



Săptămâna Geodeziei Românești Romanian Surveying Week



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Universitatea Tehnică de Construcții București

**Facultatea
de Geodezie**

EVENT PROGRAMME



**Academia de Stiinte
Tehnice din Romania**

**Technical Sciences
Academy of Romania**

Romanian Surveying Week, the most important event of the geodetic professional community organized by the Romanian Surveyors Union, will be hosted by Bucharest, between 23 and 26 of October. The fifth edition of the event will include the International Symposium GeoPreVi 2024, FIG Young Surveyors European Meeting and FIG Commission 9 and EGoS workshop. Topics as geodesy, surveying, cadastre, valuation and land management, local administration, GIS and other related areas, will be of interest for professionals from both private and academic sectors. We are looking forward to welcoming you in Bucharest, the capital of Romania, for the fifth edition of **Romanian Surveying Week!**



Eng.
Mircea AFRĂSINEI
President of Romanian
Surveyors Union



Prof.univ.dr.habil.
Gheorghe BADEA
Dean of the Faculty of Geodesy,
Technical University of Civil Engineering Bucharest

The Romanian Surveying Week, organized this year in Bucharest, has, along with the Romanian Surveyors Union, the **Faculty of Geodesy** from UTCB, the institution where our professional organization was founded in 1990. It is a great honor, as a faculty, to be involved in the organization of the **International Symposium GeoPreVi 2024** within the SGR. For **almost 70 years** several thousands of geodesy engineering professionals have graduated from this school. They have, through their work, served the community through skilled services, responsible ones.

Let the meeting with the occasion of this event find us all together, wherever we come from private sector, equipment/programs distributors, local administration, central authorities in the field, university centers, guests from home and abroad.



Wednesday, 23 October, 2024 – Sheraton Hotel Bucharest

Time	Event	Place
08:00 → 09:00	Participants registration	Lobby Florida Conference Room
09:00 → 10:00	Welcome Speeches Chair - Marineli DANCHEVA , Council of European Geodetic Surveyors - CLGE Young Surveyors' Representative Iaroslav ZIFCEAC , President of the Youth Commission of the Romanian Surveyors Union Keynote Speakers: <ul style="list-style-type: none"> ➤ Mircea AFRĂSINEI, President of the Romanian Surveyors Union ➤ Jean-Yves PIRLOT, Council of European Geodetic Surveyors - CLGE Director General ➤ Peter ACHE, Chair of the FIG Commission 9 „Valuation and the Management of Real Estate“ and FIG Representative ➤ Shirley CHAPUNZA, Chair FIG Young Surveyors Network (online) ➤ Cornel PĂUNESCU, University of Bucharest, Honorary President of the Romanian Surveyors Union ➤ Ionuț Cristian SĂVOIU, Secretary of State in the Ministry of Transportation and Infrastructure 	Florida Conference Room
10:00 → 10:30	Group Photo & Young Surveyors' Coffee Social	Foyer
10:30 → 11:30	Young Surveyor Grant Awarding Ceremony Chair - Cromwell MANALOTO , FIG Foundation representative (Italy) “FIG Foundation – Building a Sustainable Future” Awardees: <ul style="list-style-type: none"> ➤ Vasil DIMITROV (Bulgaria): IGSM 2024, Gravimetry, and Teaching in a year: My Journey in the Geodesy and Beyond ➤ Maria FILIP-GHERMAN (Romania): Technological Innovations: Advancing Archaeological Discoveries through Geospatial Techniques ➤ Muris MUREŠKIC (Bosnia and Herzegovina): GIS covering the Amelioration of Una - Sana Canton 	Florida Conference Room

