



**32<sup>nd</sup> International Conference & Exhibition  
Geographic Information Systems  
"GIS Odyssey 2025"  
1<sup>st</sup> to 5<sup>th</sup> of September 2025  
Croatia: Kaštela, Trogir, Split & Dalmatian Islands**

**Organiser**

**Croatian-Polish Scientific Network**



**Co-organiser**

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

**Program**

**Monday 1.09.2025**

from 14.00 Accommodation in Hotel Resnik, Kaštel Štafilić, Njiva sv. Petra 6  
from 18.30 Dinner  
20.00 Registration for the conference, organizational meeting, Hotel Resnik, Conference hall

**Tuesday 2.09.2025**

7.00- 9.00 Breakfast  
9.00- 9.15 Opening ceremony and official speeches  
9.15- 9.45 Presentation of the Davorin Kereković Award  
9.45-10.30 1<sup>st</sup> session: Spatial data in business and risk management  
10.30-11.30 2<sup>nd</sup> session: European Health Data Space  
11.30-12.00 Discussion  
12.00-13.00 Lunch  
13.15 Departure to Trogir (from the hotel parking lot)  
13.30-15.30 3<sup>rd</sup> session: Cultural heritage of Trogir  
15.30 Departure to Malačka  
16.00-17.00 4<sup>th</sup> session: Natural heritage of Kaštela – a view from the Malačka  
17.00 Departure to Hotel Resnik  
18.30-20.30 Dinner

**Wednesday 3.09.2025**

7.00- 8.30 Breakfast (please take an additional lunch pack)  
8.30 Departure to Kaštel Stari, New port, Obala kralja Tomislava 5a, boat "Horizont"  
9.00-18.00 5<sup>th</sup> terrain session: The richness of the Adriatic Sea and the Dalmatian Islands  
Kaštel Stari – Milna (Island Brač) – Stomorska (Island Šolta) – Kaštel Stari  
13.00 Lunch on the boat  
18.00 Departure from Kaštel Stari to Hotel Resnik  
18.30-20.30 Dinner

**Thursday 4.09.2025**

7.00- 9.30 Breakfast  
9.30-10.30 6<sup>th</sup> session and discussion: GIS in didactics and research  
10.30-11.30 7<sup>th</sup> session and discussion: Geolocalization and data protection  
12.00-13.00 Lunch  
13.15 Departure to Split  
14.00-17.00 8<sup>th</sup> session: UNESCO cultural heritage in Split  
17.00 Departure from Split to Hotel Resnik  
18.30-20.30 Dinner

**Friday 5.09.2025**

7.00- 9.30 Breakfast  
10.00-10.45 9<sup>th</sup> poster session: GIS in landscape planning and real estate management  
10.45-11.30 10<sup>th</sup> poster session: Geoinformatics and GIS  
11.30-12.00 Discussion and closing ceremony  
12.00 Farewell Lunch

## Opening ceremony

OPENING OF THE CONFERENCE – *Zvonko Gržetić, President of CPSN; Małgorzata Gajos-Gržetić, Secretary of CPSN*

WELCOMING CONFERENCE GUESTS – *Antonia Kljaić, Head of Administrative Department of Social Activities and Common Affairs, City of Kaštela*

POLISH-CROATIAN COOPERATION IN PERSPECTIVE OF POLISH-CROATIAN PARLIAMENTARY GROUP – *Tomasz Głogowski, Member of Parliament of the Republic of Poland, Vice-chairman of the Polish-Croatian Parliamentary Group, Chairman of the Parliamentary Group for UNESCO World Heritage and Historic Monuments*

## Presentation of the Davorin Kereković Award

ABOUT THE AWARD – *Małgorzata Gajos-Gržetić*

AWARD CEREMONY – *Katarzyna Trynda, Kazimierz Worwa*

Presentation of the best doctoral dissertation in which GIS tools were used or a legal solution for the use of spatial data was proposed:

THE VALUE OF UNUSED URBAN SPACES – *Agnieszka Majorek-Gdula*

## 1<sup>st</sup> session: Spatial data in business and risk management

Chairman: *Marta Czaplicka, Leon Grubišić*

JUST ENERGY TRANSITION FOR COAL-DEPENDENT SUBREGIONS IN THE SILESIAN PROVINCE – *Dorota Benduch*

PREDICTIVE CONTROLLING ANALYTICS AND STRATEGIC RISK MANAGEMENT MARINA BUSINESS IN & WITH, CASE STUDY ACI – *Ivan Peronja, Juraj Bukša, Tihomir Luković*

DOES THE FEATURE OF LOCATION ON THE FLOOR AFFECT THE MARKET VALUE OF RESIDENTIAL REAL ESTATES? – *Natalia Sajnog, Paulina Gira*

## 2<sup>nd</sup> session: European Health Data Space

Chairman: *Małgorzata Ganczar, Anna Haładyj*

CYBER RESILIENCE OF THE EUROPEAN HEALTH DATA SPACE – *Grażyna Szpor*

STRUCTURE OF CYBER THREATS IN THE HEALTH SECTOR – *Agnieszka Gryszczyńska*

THE ROLE OF SPATIAL DATA IN THE EUROPEAN HEALTH DATA SPACE – *Krzysztof Świąta*

## 3<sup>rd</sup> session: Cultural heritage of Trogir – Ana Ivica Jakić

## 4<sup>th</sup> session: Natural heritage of Kaštela – view from the Malačka

The place of remembrance for people from the Kaštela commune who died during the war of 1991-1995. The viewpoint

