Hakuć-Błażowska, Tomasz Czarkowski, Konrad Turkowski (University of Warmia and Mazury in Olsztyn, POLAND) *Opportunities and limitations of diversification of fish production in earthen pond in Poland - the opinion of farmers*

Patrycja Essing-Jelonkiewicz, Alicja Gonia (Kazimierz Wielki University in Bydgoszcz, POLAND) *Tourism in Koronowo based on the revitalised area along the Brda River*

Patrycja Sieg (Bydgoszcz University of Science and Technology, POLAND) *The Role of Small Hydropower in the Green Energy Transition of the Kuyavian-Pomeranian Voivodeship: Opportunities, Limitations, and Best Management Practices*

[online] **Nuno S. A. Pereira** (Polytechnic Institute of Beja, PORTUGAL) *Synthetic aperture radar to monitor wetlands: the Danube Delta case study*

[online] **Ana Isabel Barros Pimentel Rodrigues** (Polytechnic Institute of Beja, PORTUGAL) *From Fragmentation to Integration: Applying Systems Thinking to Alqueva as a Lake-Destination Area*

[online] **Anna Goździejewska, Marek Kruk, Katarzyna Glińska-Lewczuk** (University of Warmia and Mazury in Olsztyn, POLAND) *Zooplankton as an indicator of ecosystem condition in water resource management*

[online] **Magdalena Bowszys, Rafał Gawryński** (University of Warmia and Mazury in Olsztyn, POLAND) *Wildlife tourism in the Biebrza Valley*

16:30-16:45 Coffee break

17:00-18:00 Water tram cruise

18:30/18:45 Bus transfer from the Faculty of Geographical Sciences, UKW, to 'AMW Rewita Pieczyska' holiday resort in the Koronowo Commune (Address: Wypoczynkowa Street 1, 86-010 Koronowo), with overnight accommodation included in the conference fee.

20:00 Gala dinner

2nd day (17.06.2025) Venue: Koronowo commune
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9:00-11:00 Workshop and transfer to the venue - Synagogue in Koronowo;
Address: Szkolna Street 6, 86-010 Koronowo

11:00-11:15 Official opening of the 2nd day of conference and welcome speeches of invited guests

- **Official greetings of participants**
- **Michał Habel**, Dean of the Faculty of Geographical Sciences and **Aleksandra Jezierska-Thöle**, Vice-Dean of the Faculty of Geographical Sciences (Kazimierz Wielki University in Bydgoszcz)
- **Patryk Mikołajewski**, Mayor of Koronowo Commune
- **Grażyna Chyła-Konecka**, Director of the Municipal and Communal Cultural Center in Koronowo

11:15-12:15 Session IV

Chairs: Patrycja Essing-Jelonkiewicz, Emil Andrzej Karpiński

Dawid Szatten, Marta Brzezińska, Michał Habel (Kazimierz Wielki University in Bydgoszcz POLAND) *"Dead" Brda River in Koronowo, are really a "dead" river?*

Aleksandra Jezierska-Thöle, Patrycja Essing-Jelonkiewicz (Kazimierz Wielki University in Bydgoszcz, POLAND) *The role of the river in the sustainable development of the town of Koronowo*

Agata Jelińska (Kazimierz Wielki University in Bydgoszcz, POLAND) *Quest Tourism in Revitalized Riverside Areas: A Case Study of Stary Fordon*

Anna Klimach, Elżbieta Zębek (University of Warmia and Mazury in Olsztyn, POLAND) *The Utility of Water-Based Databases in Groundwater Management: Legal and Systemic Perspectives*

Fabian Miszewski (University of Warmia and Mazury in Olsztyn, POLAND) *The potential of GIS tools in managing green infrastructure resources at the local level*

12:15-12:30 Coffee break

12:30-13:30 Session V

Chairs: Aleksandra Jezierska-Thöle, Grażyna Furgata-Selezniow

Emil Andrzej Karpiński, Andrzej Skrzypczak (University of Warmia and Mazury in Olsztyn) *Angling tourism in Poland*

Bogdan Wziątek (University of Warmia and Mazury in Olsztyn, POLAND) *The role of angling recreation in the economy of the Oder area*

Agata Pawłat-Zawrzykraj, Piotr Kaliszek (SGGW - Warsaw University of Life Sciences, POLAND) *The possibility of developing water sports and recreation in Warsaw regarding external location conditions*

Monika Kozłowska-Adamczak, Nina Paradowska, Wiktoria Grzesik, Beata Kubiak (Kazimierz Wielki University in Bydgoszcz, POLAND) *The functions and development of selected riverside areas in Bydgoszcz and the process of creating a modern "waterfront" for the tourism and recreation in the city*

13:30-15:30 A walk in the centre of Koronowo and lunch

15:30-16:30 A short trip (View of the Brda River from the narrow-gauge railway bridge in Koronowo, located near the sewage treatment works) **and return to Bydgoszcz**