Time	Event and Chair/Keynote Speaker (KS)	Place
11:30 → 13:00	Keynote sessions Surveyors Leading Tomorrow's Challenges Chair – Eloi TANDONNET , French Order of Land Surveyors Keynote Speakers: <ul style="list-style-type: none"> ➤ Miika KOSTAMO, Executive Director, GeoForum (Finland): "Emerging technologies and impact of those to surveying industry in Europe" ➤ Tudor SĂLĂGEAN, Dean of Forest and Cadastre Faculty, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca (Romania): Geodetic Higher Education in Romania between Past and Future. Challenges and Opportunities ➤ Wojciech OSTROWSKI, Photogrammetry & Remote Sensing - Jagiellonian University, Warsaw University of Technology (Poland): "Photogrammetry in the era of AI and technology democratization - surveyor perspective" 	Florida Conference Room
13:00 → 14:00	LUNCH	Avalon Restaurant
14:00 → 15:00	Connect with fellow European organizations (Poster session) Chair – Fie KLIVING , The Danish Association of Land Surveyors <ul style="list-style-type: none"> ➤ Young Surveyors Network poster – Shirley CHAPUNZA ➤ Council of European Geodetic Surveyors - CLGE poster - Marineli DANCHEVA ➤ Romanian Surveyors Union – Youth Commission poster - Iaroslav ZIFCEAC ➤ International Geodetic Student Organisation poster - Vasil DIMITROV ➤ Collegio dei Geometri e Geometri Laureati di Ascoli Piceno poster – Enrico DAVOLI ➤ DVW e.V. German Association for Geodesy, Geoinformation and Land Management poster - Georgia GIANNOPOULOU ➤ Konferenz der Geodäsiestudierenden poster - Leila von Rotberg 	
15:00 → 16:00	Are we equipped with the right tools? Chair – Mircea NAP , Vice-President of the Youth Commission of the Romanian Surveyors Union <ul style="list-style-type: none"> ➤ Lidija ŠPIRANEC, Product Manager/Team leader at Leica Geosystems part of Hexagon: Pure Surveying - Yesterday, Today, Tomorrow ➤ Diana Andreea Cristina MANCAȘ, GIS Specialist at ESRI Romania: Field Operations in the ArcGIS System. Collecting Data using ArcGIS Field Maps 	
16:00 → 16:30	Coffee break	Foyer

Time	Event and Chair/Keynote Speaker (KS)	Place
16:30 → 18:00	Developing the new generation of Surveyors Chair – Lisa BREDEK , Kadaster International, The Netherlands <ul style="list-style-type: none"> ➤ Enrico RISPOLI, Director of FIG Foundation and Secretary General of Consiglio Nazionale Geometri (Italy), Maria SCORZA, Head of the International Office of Consiglio Nazionale Geometria (Italy): Young Surveyors tomorrow between Environment and AI: a new way to go ➤ Angel COLLADO, FIG YSN Educational Affairs Representative, (Spain): Towards the Integration of Geomatics: An Educational and Professional Perspective ➤ Georgia GIANNOPOULOU, Publicly Appointed Surveyor in Nordrhein-Westfalen, (Germany): DVW Working Group 1: Focusing on the future of the surveying world in Germany ➤ Divyani KOHLI, Faculty of Geo-Information Science and Earth Observation (ITC) of the University of Twente (The Netherlands): Innovations in land administration using geospatial technologies 	
18:00 → 18:30	Wrap-up and Closing <ul style="list-style-type: none"> ➤ Marineli DANCHEVA, Council of European Geodetic Surveyors - CLGE Young Surveyors' Representative ➤ Iaroslav ZIFCEAC, President of the Youth Commission of the Romanian Surveyors Union 	
19:00 → 23:00	FIG YSN Social Event (Networking event sponsored by LEICA)	Hanul lui Manuc
 Thursday, 24 October, 2024 – Sheraton Hotel Bucharest		
Time	Event and Chair/Keynote Speaker (KS)	Place
09:00 → 10:30	Navigating the Complexity of Surveyor's Domain Chair – Silviu Cristian RĂDUCU , Vice-President of the Youth Commission of the Romanian Surveyors Union <ul style="list-style-type: none"> ➤ Leonardo FRANCHI, Cromwell MANALOTO, I Consiglio Nazionale Geometri (Italy): The Identity of an Italian Surveyor - a perspective on a centennial old profession ➤ Andrea van DINTEN, Rindert VOS, Kadaster International (The Netherlands): AI applications in the field of land surveying and land registration 	Florida Conference Room

