



**XXX International Conference & Exhibition
Geographic Information Systems
"GIS Odyssey 2023"
4th to 8th of September 2023
Croatia: Omiš, Kaštela, Krka National Park, Split**

Patron

Ambassador of the Republic of Croatia in the Republic of Poland

Organiser

Croatian-Polish Scientific Network



Co-organiser

University of Silesia in Katowice, Poland; Military University of Technology, Warsaw, Poland; Cardinal Stefan Wyszyński University in Warsaw, Poland; Institute of Oceanography and Fisheries, Split, Croatia; AGH University of Science and Technology, Cracow, Poland; University of Warmia and Mazury in Olsztyn, Poland; Panon – Institute for Strategic Studies, Osijek, Croatia; SILGIS Association, Sosnowiec, Poland; NCPI – Law and Informatics Research Center, Warsaw, Poland

Program

Monday 4.09.2023

from 14.00 Accommodation in Hotel Brzet, Brzet Street 13, Omiš
19.00 Dinner
20.00 Registration for conference, organizational meeting

Tuesday 5.09.2023

7.30- 8.45 Breakfast
8.45-9.30 Time to walk from the Hotel Brzet to the Hotel Plaža Omiš (1,5 km)
9.30- 9.45 Opening ceremony, Hotel Plaža Omiš, Trg kralja Tomislava 6
9.45-10.15 1st session: 30 Years of GIS Odyssey
10.15-11.00 2nd session: International cooperation in the field of spatial information
11.00-11.30 Coffee break
11.30-12.30 3rd session: New solutions in spatial research
12.30-13.30 4th session: GIS for sustainable development
13.30-13.45 Discussion
13.45-14.00 Walk to the boat rental place
14.00-14.30 Travel by boat to the Kaštil Slanica Restaurant
14.30-17.00 Lunch
17.00-17.30 Travel by boat to the Center of Omiš
17.30-19.00 Free time
19.00-21.00 Dinner in Hotel Brzet

Wednesday 6.09.2023

7.30- 9.30 Breakfast
9.30-12.00 Free time – Tour of Omiš
12.00-14.00 Lunch
14.30 Departure to Kaštel Gomilica
16.00-17.00 Exhibitions in the Olive Grove:
In Memory of Davorin Kereković (the main creator and organizer of GIS Odyssey)
Shells of the World – Drawings, Photographs, Paintings – Michał Wojnar, Davorin Kereković, Magdalena Dawidowicz
17.00-19.00 5th poster session: Geoinformatics and GIS
Discussion
19.00 Dinner in Kaštel Gomilica – Traditional Dalmatian Food

Thursday 7.09.2023

7.30- 9.00 Breakfast
9.30 Departure to Skradin
12.00-16.00 6th terrain session: Krka National Park (Skradin – Skradinski buk – Skradin);
Lunch packed
16.30 Departure from Skradin to Omiš
19.00-21.00 Dinner in Hotel Brzet

Friday 8.09.2023

7.30- 9.00 Breakfast
9.30 Departure to Split, Plovput, Obala Lazareta 1 (from Hotel Brzet parking)
11.00-12.00 7th session: Legal aspects of spatial data
12.00-13.00 8th session: Challenges of geoinformation law
13.00 Closing ceremony
Farewell Lunch

Opening ceremony

OPENING OF THE CONFERENCE – *Zvonko Gržetić, Małgorzata Gajos-Gržetić*

WELCOMING CONFERENCE GUESTS: *Tomislav Vidošević, Ambassador of the Republic of Croatia in the Republic of Poland; Ivo Tomasović, The Mayor of the City of Omiš*

1st session: 30 Years of GIS Odyssey

GENESIS, ACHIEVEMENTS, CREATORS OF "GIS ODYSSEY" – *Grażyna Szpor, Małgorzata Gajos-Gržetić, Agnieszka Dawidowicz*

2nd session: International cooperation in the field of spatial information

POLISH-CROATIAN COOPERATION IN PERSPECTIVE OF POLISH-CROATIAN PARLIAMENTARY GROUP – *Tomasz Głogowski, Member of Parliament of the Republic of Poland, Chairman of the Polish-Croatian Parliamentary Group*

ABOUT CROATIAN-POLISH SCIENTIFIC NETWORK – *Zvonko Gržetić, President of the CPSN*

INTERNATIONAL SCIENTIFIC COOPERATION IN EUROPEAN DIGITAL TRANSFORMATION – *Grażyna Szpor, Vice President of the CPSN; Agnieszka Gryszczyńska, Member of the Council for Digitization – an advisory board to the Minister of Digitization*

3rd session: New solutions in spatial research

Chairman: *Agnieszka Gryszczyńska, Peter Blišťan*

NADIR & OBLIQUE AERIAL IMAGERY – NEW POSSIBILITIES IN 3D MAPPING – *Dubravko Gajski, Katarzyna Dziegielewska-Gajski, Žaneta Štefanac*

CAN GIS TOOLS BE USEFUL FOR EXPLORING CHILDREN'S SPATIAL AWARENESS? – *Agnieszka Dawidowicz, Anna Klimach*

