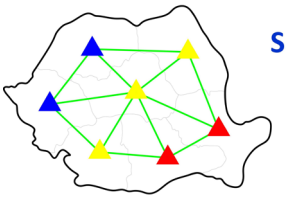
INNOVATION AND SUSTAINABILITY IN CONSTRUCTION, GEODESY, CADASTRE AND LAW



Săptămâna Geodeziei Românești
Romanian Surveying Week

CHISINAU, REPUBLIC OF MOLDOVA | 11 – 14 NOVEMBER 2026

EVENT PROGRAMME

UGR

UNIVERSITATEA TEHNICĂ A MOLDOVEI

Save the PLANET!
Certificate upon request at the Registration Desk, or e-mail office@ugr.ro
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THANK YOU!

Dear colleagues,

Year after year, Romanian Surveying Week stands as the most important gathering of our professional community. It is a place where experience meets innovation, where open dialogue sparks new ideas, and where knowledge is shared for the advancement of our entire profession.

This year, we have the pleasure and honor of organizing this event in Chișinău, in partnership with the Technical University of Moldova, through the Faculty of Civil Engineering and Geodesy.

The choice of this location sends a powerful message: surveying knows no boundaries. The values of our profession, our responsibility to society, and our desire for professional development unite us across administrative, geographical, and institutional borders.

We live in times of rapid technological change, and professional challenges are becoming increasingly complex. In this context, our strength lies in unity, collaboration, and mutual respect among professionals, educators, researchers, students, and representatives of public and private institutions. Only together can we strengthen the standing of geodesy, raise the level of professional competence, and promote quality standards that meet the demands of modern society.

I urge you, during these times, to look beyond our individual concerns and reconnect with the shared values that define this profession. Let us come together, build partnerships, share knowledge, and foster the spirit of a united and strong community.

The future of surveying depends on each of us. It depends on our ability to stay connected, to uphold professional excellence, to invest in education and research, and to instill in future generations a respect for this profession, which is essential to the development of the society.

Thank you for your commitment, professionalism, and the contribution each of you makes to the development of Romanian surveying.

I wish you all a Romanian Surveying Week filled with inspiration, constructive dialogue, and new opportunities for collaboration.

Together we are stronger. Together we are building the future of geodesy.



Eng. **Mircea AFRĂSINEI**
President of Romanian Surveyors Union

Distinguished guests, partners, friends, esteemed colleagues, and dear students!

It is my great honor and sincere pleasure to welcome you to the Technical University of Moldova (UTM) on this important scientific occasion of the Romanian Geodesy Week 2026 and the International Symposium ConsGeoCad, held in Chișinău from 11 to 14 November 2026.

This major scientific event, held under the theme “Innovation and Sustainability in Construction, Geodesy, Cadastre and Law”, brings together a wide community of national and international experts from civil engineering, geodesy, cadastre, real estate valuation, law, spatial planning and public administration, agriculture, GIS, and other related fields. It is organized and hosted by the Faculty of Civil Engineering and Geodesy of UTM, which serves as the main academic coordinator of this scientific initiative.

The presence of such a diverse community of national and international experts is a strong testimony to the relevance and growing importance of interdisciplinary cooperation in addressing today’s scientific and societal challenges.

In the Republic of Moldova, the Faculty of Civil Engineering and Geodesy within UTM remains the only higher education institution that trains specialists in these interconnected domains. We are proud of our mission to educate and prepare highly qualified professionals who contribute to the development of sustainable infrastructure, modern spatial planning, and innovation in land management and related fields.

We warmly welcome all participants and encourage active engagement in the discussions, presentations, and networking activities of this scientific event. We are confident that these exchanges will significantly contribute to the advancement of knowledge and to the emergence of new avenues for research, professional cooperation, and international collaboration.

We greatly look forward to welcoming you to the academic community of Technical University of Moldova, with sincere wishes for every success and a most pleasant and enriching stay in the Republic of Moldova, in Chisinau, and within our University.

Yours sincerely,



Prof.PhD.habil. **Viorel BOSTAN**
Rector of the Technical University of Moldova



"Future-Ready Young Surveyors: Bridging AI, Innovation, and Sustainability"

Wednesday, 11 November, 2026 – Faculty of Civil Engineering and Geodesy, Chișinău, Study Block 10