- **Etienne AVELINE**, French Order of Land Surveyors (France): Land sobriety, from EU soil strategy to French surveyors' propositions
- **Paulina ZACHAR**, Doktorant w Politechnika Warszawska (Poland): Use of deep learning methods in photogrammetry and remote sensing - problems and application examples
- **Kimmo SULONEN**, Head of Unit (Tonttipäällikkö), City of Hyvinkää (Finland): The overall land use processes of Finland, examples of complexity and applications

10:30 → 11:00 **Coffee break** **Foyer**

11:00 → 12:00 **Shape our future – be involved**

12:00 → 12:30 **Closing session**

- **Iaroslav ZIFCEAC**, President of the Youth Commission of the Romanian Surveyors Union

12:30 → 13:30 **LUNCH** **Avalon Restaurant**

14:00 → 17:00 **FIG YSN Charity Event**

19:30 **Optional Dinner UGR, FIG Commission 9 and EGoS** **Bucătărașul Restaurant**



Wednesday, 23 October, 2024 – Sheraton Hotel Bucharest

Time	Event	Place
15:00 → 18:00	Participants registration	Lobby Platinum Conference Room
19:00 → 21:00	Romanian Surveying Week Welcome Cocktail	Avalon Restaurant



Thursday, 24 October, 2024 – Sheraton Hotel Bucharest

Time	Event and Chair/Keynote Speaker (KS)	Place
08:00 → 17:00	Participants registration	Lobby Platinum Conference Room
09:00 → 10:30	Opening Ceremony & Welcome Speeches Chair - Mircea AFRĂSINEI , President of the Romanian Surveyors Union Keynote Speakers: <ul style="list-style-type: none"> ➤ Radu Sorin VĂCĂREANU, Rector, Technical University of Civil Engineering Bucharest ➤ Simona BUCURA-OPRESCU, Minister of Labor and Social Solidarity ➤ Mihaela FRĂSINEANU, State Counselor in the Prime Minister Chancellery ➤ Laurențiu-Alexandru BLAGA, General Director of the National Agency for Cadastre and Land Registration (ANCP) ➤ Anca GINAVAR, Director General, Directorate General for Territorial Development, Ministry of Development, Public Works and Administration ➤ Ionuț Cristian SĂVOIU, Secretary of State in the Ministry of Transportation and Infrastructure ➤ Peter ACHE, Chair of the FIG Commission 9 ➤ Jean-Yves PIRLOT, CLGE General Director ➤ Adrian Ioan POPA BOCHIȘ, President of ANEVAR 	Platinum Conference Room

- **Alexandru BADEA**, President of SRFT
- **Dan MANOLESCU**, President of the Romanian Union of Liberal Professions
- **Valeriu Manolache**, President of APCGC
- **Iulian OFFENBERG**, Section X - Petroleum, Mining Engineering and Geonomy of Romanian Academy of Technical Sciences
- **Dumitru PRUNARIU**, Romanian astronaut
- **Mihnea ANGHENI**, Public Notary - UNNPR

10:30 → 10:45 **Starting Exhibition - Group Photo session** **Lobby Platinum Conference Room**

- **Mircea STOIAN**, Administrator GAUSS
- **Mircea AFRĂSINEI**, President of the Romanian Surveyors Union
- **Gheorghe BADEA**, Dean, Faculty of Geodesy, Technical University of Civil Engineering Bucharest

10:45 → 11:00 **Coffee break** **Foyer**

11:00 → 12:00 **Keynote speakers' presentation – Plenary session** **Platinum Conference Room**

Geodata, Real Estate Market Observation and Valuation

Chair – Ionuț Cristian SĂVOIU, Secretary of State in the Ministry of Transportation and Infrastructure

Keynote Speakers:

- **Peter ACHE**, Chair of FIG Commission 9: The FIG – Concept of Transparency in Real Estate Markets
- **Hans NEUNER**, Technical University Wien: Current Challenges in Engineering Geodetic Research
- **Jean-Yves PIRLOT**, CLGE General Director: CLGE, working for the profession. How CLGE supports smart regulation across Europe