## 5<sup>th</sup> terrain session: The richness of the Adriatic Sea and the Dalmatian Islands

Chairman: *Urszula Myga-Piatek, Radosław Cellmer*

THE HISTORICAL SIGNIFICANCE OF THE SPLIT SEA AREA FROM DIOCLETIAN TO BEZOS – *Srećko Favro*

FISHERIES AND MARICULTURE OF THE EASTERN ADRIATIC – *Leon Grubišić*

DYNAMICS OF THE ADRIATIC SEA – *Zvonko Gržetić*

## 6<sup>th</sup> session: GIS in didactics and research

Chairman: *Milena Motewa, Kazimierz Worwa*

IMPLEMENTATION OF SERVICE LEARNING IN GIS DIDACTICS – *Katarzyna Trynda*

CHILDREN AND THEIR ABILITY TO USE MAPS – *Anna Klimach, Agnieszka Dawidowicz*

BIBLIOMETRIC ANALYSIS OF GIS RESEARCH: EXPLORING TRENDS USING THE BIBLIOMETRIX R PACKAGE – *Mirosław Belej, Radosław Cellmer*

## 7<sup>th</sup> session: Geolocalization and data protection

Chairman: *Irena Lipowicz, Agnieszka Gryszczyńska*

GEOLOCALIZATION OF EMPLOYEES AND DATA PROTECTION – *Małgorzata Ganczar, Milena Kloczkowska*

GEOLOCATION AS A CONTROL TOOL IN ENVIRONMENTAL PROTECTION LAW – *Anna Haładyj*

HOW MANY HUMAN RIGHTS IN THE AI ACT? – *Kamil Strzypek*

## 8<sup>th</sup> session: UNESCO cultural heritage in Split – Ana Ivica Jakić

UNESCO WORLD HERITAGE SITES IN POLAND – CHALLENGES IN CARE AND MANAGEMENT – *Tomasz Głogowski*

## 9<sup>th</sup> poster session: GIS in landscape planning and real estate management

Chairman: *Anna Klimach, Mirosław Belej*

NEW TERRITORY DESIGN STANDARDS FOR ARABLE LAND – *Milena Motewa, Georgi Kostadinov, Vladimir Caeriac*

PROPOSAL OF A METHODOLOGY SUPPORTING THE DEVELOPMENT OF LAND USE AND AGRICULTURAL PLANS: A CASE STUDY OF POLAND – *Anna Bielska, Mikołaj Sahajdak*

PROTECTION OF VISUAL RESOURCES – EXPERIENCES FROM THE LANDSCAPE AUDIT POLAND – *Urszula Myga-Piatek*

TOWARDS ENERGY INDEPENDENCE – SUMMARY OF THE PROJECT OF SUSTAINABLE REDEVELOPMENT OF THE PALACE IN RZUCHÓW – *Ewa Mackiewicz*

CONSTRUCTION ATTRACTIVENESS OF POLAND'S RURAL AREAS DURING THE PANDEMIC SARS COV 2 – *Monika Wesołowska, Marta Gwiaździńska-Goraj*

THE IMPACT OF ESG FACTORS ON REAL ESTATE VALUES – *Katarzyna Sobolewska-Mikulska, Przemysław Socik*

THE IMPACT OF INFRASTRUCTURE AVAILABILITY AND QUALITY ON THE DEVELOPMENT OF CYCLING TRANSPORT IN THE FUNCTIONAL URBAN AREA OF SUWAŁKI – *Marta Gross*

USE OF GIS TOOLS FOR DELIMITATION OF HISTORIC CENTERS OF SMALL CITIES – *Agnieszka Szczepańska, Katarzyna Pietrzyk*

## 10<sup>th</sup> poster session: Geoinformatics and GIS

Chairman: *Dorota Benduch, Krzysztof Świąta*

ELEVATION-ONLY VS FULL PCC MODELS – THE IMPACT ON POSITIONING – *Karol Dawidowicz*

COMPARATIVE ANALYSIS OF THE EFFECTIVENESS OF DETERMINISTIC AND RANDOM METHODS OF GENERATING A SET OF TEST CASES IN THE PROCESS OF TESTING SOFTWARE OF GIS SYSTEMS – *Kazimierz Worwa*

MANAGING SECURITY INCIDENTS IN GIS SYSTEMS: PRACTICAL APPROACHES AND STANDARDS – *Maciej Kiedrowicz, Jerzy Stanik*

DATA WAREHOUSES FOR HGIS – IDENTIFICATION OF USER REQUIREMENTS AND CONSTRUCTION OF A DATABASE – *Stefan Rozmus*

CLOUD DATA SECURITY: GIS PRACTICES AND STANDARDS – *Maciej Kiedrowicz, Jerzy Stanik*

COMPARATIVE ANALYSIS OF METHODS FOR IDENTIFYING CYBER THREATS IN GIS SYSTEMS – *Piotr Górny*

APPLICATION OF DORA STANDARDS IN OPERATIONAL RISK MANAGEMENT IN GIS SYSTEMS – *Jerzy Stanik, Maciej Kiedrowicz*

USE OF THE CAPABILITIES OF GIS SYSTEMS IN THE AREA OF CYBERSECURITY – *Marzenna Miłek*

INTEGRATION OF NATIONAL CYBERSECURITY STANDARDS WITH GEOGRAPHIC INFORMATION SYSTEMS IN THE CONTEXT OF CRITICAL INFRASTRUCTURE SECURITY MANAGEMENT – *Jerzy Stanik, Maciej Kiedrowicz*