Time	Event and Chair/Keynote Speaker (KS)	Place
08:00 → 09:00	**Participants registration**	Lobby – Study Block 10
09:00 → 10:00	**Welcome Speeches**	10 – 309
	Chair - Iaroslav ZIFCEAC, President of the Youth Commission of the Romanian Surveyors Union **Speakers:** Keynote Speakers: ➢ **Sergiu BEJAN,** Dean of the Faculty of Civil Engineering and Geodesy, Technical University of Moldova (Moldova) ➢ **Ivan DANII,** General Director, Agency for Geodesy, Cartography and Cadastre of the Republic of Moldova (Moldova) ➢ **Mircea AFRĂSINEI,** President of the Romanian Surveyors Union (Romania) ➢ **Michalis KALOGIANNAKIS,** FIG Elected President (Greece) ➢ **Jean-Yves PIRLOT,** CLGE General Director (Belgium) ➢ **Marcus SCHMITT,** Chair FIG Young Surveyors Network (video)(USA) ➢ **Viorel POPA,** Associate Professor, Ph. Dr. ing., Vice rector TUCEB (Romania)	
10:00 → 10:30	**Group Photo & Young Surveyors' Coffee Social**	**Caffeteria 10 – 102 & 10 – 129**
10:30 → 11:30	*Keynote sessions* *Bridging Today and Tomorrow: The Future of Surveying*	10 - 309

Time	Event and Chair/Keynote Speaker (KS)	Place

Chair – Rindert VOS, Dutch Kadaster (The Netherlands)

- **Michalis KALOGIANNAKIS,** FIG Elected President: Beyond GeoAI: The Irreplaceable Role of the Surveyor in Building Resilient Societies
- **Constantin OSOIANU**, Agency for Geodesy, Cartography and Cadastre of the Republic of Moldova: Geospatial Infrastructure as National Capacity: Moldova's Path from Reference Networks to Decision-Ready Data

11:30 → 13:00 — ***Young Surveyor Grant Awarding Ceremony*** — 10 – 309

Chair – Alina KHOPTAR, Research Institute of Geodesy, Topography and Cartography, public research institution (Czech Republic)

- **Irem YURDAY:** From the Sofa to the Table: Shaping Sustainable Cities with Data
- **Arkadiusz DOROŻ:** UAV Data for Spatial Analysis in Land Consolidation: Supporting Planning and Improving Efficiency
- **Adela-Maria NEAG:** An Unexpected Journey, One Coordinate at a Time
- **Ines AKRAP:** Spatial Data & Innovation: My Journey
- Borislav PETROV: My Story: From the Classroom to the Construction Site
- **Olha HROMOVA:** More Than Coordinates: My Story as a Future Surveying Engineer and My Research in Forest Monitoring
- **Edvard MYLLÄRI:** Exploring the Field: Lessons, Hands-on Experiences, and Future Visions of a Surveying Student from Finland

13:00 → 14:00 — **LUNCH** — **Caffeteria 10 – 102 & 10 – 129**

14:00 → 15:00 — ***Technical Session 1*** — 10 – 309

Technology in Action: The Future of Surveying

Chair – Muris MUREŠKIĆ, Ministry of Construction, Spatial Planning and Environmental Protection of Una-Sana Canton, BiH

- **Roman PRONIN,** Leica Geosystems (Kazakhstan): Innovations by Leica Geosystems for Capturing the World
- **Kengo OKADA,** CEO, RIPRO Corporation (Japan): Japanese Survey Marker! Integrate Eco and Information Technology

Time	Event and Chair/Keynote Speaker (KS)	Place
15:00 → 16:00	***Technical Session 2*** ***Surveying Across Europe: Voices from the Profession*** **Chair – Iaroslav ZIFCEAC,** President of the Youth Commission of the Romanian Surveyors Union **Country snapshots: on surveying education, professional practice, tools and emerging changes** **Netherlands – Rindert VOS, Alex KNIP** **Bosnia & Herzegovina – Muris MUREŠKIĆ** **Italy – Leonardo FRANCHI, Pasquale GIOVANNELLI** **Türkiye – Irem YURDAY** **Poland – Arkadiusz DOROŻ** **Romania – Adela-Maria NEAG** **Czech Republic – Alina KHOPTAR** **Croatia – Ines AKRAP** **Bulgaria – Vasil DIMITROV, Borislav PETROV** **Ukraine – Olha HROMOVA** **Finland – Edvard MYLLÄRI** **France – Eloi TANDONNET** **Portugal – Pedro VILAR** **Moldova – Nichita CĂTĂRĂU**	10 – 309
16:00 → 16:30	**Coffee Break**	**Caffeteria 10 – 102 & 10 – 129**
16:30 → 17:30	***Technical Session 3*** ***One Profession, Many Dimensions*** **Chair – Silviu-Cristian RĂDUCU,** Vice-President the Youth Commission of the Romanian Surveyors Union ➤ **Alina KHOPTAR,** Research Institute of Geodesy, Topography and Cartography (Czech Republic): AI Will Not Replace Surveyors – But It Will Change How We Survey ➤ **Muris MUREŠKIĆ,** Ministry of Construction, Spatial Planning and Environmental Protection of Una-Sana Canton (Bosnia & Herzegovina): Multi-Criteria GIS Modelling: Automated Identification of Census Properties and Resolving 73-Year-Old Systemic Discrepancies ➤ **Leonardo FRANCHI,** CNG – National Council of Italian Surveyors (Italy): National Recovery and Resilience Plan (NRRP): A Case Study of the City of Montorio al Vomano ➤ **Pedro VILAR,** Ordem dos Engenheiros (Portugal): Inspiring the New Generation for Earth Observation – A Special Mission for a Young Surveyor	10 – 309