12:00 → 13:00 **LUNCH** **Avalon Restaurant**

13:00 → 15:00 **Sponsors presentations – Plenary session** **Platinum Conference Room**

Chair – Alina Nicoleta POPESCU, Heveco Ploiești

Keynote Speakers:

- **S.C. SURVEY TOPO SOLUTIONS S.R.L.** Cluj-Napoca - **David PĂVĂLOAIA**
- **S.C. HEVECO S.R.L.** Ploiești - **Alina Nicoleta POPESCU**
- **S.C. CORNEL & CORNEL TOPOEXIM S.R.L.** București - **Anca PĂVĂLOIU**
- **S.C. KOMORA ENGINEERING S.R.L.** București - **Cosmin DRAGOMIR**

- **S.C. GAUSS S.R.L.** Timișoara - **Daniela MORCOV**
- **S.C. EDIT SHOP & BUSINESS (LA ORIZONT) S.R.L.** Timișoara - **Andrei NOHAI**
- **S.C. TOP GEOCART S.R.L.** București - **Mihai AVĂDANEI**
- **S.C. CADWARE S.R.L.** București - **Brândușa PÂRLOG**
- **S.C. GISCAD S.R.L.** Arad - **Cătălin JOIȚA**

15:00 → 15:15 **Coffee break** **Foyer**

15:15 → 16:45 **Round Table - Economic Cadastre** **Platinum Conference Room**

Chair – Adrian Ioan POPA BOCHIȘ, President of ANEVAR

Keynote Speakers:

- **Peter ACHE**, Chair of FIG Commission 9
- **Aliona GRĂDINARU**, Vice President of the Romanian Surveyor Union, South-East region
- **Ioan BERCU**, Prime Vice-President of ANEVAR

15:00 → 15:15 **Coffee break** **Foyer**

17:00 → 18:30 **Round Table – PNCCF** **Platinum Conference Room**

Chair – Mircea AFRĂSINEI, President of the Romanian Surveyors Union

Keynote Speakers:

- **Laurențiu-Alexandru BLAGA**, General Director of the National Agency for Cadastre and Land Registration (ANCP)
- **Victor Adrian GRIGORESCU**, Deputy Director, National Center of Cartography
- **Cosmin DRAGOMIR**, Vice-President of the Romanian Surveyors Union, Bucharest-Ilfov region
- **Valeriu SÎRGHII**, Public Institution “Real Estate Cadastre” (IPCBI), Republic of Moldova

18:30 → 19:00 **Meet your SPONSOR (UGR Grants)** **Platinum Conference Room**

Chair – Vlad PĂUNESCU, Executive Secretary of the Romanian Surveyors Union

19:30 **UGR, FIG Commission 9 and EGoS dinner** **Bucătărașul Restaurant Bucharest**



Time	Event and Chair/Keynote Speaker (KS)	Place
08:00 → 12:00	Participants registration	Lobby Platinum Conference Room
09:00 → 10:30	FIG Commission 9 & EGoS session Valuation, Transparency and the use of Geodata & Round Table Chair – Peter ACHE , Chair of FIG Commission 9 <ul style="list-style-type: none"> ➤ Ana-Maria OLTEANU-RAIMOND: The Potential of Volunteered Geographic Information to build and update Geographic Databases ➤ Nikolaos ZACHARIAS, EGoS: The role of the surveyors in the Real Estate market ➤ Malgorzata RENIGIER-BILOZOR, Artur JANOWSKI, Peter ACHE: Transforming Property Valuation: AVM Models, AI Innovations, and Similarity Assessments 	Platinum Conference Room
10:30 → 11:00	Coffee break	Foyer
11:00 → 12:00	Round Table - Academic and Private Stakeholders: Current Challenges Chair – Prof.Habil.PhD.eng. Ana-Cornelia BADEA , Director of the Doctoral School, UTCB Prof.Habil.PhD.eng. Tudor SĂLĂGEAN , Dean, Faculty of Forest and Cadastre, USAMV Cluj-Napoca	Platinum Conference Room
12:00 → 13:00	LUNCH	Avalon Restaurant
13:00 → 15:00	GeoPreVi Technical Sessions 1 – Plenary session GIS Applications Fit for Purpose & Current Challenges in AI, AR/VR, ML, DL Chair – Lect.PhD.Eng. Loredana Mariana CRENGANIS , Assist.Prof.PhD.Eng. Anca Patricia GRĂDINARU <ol style="list-style-type: none"> 1. Anna KARAPETYAN, Vahagn MURADYAN: The Use of GIS in Land Management 2. Arif Cagdas AYDINOGLU, Suleyman SISMAN: Investigating Performance Improvement of Machine Learning-Based Mass Valuation Models with Spatially Constrained Multivariate Clustering Algorithm: A Case Study of Istanbul and Kocaeli, Türkiye 3. Suleyman SISMAN, Arif Cagdas AYDINOGLU: Examining Machine Learning Techniques to Improve the Accuracy of Mass Valuation Prediction on Big Geographic Data: A Case Study of Tuzla, Istanbul 4. Abdullah Ugur TOPAL, Suleyman SISMAN, Arif Cagdas AYDINOGLU: Designing Open-Source Web-Based Dashboard for 2D/3D Geospatial Data Management in Smart Cities: Real Estate Management Platform 	Platinum Conference Room