USE OF UNIVERSAL ADDRESS TO ENSURE HIGH QUALITY DATA – *Kajetan Wojsyk, Jakub Wojsyk*

NEW SPATIAL DEVELOPMENT RULES – *Małgorzata Ganczar*

4th session: GIS for sustainable development

Chairman: *Agnieszka Dawidowicz, Dubravko Gajski*

GREEN ECONOMY AS AN OPPORTUNITY FOR DEVELOPMENT RURAL AREAS IN POLAND – A SPATIAL ANALYSIS – *Miroslaw Belej, Marta Gwiazdzińska-Goraj*

CONTEMPORARY DILEMMAS IN THE STUDY OF LANDSCAPE EVOLUTION – *Urszula Myga-Piątek*

IMPROVEMENT OF PORT INFRASTRUCTURE ON CROATIAN ISLANDS USING EU FUNDS – THE ISLAND OF BRAČ, THE PORT OF BOL – *Dora Mužinić, Srećko Favro*

THE REVITALISATION OF MONUMENTS AS A FACTOR OF SUSTAINABLE DEVELOPMENT – *Ewa Mackiewicz*

CLIMATE CHALLENGES FOR HEALTH AND THE ENVIRONMENT – ON THE NEED FOR CHANGES TO POLISH SPA LAW – *Tomasz Bojar-Fijałkowski*

Exhibitions in the Olive Grove

Chairman: *Agnieszka Dawidowicz, Małgorzata Gajos-Gržetić, Maria Styblińska*

"IN MEMORY OF DAVORIN KEREKOVIĆ"

"SHELLS OF THE WORLD – DRAWINGS, PHOTOGRAPHS, PAINTINGS – MICHAŁ WOJNAR, DAVORIN KEREKOVIĆ, MAGDALENA DAWIDOWICZ"

5th poster session: Geoinformatics and GIS

Chairman: *Anna Klimach, Tomasz Bojar-Fijałkowski, Maciej Kiedrowicz*

TLS AND LOW-COST UAV PHOTOGRAMMETRY AS AN EFFECTIVE COMBINATION OF SPATIAL DATA COLLECTION METHODS FOR CREATING DETAILED 3D SURFACE MODELS (DEM) – *Ludovít Kovanič, Peter Blišťan*

CYBER RESILIENCE STRATEGY AS A KEY ELEMENT OF BUILDING A GIS BUSINESS CONTINUITY STRATEGY/PLAN – *Maciej Kiedrowicz*

COMPARATIVE ANALYSIS OF GIS CLASS SYSTEMS – *Marzenna Miłek*

CONTROL AND AUDIT OF GIS CLASS SYSTEMS – *Jarosław Napiórkowski*

MATURITY MODELS AS BASIC TECHNIQUES FOR MEASURING THE LEVEL OF USABILITY OF A GIS CLASS SYSTEM – *Jerzy Stanik*

SCIENTIFIC AND EDUCATIONAL CENTRE OF ADVANCED GIS TECHNOLOGIES WITH A FOCUS ON SUPPORTING THE METHODS OF COMBINED AND DISTANCE EDUCATION – *Ludovít Kovanič, Peter Blišťan*

APPLICATION OF DIGITAL SPATIAL DATA WITH GIS TOOLS FOR IDENTIFICATION OF POLISH LANDSCAPES - AUDIT CASE STUDY (SILESIAN VOIVODSHIP) – *Agnieszka M. Piechota, Bartłomiej Szypuła, Urszula Myga-Piątek*

6th terrain session: Krka National Park

7th session: Legal aspects of spatial data

Chairman: *Dorota Benduch, Artur Kotowski*

EUROPEAN LEGAL REGULATION OF THE USE OF ARTIFICIAL INTELLIGENCE IN SPATIAL DATA PROCESSING – *Grażyna Szpor*

CRIMINAL LIABILITY FOR SPOOFING – *Agnieszka Gryszczyńska*

RESTRICTIONS ON ACCESS TO PUBLIC SPATIAL DATA DUE TO INTELLECTUAL PROPERTY RIGHTS – *Agnieszka Besiekierska*

DARK PATTERNS IN LOCATION BASED SERVICES – *Piotr Drobek*

USE OF THE SPATIAL DATA IN THE CREATION OF VIDEO GAMES ENVIRONMENT – INTELLECTUAL PROPERTY LAW ISSUES – *Konrad Radomiński*

8th session: Challenges of geoinformation law

Chairman: *Małgorzata Ganczar, Miroslaw Belej*

IUS OR LEX ? THE EVOLUTION OF THE CONCEPT OF LAW IN CONTINENTAL EUROPE – *Artur Kotowski*

NEW TECHNOLOGIES IN REAL ESTATE MANAGEMENT AND PROTECTION OF PRIVACY – *Dorota Benduch*

USE OF GIS IN PUBLIC TRANSPORT MANAGEMENT PROCESSES – *Krzysztof Świtata*

ROBOTIC PROCESS AUTOMATION IN GIS – *Kamil Czaplicki*