Time	Event and Chair/Keynote Speaker (KS)	Place
17:30 → 18:00	***What Is Next? – Session 1*** ➤ **Celine BUISSON ROSVOLD,** Norwegian Mapping Authority: FIG Young Surveyors 2027 in Norway	10 – 309
19:00 → 23:00	**FIG YSN Social Event (powered by Leica)** **Winery tour, wine tasting and networking; departure from university at 18:00, return transfer at 23:00**	**Château Cojușna**

Thursday, 12 November, 2026

Time	Event and Chair/Keynote Speaker (KS)	Place
09:30 → 12:10	**Optional:** Romanian Surveying Week – ConsGeoCad Cybercor, 168, Ștefan cel Mare Bldv. **Opening Ceremony and Welcome Speeches, transfer to Study Block 10, exhibition opening and group photo**	
12:10 → 13:00	**LUNCH**	**Caffeteria 10 – 102 & 10 – 129**
13:00 → 14:00	**From Young Surveyors to Future Leaders** **Chair – Vasil DIMITROV** ➤ **Alexandra HROLOVICI (Moldova):** Development of a Smart GIS-Based Management System for Urban Green Spaces ➤ **Ioana-Andreea GOTHARD (Romania):** UAS Data Acquisition and Photogrammetric Processing for an Urban Pilot Area in Timișoara: Assessing the Influence of DSM Resolution on Rooftop Geometry ➤ **Nichita CĂTĂRĂU (Moldova):** Generation and Validation of a Digital Elevation Model from PlanetScope Stereo Imagery: The Case of the Dubăsari Reservoir, Republic of Moldova ➤ **Bartłomiej EŹLAKOWSKI (Poland):** Identification and Assessment of Spatial Conflicts Using Geodata and Public Participation	10 – 302
14:00 → 15:00	**What Is Next? – Session 2 / Wrap-up** ➤ **Eloi TANDONNET (France): FIG Young Surveyors 2027 in France** **Closing discussion and wrap-up**	10 – 302

"Innovation and sustainability in Construction, Geodesy, Cadastre and Law"

International Symposium

Wednesday, 11 November, 2026

Time	Event	Place
19:00 → 21:00	**Welcome Cocktail**	**SALAT Restaurant, 36 Dacia Blvd.**

Thursday, 12 November, 2026 – Technical University of Moldova, Study Block 1 & Study Block 10

Time	Event and Chair/Keynote Speaker (KS)	Place
08:00 → 11:00	**Participants registration**	**Lobby Cybercor, 168, Ștefan cel Mare Blvd.**
09:30 → 11:00	***Opening Ceremony & Welcome Speeches***	Aula Magna Cyercor

Chair – Mircea AFRĂSINEI, President of the Romanian Surveyors Union

Keynote Speakers:

- **Eduard MONAICO,** Habilitated Doctor, Senior Researcher, Vice-Rector for Research and Doctoral Studies, Technical University of Moldova (Moldova)
- **Ivan DANII,** General Director, Agency for Geodesy, Cartography and Cadastre of the Republic of Moldova (Moldova)
- **Radu-Codruț ȘTEFĂNESCU,** President General Director of the National Agency Agency of Cadastre and Land Registration (Romania)
- **Veaceslav ȘIPTICA,** Ministry of Infrastructure and Regional Development (Moldova)
- **Ionuț Cristian SĂVOIU,** Secretary of State in the Ministry of Transportation and Infrastructure (Romania)
- **Radu Sorin VĂCĂREANU,** Rector of the Technical University of Constructions, Bucharest (Romania)
- **Svetlana DOGOTARU,** Deputy Mayor, Chișinău City Hall (Moldova)
- **Michalis KALOGIANNAKIS,** FIG Elected President (Greece)
- **Jean-Yves PIRLOT,** CLGE General Director (Belgium)
- **Adrian IEPURE,** President of the Moldavian Surveyors Union (Moldova)
- **Cornel PĂUNESCU,** Vice-President of PATROCAD (Romania)