5. **Anca ENE**, **Ana Cornelia BADEA**, **Gheorghe BADEA**, **Anca Patricia GRĂDINARU**: CAD, GIS and BIM Integration and Management of Geospatial Data
6. **Ana-Maria OLTEANU-RAIMOND**: From Indirect Georeferencing to Direct Spatial Referencing: An Application to Locate Mountain Emergency Calls
7. **Loredana Mariana CRENGANIS**, **Ana-Maria OLTEANU-RAIMOND**, **Maximilian DIAC**: Geospatial Data Management for Measuring Evolution of Territory: an Open Science Approach
8. **Aurelian Stelian BUDA**, **Norbert SUBA**, **Sorin NISTOR**, **Alexandra Paula AVRAM**: Registration of Restricted Plots in the Land Register - Cadastre Premises of 3D
9. **Daniel DRĂGAN**, **Ana Cornelia BADEA**, **Gheorghe BADEA**: Integrating Data from Multiple Sources for Analyzing the UAT Limit in the Coastal Zone using GIS Software
10. **Nicoleta BOBIRCEA**, **Paul-Daniel DUMITRU** - GIS Technologies for Urban Area Management
11. **Ana Cornelia BADEA**, **Gheorghe BADEA**, **Anca Patricia GRĂDINARU**, **Anca ENE** - A Review of GeoAI Possibilities
12. **George CRISTIAN**, Automatic Extraction of Street Furniture Objects from Panoramic Images collected by Mobile Mapping Systems
13. **Gabriel-Ionuț DOROBANȚU**, **Ana-Cornelia BADEA**: Web GIS and Cloud Computing for Defense Decision Making

- 13:00 → 15:00 **GeoPreVi Technical Sessions 2** **Florida Conference Room**
Geospatial Technologies – Support for Development
Chair – Assoc.Prof.PhD.Eng. Livia NISTOR-LOPATENCO,
Lect.PhD.Eng. **Andrei Șerban ILIE**
1. **Alexandra HROLOVICI**, **Nichita CATARAU**, **Livia NISTOR-LOPATENCO**: The Rational and Comprehensive Use of Subsoil for Meeting the Needs of the Economy of the Republic of Moldova
 2. **Livia NISTOR-LOPATENCO**, **Vitalie DILAN**: Long-Term Land Cover Changes Monitoring in The Protected Areas from the Middle Prut Meadow During 1990–2024 Period using Machine Learning Techniques and RS Data
 3. **Cornel PĂUNESCU**, **Florentina-Cristina MERCIU**, **George-Laurentiu MERCIU**: UAV as a Support Tool in the Field of Cultural Heritage
 4. **Elena-Aurora BONEA**: Bioremediation process management using ALS technologies, GIS solutions and OS software
 5. **Andrei-Iulian STOICA**, **Andrei Șerban ILIE**, **Emil Alexandru ALEXANDRESCU**: Creating Digital Photogrammetric Products from Data Acquired Using Kinematic GNSS Methods
 6. **Aurel SĂRĂCIN**: A Navigation Retrospective
 7. **Aurel SĂRĂCIN**: The Current Trends in Navigation
 8. **Dumitru BOTNARU**, **Vasile MUNTEAN**, **Ana VLASENCO**, **Livia Nistor-LOPATENCO**: Comparative Analysis of Geodetic Surveys for Volume Determination