- **Valeriu MANOLACHE,** President of APCGC (Romania)
- **Cătălin-Daniel FENECHIU,** President, Romanian Union of Liberal Professions (Romania).
- **Olga CATARAGA,** Director of the National Center for Forensic Expertise (Moldova)

11:00 → 11:50 **Commuting to Study Block 10, Faculty of Civil Engineering and Geodesy, 41 Dacia, blvd.**

11:50 → 12:10 ***Starting Exhibition – Photo session*** **Lobby Study Block 10**

- **Adrian IEPURE,** President of the Moldavian Surveyors Union
- **Cornel PĂUNESCU,** Vice-President of PATROCAD (Romania)
- **Valeriu MANOLACHE,** President of APCGC (Romania)

12:10 → 13:00 **LUNCH** **Caffeteria 10 – 102 & 10 – 129**

13:00 → 15:00 ***Keynote speakers' presentation – Plenary session*** 10 – 309

Chair – Prof.Habil.PhD.eng. Ana-Cornelia BADEA, Faculty of Geodesy, Technical University of Civil Engineering Bucharest, Romania

Keynote Speakers:

- **Jean-Yves PIRLOT,** General Director CLGE: EGSAct, the European Geodetic Surveyors Act - a white paper on Geodesy in Europe
- **Peter ACHE,** Chair FIG Commission 9: Data, Trust, and Value – What we need for AI transforming Cadastre and Real Estate Markets into an Information-System for the public
- **Merdan Törehan TURAN,** Turkey: Phase Change Materials for Smart Energy Management in Buildings: Recent Advances and Future Perspectives
- **Rodica SÎRBU,** Technical University of Moldova: Methodology for crop mapping in the context of IACS implementation in the Republic of Moldova
- **Reha Metin ALKAN, Serdar EROL, Bilal MUTLU, Beyza CİHAN:** Positioning Performance of GNSS Receivers in Smartwatches

15:00 → 15:30 **Coffee Break** **Caffeteria 10 – 102 & 10 – 129**

15:30 → 16:30 ***Sponsors presentations – Plenary session*** 10 – 309

Chair – Alina Nicoleta POPESCU, Heveco Ploiești

- **S.C. CORNEL & CORNEL TOPOEXIM S.R.L.** București – **George MERCIU**
- **S.C. HEVECO S.R.L.** Ploiești – **Cosmin ROTARU**
- **S.C. KOMORA S.R.L.** Călărași – **Sabrina RANETE**
- **S.C. CART ENGINEERING S.R.L.,** Chișinău – **Adrian IEPURE**

Time	Event and Chair/Keynote Speaker (KS)	Place
16:30 → 17:30	***Round Table*** ***Harmonization of Moldovan Professional Standards in Geodesy with European Standards and Requirements*** **Chair – Ionuț Cristian SĂVOIU,** Secretary of State in the Ministry of Transportation and Infrastructure (Romania) Keynote speakers: ➤ **Ivan DANII,** General Director, Agency for Geodesy, Cartography and Cadastre of the Republic of Moldova ➤ **Adrian IEPURE,** President of the Moldavian Surveyors Union ➤ **Michalis KALOGIANNAKIS,** FIG Elected President/**Peter ACHE**, FIG elected Vice President ➤ **Jean-Yves PIRLOT,** CLGE General Director ➤ **Mircea AFRĂSINEI,** President of the Romanian Surveyors Union/**Cornel PĂUNESCU**, Vice-President of PATROCAD	10 – 309
17:30 → 18:30	**YS Meet your Sponsor**	10 - 309
19:00	UGR, FIG Dinner	La Taifas Restaurant, 20B Pușkin Street, Chișinău

Friday, 13 November, 2026

Time	Event and Chair/Keynote Speaker (KS)	Place

SECTION – CADASTRE

09:30 → 11:00 **Technical Sessions 1** **10 - 232**

Chair – Prof.Habil.PhD.eng. Tudor SĂLĂGEAN, Dean, Faculty of Forest andCadastre, USAMV Cluj-Napoca, Romania

1. **Ana Cornelia BADEA, Gheorghe BADEA, Livia Nistor LOPATENCO, Orhan ERCAN:** Understanding LADM in the GeoAI Era: Foundations, Interoperability and Institutional Trust
2. **Cornelia ȘOIMU, Livia NISTOR-LOPATENCO, Alexandru PANTAZ:** Completing the development of the real estate cadastre in the Republic of Moldova: the new state programme 2026–2028
3. **Alexandru FĂRÎMĂ, Livia NISTOR-LOPATENCO:** Three-dimensional (3D) cadastre in the Republic of Moldova. from international standards to functional implementation
4. **Oleksandra KOSTYSHYN, Myroslava SMOLIARCHUK:** Comprehensive Spatial Development Plan of a Territorial Community as a New Planning Instrument in Ukraine: Implementation Experience after 2020
5. **Cristina POGONȚU, Livia NISTOR-LOPATENCO:** The State of the Art and Future Perspectives of the Automated Information System “State Water Cadastre” in the Republic of Moldova

11:00 → 11:30 **Coffee break** Caffeteria 10 – 102 & 10 – 129

11:30 → 13:00 **Technical Sessions 2** **10 - 232**

Chair – Assoc.prof.PhD.dipl.Eng. Norbert-Szabolcs ȘUBA, University of Oradea, Romania

1. **Ludmila CIUGUREANU, Efim ZUBCO:** Land resources – a foundation for sustainable development: challenges, risks, and protection solutions
2. **Cornelia ȘOIMU, Efim ZUBCO:** Modernization of the cadastral information infrastructure in the Republic of Moldova: from the conceptual framework to the implementation of an interoperable architecture
3. **Efim ZUBCO, Olga BUZU, Vasile ŞORONGA:** Multifunctional real estate cadastre: key characteristics and global trends
4. **Rodica SIRBU, Ala OBERST:** Learning Analytics as a Monitoring Tool in Higher Technical Education
5. **Pietro GRIMALDI, Gabriela POPESCU, Adina HORABLAGA:** XVIII International Training Summer School (XVIII ITSS)

13:00 → 14:00 **LUNCH** Caffeteria 10 – 102 & 10 – 129

Time	Event and Chair/Keynote Speaker (KS)	Place

SECTION – GEODESY, TOPOGRAPHY, CARTOGRAPHY, REMOTE SENSING, PHOTOGRAMMETRY, GIS

09:30 → 11:00 **Technical Sessions 1** **10 – 309**

Chair – Professor Habil.PhD.eng. Ersilia Valeria ONIGA, Vice Dean, "Gheorghe Asachi" Technical University of Iași, Romania

1. **Valeria-Ersilia ONIGA, Anca-Alina CRISTACHE, George-Catalin MALES, Mihaela MACOVEI, Dan PADURE:** Automated DBH Estimation from Handheld Mobile Laser Scanning Data with a Total-Station-Based Validation Network
2. **Nicoleta Alina POPESCU, Marius GEORGESCU, Daniel DUNEA:** Spatio-Temporal Monitoring of Mountain Grasslands' Resilience and Grassland Productivity Using UAV Data and Anthropogenic Pressure Indicators
3. **Mihaela MACOVEI, Valeria-Ersilia ONIGA, Horațiu Iulian HOGAȘ, Dan PĂDURE:** Optimizing Cadastral Surveys Through the Combined Use of Topographic, GNSS, and Photogrammetric Measurements
4. **Tiberiu RUS, Valentin DANCIU, Constantin MOLDOVEANU:** Geodetic Infrastructure along the Romanian Danube as Support for Geospatial Products
5. **Ștefania GRAUR, Bogdan RUSU, Constantin CHIRILĂ:** Integration of EGMS InSAR Data and Geometric Levelling Observations for Estimating Vertical Displacements at the Stânca-Costești Hydrotechnical Complex
6. **Arkadiusz DOROŻ, Dawid DURAZIŃSKI:** Use of Unmanned Aerial Vehicles in Surveying Works Related to Land Consolidation

11:00 → 11:30 **Coffee break** **Caffeteria 10 – 102 & 10 – 129**

11:30 → 13:00 **Technical Sessions 2** **10 – 309**

Chair – Associate Professor, PhD.Eng. Constantin CHIRILĂ, "Gheorghe Asachi" Technical University of Iași, Romania

1. **Doina VASILCA:** Localization in Cartographic Design
2. **Maximilian DIAC, Constantin-Octavian ANDREI, Loredana Mariana CRENGANIȘ, Dan PADURE:** Evaluation of Galileo HAS PPP Corrections in Moldova, Romania: Convergence Times and Positioning Accuracy
3. **Loredana-Mariana CRENGANIȘ, Constantin STOIAN, Ana-Maria LOGHIN, Julien PERRET, Juste RAIMBAULT, Ana-Maria OLTEAU-RAIMOND:** From Semantic Building Extraction to Collaborative Validation: Reference Data for Urban Densification Analysis in Iași, Romania
4. **Oleksandr BOCHKO, Roman STUPEN, Pavlo KOLODIY:** Restoration of the geodetic network in the territory of Ukraine using GNSS, UAVs, and Artificial Intelligence methods