9. **Pietro GRIMALDI:** International Training Summer School by COIFA
10. **Lucia-Melania IONESCU, Andrei Șerban ILIE, Marin PLOPEANU:** Mathematical Model for Processing Two-Dimensional Geodetic Networks Using Classical and Satellite Technologies
11. **Tiberiu RUS, Valentin DANCIU, Andrei ILIE, Marin PLOPEANU:** The First GPS Permanent Station in Romania on 25th Anniversary
12. **Tiberiu RUS, Andrei ILIE:** GNSS Augmentation Systems and Positioning Concepts in Romania

15:00 → 15:30

Coffee break

Foyer

15:30 → 17:30

GeoPreVi Technical Sessions 3

Platinum Conference Room PII

Engineering Surveying for the Built Environment

Chair – Assoc.Prof.PhD.Eng. **Constantin CHIRILĂ**,
Assoc.Prof.PhD.Eng. **Aurel Florentin Cătălin NEGRILĂ**

1. **Ana-Maria LOGHIN, Valeria-Ersilia ONIGA, Constantin CHIRILĂ:** Potential of Very High Resolution Satellite Imagery for Large-Scale 3D Mapping Purposes
2. **Aurel Florentin Cătălin NEGRILĂ:** 3D Measuring, 3D Modelling, 3D Printing
3. **Constantin CHIRILĂ, Valeria Ersilia ONIGA, Ana-Maria LOGHIN, Bogdan RUSU:** Visibility Analysis of the Geodetic Network Coverage for Monitoring Hydraulic Structures within the Stânca-Costești Hydrotechnical Node
4. **Valeria-Ersilia ONIGA, Bogdan BOROIANU, Ana-Maria LOGHIN, Ana LAZĂR, Mihaela MACOVEI:** New Hand-Crafted PPK Device for Measuring Topographic Details on the Field for Cadastre Works without the Use of Ground Control Points
5. **Doina VASILCA:** The Influence of the Projection Plane Altitude on the Distortions in Oblique Double Conical Map Projections
6. **Eugeniu ȚIGANU, Vasile GRAMA, Ana VLASENCO, Livia NISTOR-LOPATENCO:** The Study of the Degree of Silt Sedimentation in the Public Reservoirs of the Republic of Moldova
7. **Neculai AVRAMIUC, Claudia Mădălina BREBEUȚĂ, Stela BĂLAN:** Technical Aspects of Spatial Data Preparation within the Marine Administration System as Support for the Sustainable Development of the Blue Economy
8. **Paul SESTRĂȘ, Ioana POP, Tudor SĂLĂGEAN, Florica MATEI, Emanuel ȘUBA, Silvia CHIOREAN, Mircea NAP, Simion BRUMA, Cătălin SABOU:** Augmenting Conventional Land Surveying for Technical Documentations with UAV Outputs and GIS Spatial Analysis
9. **Maria OVDII, Livia NISTOR-LOPATENCO, Efim ZUBCO:** Digital transformation and innovation in the Republic of Moldova