5. **Martha Ștefania AFRĂSINEI, Gabrielÿ-Eduarddo ROGOJINĂ, Ana-Cornelia BADEA:** Topographic Survey for the Redevelopment of a Central Urban Intersection of National Roads with Heavy Traffic
6. **Vlada ȘLEPAC, Alexandra HROLOVICI, Ana VLASENCO:** Spatial Analysis of Protected Cultural Heritage in the Republic of Moldova Using Geographic Information Systems

13:00 → 14:00 **LUNCH** **Caffeteria 10 – 102 & 10 – 129**

14:00 → 15:30 **Technical Sessions 3** **10 – 309**

Chair – PhD.eng. Ancuța NEAGU, Technical University of Civil Engineering Bucharest, Romania

1. **Cornel PĂUNESCU, George-Laurențiu MERCIU, Adrian CÂRÂC, Vlad PĂUNESCU, Florentina-Cristina MERCIU:** GIS-Based Analysis of Industrial Heritage in Bucharest: Spatial Distribution, Vulnerabilities and Valorisation Opportunities
2. **Vasile GRAMA, Catalin GHECIU, Catalina ȘIȘCANU:** Contributions to the Development of a Geoinformation Application for the Assessment of Water Bodies
3. **Maria OVDII, Livia NISTOR-LOPATENCO, Rodica SÎRBU:** Geospatial Data Management in the Republic of Moldova
4. **Iasmina-Maria JURESCU, Clara-Beatrice VÎLCEANU, Ioan Sorin HERBAN:** Using Tapestry Platforms for Digital Documentation of Geospatial Heritage – Case Study: The Metropolitan Cathedral of Timișoara
5. **Dan-Radu BÂRDAN, Maria-Roberta JIANU:** From Point Clouds to Structural Insights: An Integrated GNSS and Laser Scanning Approach for Historical Roof Assessment

15:30 → 15:50 **Coffee break** **Caffeteria 10 – 102 & 10 – 129**

15:50 → 17:10 **Technical Sessions 4** **10 – 309**

Chair – Assist.Prof.PhD.Eng. Loredana-Mariana CRENGANIȘ, "Gheorghe Asachi" Technical University of Iași, Romania

1. **Ioana CHIRIAC, Igor SIRODOEV, Livia NISTOR-LOPATENCO, Ana VLASENCO:** Methodological Risks of Integrating Large-Scale Topographical Maps and Heterogeneous Remote Sensing Data for Half-Century Land Use Change Detection: A Case Study of Anenii Noi, Căușeni, and Ștefan Vodă Districts
2. **Ion CREȚU, Livia NISTOR-LOPATENCO:** Current State of the Development of a Quasigeoid Model for the Territory of the Republic of Moldova
3. **Antonina MOSKALENKO, Taras IEVSIUKOV:** Spatial Analysis and Prioritization of Epizootic Risks Under Location Uncertainty: A GIS-Based Study of Historical Anthrax Foci in Vinnytsia Region, Ukraine

4. **Ion POPA, Livia NISTOR-LOPATENCO, Ana VLASENCO:** Creation and Systematic Verification of a Local Geodetic Control Network Using Global Navigation Satellite System (GNSS) Real-Time Kinematic (RTK) and Total Station Methods
5. **Ion CIOCANU, Efim ZUBCO, Livia NISTOR-LOPATENCO:** Topo-Geodetic Assurance of the Residential Complex in Bălți Municipality, Senaia Street, No. 2

Time	Event and Chair/Keynote Speaker (KS)	Place

SECTION – REAL ESTATE VALUATION AND DEVELOPMENT IN THE CONTEXT OF INNOVATION AND SUSTAINABILITY

09:30 → 11:00 **Technical Sessions 1** **10 – 335**

Chair – Liliana JITARI, Faculty of Civil Engineering and Geodesy, Technical University of Moldova, Moldova

1. **Svetlana ALBU, Ion ALBU:** Sustainable development of real estate: international benchmarks, implementation mechanisms and priorities for the Republic of Moldova
2. **Nadejda JOSANU:** Modernization of the property mass valuation system in the Republic of Moldova: the role of cadastral and spatial data in ensuring accurate and transparent valuation
3. **Florentin GHEORGHIEȘ:** Valuation in the digital property ecosystem
4. **Buzu Olga, Revetchi Veaceslav:** The role of profesional valuers associations in shaping the property valuation market in the Republic of Moldova
5. **Mariana BEJENARU:** Implementation of the system for evaluating the performance and technical condition of structures in the Republic of Moldova and its impact on the value of real estate assets.

11:00 → 11:30 **Coffee break** **Caffeteria 10 – 102 & 10 – 129**

11:30 → 13:00 **Technical Sessions 2** **10 – 335**

Chair – Doina-Cezara ALBU, Faculty of Civil Engineering and Geodesy, Technical University of Moldova, Moldova

1. **Iuliana BOSTAN, Maria GRIȚCAN:** The importance of built heritage in the sustainable development of the Republic of Moldova
2. **Anna LEȘAN , Iuliana Damian:** The impact of government policies and sustainable development programs on the evolution of the residential real estate market in the Republic of Moldova
3. **Liliana JITARI, Maria-Liliana MARIAN:** Updating the regulatory framework for the valuation of residential and commercial properties în the Republic of Moldova
4. **Doina-Cezara ALBU:** ESG performance of modular residential

construction in Moldova
5. **Grigore VASCAN:** the impact of construction enterprise certification on the national economy

13:00 → 14:00 **LUNCH** Caffeteria 10 – 102 & 10 – 129

14:00 → 15:30 **Technical Sessions 3** 10 – 335

Chair – Maria-Liliana MARIAN, Faculty of Civil Engineering and Geodesy, Technical University of Moldova, Moldova

1. **Doina-Cezara ALBU, Iulia BIHOVSCAIA:** Integration of local bio-based materials into residential sustainability assessment: regulatory gaps and market opportunities in Moldova
2. **Vladimir BORODIN:** The transition of the construction sector in the Republic of Moldova towards nearly zero-energy buildings
3. **Sergiu TUZLUCOV, Ion ALBU:** Optimization of industrial real estate management through energy efficiency
4. **Sergiu TODOROȘCEAN, Ion ALBU:** Integrated model for sustainable real estate development in the Republic of Moldova: an economic, multi-criteria approach to project evaluation

15:30 → 15:50 **Coffee break** Caffeteria 10 – 102 & 10 – 129

SECTION – CIVIL AND ENVIRONMENTAL ENGINEERING

09:30 → 11:00 **Technical Sessions 1** 10 – 119

Chair – Associate Professor Ph.Dr. Ion CREȚU, Technical University of Moldova

1. **Anatolie TARANENCO, Viorica ȚIBICHI:** Multi-Risk Analysis Of Soil–Structure Interaction Under Dense Urban Reconstruction Conditions
2. **Flavius-Florin PAVAL, Ilie BRICICARU, Valeria-Ersilia ONIGA, Diana-Ioana BECHERU, Daniel LEPADATU:** Innovative Approaches To Road Infrastructure Safety Assessment: Challenges Emerging Technologies And Future Perspectives
3. **Merdan Törehan TURAN, Akif ÇAPRAZ:** The Impacts Of Sustainable Building Materials On Economic Growth And Environmental Sustainability: A Literature Review
4. **Vera GUŢUL, Dionisie BEŢ, Vasile LEU, Alexandr SOCOLIUC:** Regulatory And Environmental Aspects Of Refrigerant Use In Air-Conditioning Systems Under Law No. 43/2023 On Fluorinated Greenhouse Gases
5. **Eduard ȚIBICHI:** Digitalisation Of Technical Education. Digital Tools In The Training Of Construction And Geodesy Professionals
6. **Arcadie IGNATOV, Elena SIDORENCO:** Optimization Of Reinforcement In Retaining Walls Under Seismic Conditions

11:00 → 11:30	**Coffee break**	**Caffeteria 10 – 102 & 10 – 129**

11:30 → 13:00 **Technical Sessions 2** **10 – 119**

Chair – University Lecturer Merdan Törehan TURAN, Alanya Alaaddin Keykubat University, Türkiye

1. **Alexandru CIRLAN, Vladimir POLCANOV, Alexandru RÂȘCOVOI, Alina POLCANOVA:** Predictive Mapping Of Geological Hazards For Investment And Construction Projects In Rural Areas
2. **Natalia BEGLEȚ, Elena NICOLAEV, Livia LEANCA:** Circular Economy In The Operation Of Heat Pumps In The Republic Of Moldova: Energy And Environmental Assessment
3. **Viorica ȚIBICHI, Tatiana MOLDOVAN:** Influence Of Foundation Displacements On The Apex Area Of Pitched Cambered Glulam Beams
4. **Evgheni CUTIA:** Vulnerability Curves For Masonry Buildings Using The Risk-Ue Empirical Approach
5. **Igor CEBAN, Eduard MONAICO, Ramona CIMPOESU, Loredana JUDELE, Daniel LEPADATU:** Nanomaterials And Recycled Aggregates In Cementitious Mortars: State Of The Art, Preliminary Investigations And Future Directions
6. **Ion IVANOV, Ion CREȚU:** Analysis Of The Efficiency Of Using High-Strength Concrete (Hsc) In High-Rise Building Structures

13:00 → 14:00	**LUNCH**	**Caffeteria 10 – 102 & 10 – 129**

14:00 → 15:30 **Technical Sessions 3** **10 – 119**

Chair – University Lecturer Ph.Dr. Evgheni CUTIA, Technical University of Moldova