15:30 → 17:30

GeoPreVi Technical Sessions 4

Florida Conference Room

Ideas Hub – Student Presentations

Chair – Lect.PhD.Eng. **Anca Maria MOSCOVICI**,
Lect.PhD.Eng. **Daniela RĂBOJ**

1. **Alina-Andreea MEȘTERU, Andrei Șerban ILIE, Cătălina CRISTEA:** Monitoring Constructions Behavior Using Spatial Geodetic Technologies
2. **Paul OBRADOVICI, Nicolae MIU, Andrei ILIE, Marin PLOPEANU:** The Influence of Obstacles on Distance Measurements Made with a Reflector
3. **Nicolae MIU, Paul OBRADOVICI, Andrei Șerban ILIE, Marin PLOPEANU:** The Influence of Obstacles on Reflectorless Distance Measurements
4. **Marius-Daniel BAN, Daniela RĂBOJ:** Estimating the Market Value of the Land and Separately, the Building, of a Real Estate Property Designated for Office Space
5. **Alexandru-Șerban TOACĂ, Doina VASILCA:** Analysis of Several Map Georeferencing Methods
6. **Andrei-Cristian MILITARU, Andrei Alexandru STANCIU AVASILOAEI, Ana Cornelia BADEA, Gheorghe BADEA:** Managing Geospatial Cadastral Data in GIS
7. **Raul Alexandru MOAZENI, Andrei Șerban ILIE, Marin PLOPEANU:** Study on the Influence of Reference Data on the Processing of Geodetic Monitoring Networks
8. **Nichita CATARAU, Alexandra HROLOVICI, Ana VLASENCO:** Processing of Geodetic Measurements in Planimetric Traverses
9. **Alexandra PÎNZARIU, Daniela RĂBOJ:** The Influence of ESG Factors on the Evaluation Report
10. **Vladimir IORDACHE, Cătălina CRISTEA:** The Temporal Evolution, Dynamics and Current Status of Pharmacies in Sibiu County Using Free GIS Resources
11. **Alexandru BORCA, Iulia OLTEANU, Lucian DRAGOMIR, Cosmin Alin POPESCU, George POPESCU, Mihai Valentin HERBEL:** GIS tools for campus map – Case Study University of Life Science „King Mihai I” from Timișoara

15:30 → 17:30

UGR National Council Round Table - Profession Law

Platinum Conference Room PI

Chair – **Mircea AFRĂSINEI**, President of the Romanian Surveyors Union

17:30 → 18:00

Closing & Awards Ceremony

Platinum Conference Room PI

19:30

GALA Dinner

Iridium Ballroom

ORGANIZING COMMITTEE

Presidency

Prof.Habil.PhD.eng. Radu Sorin Văcăreanu – Rector, Technical University of Civil Engineering Bucharest, Romania

Prof.Habil.PhD.eng. Gheorghe Badea – Dean of the Faculty of Geodesy, Technical University of Civil Engineering Bucharest, Romania

Eng. Mircea Afrăsinei – President of Romanian Surveyors Union, Romania

Prof.PhD.eng. Petre Iuliu Dragomir – Vice President of the Romanian Surveyors Union, Romania

Prof.Habil.PhD.eng. Ana-Cornelia Badea – Vice President of the Romanian Surveyors Union, Romania

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Lect.PhD.eng. Doina Vasilca - Technical University of Civil Engineering Bucharest, Romania

Lect.PhD.eng. Vlad Păunescu – Executive Secretary of the Romanian Surveyors Union, Romania

PhD Student eng. Iaroslav Zifceac – President of the YS Commission, Romanian Surveyors Union, Romania

Communication Coordinators

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Marina Laura Cocu - Romanian Surveyors Union, Romania

Secretary General

Eng. Aliona Grădinaru - Romanian Surveyors Union, Romania

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Lect.PhD.eng. Tudorel Silviu Clinci – Technical University of Civil Engineering Bucharest, Romania

Lect.PhD.eng. Daniela Răboj – Technical University of Civil Engineering Bucharest, Romania

Lect.PhD.eng. Loredana Crenganiș – “Gheorghe Asachi” Technical University of Iași, Romania

Lect.PhD.eng. Andrei Șerban Ilie - Technical University of Civil Engineering Bucharest, Romania

Eng. Mihnea Mitache – Vice President of the Romanian Surveyors Union, Romania

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Assoc.Prof.PhD.eng. Cristian Tereșneu – Transilvania University of Brașov, Romania

Assoc.Prof.PhD.eng. Gabriel Bădescu – University of Craiova, Romania

Organizers

Romanian Surveyors Union (UGR)

Faculty of Geodesy - Technical University of Civil Engineering Bucharest

Co-Organizers

FIG - International Federation of Surveyors

FIG Commission 9

European Group of Surveyors (EGOS)

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