1. **Livia LEANCA, Natalia BEGLET, Elena NICOLAEV:** Heating Load Assessment And Sizing Of The Active Surface Of Thermally Activated Concrete Slabs Under The Climatic Conditions Of The Republic Of Moldova
2. **Eduard ȚIBICHI:** Data Protection, Cyber Security And Risk Management In The Digital Transformation Of Construction And Geodesy
3. **Evgheni CUTIA, Vadim ȚURCAN:** Methods For Estimating Direct Economic Losses From Earthquake Damage To Buildings
4. **Victoria PRISAC, Eduard PROASPAT, Ion RUSU, Nicanor CIMPOESU, Daniel LEPADATU:** Multilayer Walls With Straw And Hemp: Current Knowledge, Limitations And Development Perspectives For The Republic Of Moldova

5. **Victor ȘOCHICHIU, Ion CREȚU:** Comparative Techno-Economic Analysis Of Industrial Steel Structures With Rolled Sections And Tapered Members
6. **Viorica ȚIBICHI, Vitalie PALADE:** Influence Of Differential Settlement Of Foundations On The Members Of A Metal Hall

15:30 → 15:50	**Coffee break**	**Caffeteria 10 – 102 & 10 – 129**

15:50 → 17:10 **Technical Sessions 4** **10 – 119**

Chair – University Lecturer, PhD. Vadim ȚURCAN, Technical University of Moldova

1. **Vladimir GRIGORIEV, Loredana JUDELE, Eduard PROASPAT, Yasmina ED DARIY, Daniel LEPADATU:** Concrete Core Testing For Compressive Strength Assessment: Experimental Observations And Practical Considerations
2. **Cătălin LIXĂNDROIU, Ernest-Daniel OLINIC, Alina BĂRBULESCU:** On the Mechanical Properties of Compacted Clayey Soils, With or Without Additives: An overview
3. **Elena NICOLAEV, Natalia BEGLET, Livia LEANCA:** Construction Output And Construction And Demolition Waste Generation In The Republic Of Moldova (2020–2025): Statistical Assessment And Prospects For The Circular Economy
4. **Sebastian STEFANCO, Vadim ȚURCAN:** Embodied Carbon Estimate For The Structure Of A Public Building In Chișinău: Influence Of The Reinforcement Quantity On The BIM-LCA Result
5. **Alexandru ALCAZ, Daniel LEPADATU, Vladimir GRIGORIEV:** Performance And Durability Of Asphalt Mixtures With Recycled Polymers Under Variable Climatic Conditions

Time	Event and Chair/Keynote Speaker (KS)	Place

SECTION – LAW

09:30 → 11:00 **Technical Sessions 1** **10 - 311**

Chair – Iurie IVANOV, Faculty of Law, Technical University of Moldova

1. **Oleg TĂNASE:** The features of administrative control
2. **Viorica URSU, Diana ILAȘCU:** Classification of historical monuments in the republic of moldova: between recognition of cultural value and institution of legal protection
3. **Zinaida LUPAȘCU:** Deficiencies in the procedure for registration of real estate: legislative and administrative solutions

11:00 → 11:30	**Coffee break**	**Caffeteria 10 – 102 & 10 – 129**

Time	Event and Chair/Keynote Speaker (KS)	Place
11:30 → 13:00	**Technical Sessions 2** **Chair – Iurie IVANOV,** Faculty of Law, Technical University of Moldova 1. **Ina BOSTAN:** Militant democracy and the limits of political freedoms: between the protection of the constitutional order and the guarantee of political pluralism Anna LEȘAN , Iuliana Damian: the impact of government policies and sustainable development programs on the evolution of the residential real estate market in the Republic of Moldova 2. **Tatiana STAHI, Angela TALAMBUȚA:** Possession in the modernised civil code. Functions, possessory protection and application in recent case law 3. **Viorica URSU, Iurie IVANOV, Cristina BÎRSANU:** Enforcement against the debtor's sole residence – balancing the satisfaction of the creditor's claim and the protection of the right to respect for the home	**10 – 311**
17:10 → 18:00	**Commuting to Cricova Winery (departure from Study Block 10)**	
18:10 → 19:10	**Cricova Winery Underground Gallery Tour**	
19:30 → 23:30	**GALA Dinner**	**Cricova Winery**



Saturday, 14 November, 2026

Time	Event and Chair/Keynote Speaker (KS)	Place
10:00 → 11:00	**Wrap-up** Cloncusions, Student Awards Ceremony, Announcing next edition of Romanian Surveying Week & Closing	**10 - 309**
11:00 → 12:00	**Coffee break**	**10 - 129**

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