



BUILD BACK BETTER THE SELF-MADE CITIES

18-22 JUNE 2025
ATHENS & SANTORINI, GREECE

Actions for Formalizing Informal Constructions & Improving the Geospatial Ecosystems, Land Tools & Land Policies

A joint Conference with UNECE WPLA & REM, FIG Com 3 & FIG Com 9, EGoS, World Bank



PROGRAMME

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Wednesday 18 June 2025

Venue: NTUA Campus - School of Rural, Surveying and Geoinformatics Engineering

8:00

Bus transfer for international participants (Meeting Point: Central Hotel, str Apollonos 21, Syntagma, Athens)

8:30 - 9:30

Registration

9:30 - 11:30

Opening Session

Chair C. Potsiou Rapporteur M. Salize Room Amphitheatre I

9:30 - 9:45	Maïke Salize Secretary to the Working Party on Land Administration (WPLA), United Nations Economic Commission for Europe	UNECE Working Party on Land Administration activities towards Improving the Self-Made Cities & Informal Settlements
9:45 - 10:00	Pilar Verdejo Garcia WPLA Chair	WPLA recent and upcoming activities (video presentation)
10:00 - 10:15	Paul Prettitore World Bank	Strategic Approach to Land Administration in Europe and Central Asia region.
10:15 - 10:30	Diane Dumashi FIG President	The FIG Workplan and its Relevance to the Conference Topic
10:30 - 10:35	Nikos Zacharias EGoS President	The EGoS Workplan
10:35 - 10:45	Prof Ioannis Chatzigeorgiou NTUA Rector	NTUA supports the SDGs: its Role in Education & Research
10:45 - 10:50	Prof Maria Tsakiri School of Rural, Surveying & Geoinformatics Engineering, Dean	The School of Rural, Surveying and Geoinformatics Engineering curricula in support of Society
10:50 - 10:55	Enrico Rispoli Director FIG Foundation	The FIG Foundation support to Young Surveyors' Engagement
10:55 - 11:00	Sagi Dalyot FIG Commission 3 Chair	The FIG Com 3 Workplan in support of SDGs
11:00 - 11:05	Peter Ache FIG Commission 9 Chair	The FIG Com 9 Workplan: Increasing transparency in Property Markets
11:05 - 11:30	Prof Chryssy Potsiou FIG Honorary President, WPLA Vice Chair, Chair of the joint FIG/ UNECE WG 9.4	The joint UNECE/FIG Research on Improving the Self-Made Cities & Informal Settlements in the UNECE region: background information & and the way forward

11:30 - 12:00

Coffee Break / Marathon Data & Geosystems presentations

12:00 - 13:30

Session 1

Chair D. Dumashie Rapporteur P. Prettitore Room Amphitheatre I

S1 Session 1A

→ Formalization of Informal Settlements: Progress and Challenges

Formalization of Informal Constructions in Chişinău: Progress, Challenges, and Strategic Interventions	Svetlana Dogotaru , Chief Architect of Chisinau Municipality and Head of the General Directorate of Architecture, Urbanism, and Land Relations Mihaela Sultan , Head of the Department of City Infrastructure
The Cyprus Development System Roadmap: Past – Present – Future	Vassos Yiazos , DLS Senior Lands Officer, Ministry of Interior / Department of Lands and Surveys of Cyprus Cyprus
Urbanization, Informal Settlements, and the Role of Geomatics Engineers in Formalization Processes: Lessons from Türkiye	Ümit Yıldız , Head of Property Valuation Department, Omer Sinan Baycelebi , General Directorate of Land Registry and Cadastre Turkey
Informal Constructions in Greece: Institutional Framework and Impacts of the Current Formalization Policy	Aikaterini Boumpa and Konstantinos Tselikis , Technical Chamber of Greece, Greece
Legalization of Unregistered Land and Housing in Uzbekistan	Farrukh Pulatov and Bekhzod Nishanov , Department of Methodology and methodological support, Cadastre Agency, Uzbekistan
The Digital Twin of the city in support of the SDGs (video presentation)	Abbas Rajabifard , CSDILA, Director, Australia

12:00 - 13:30

Session 1

Chair A. Stratigea Rapporteur D. Perperidou Room Amphitheatre II

S1 Session 1B

→ Urban Planning in the Digital Era: challenges and opportunities

Alternative modes of land-value capture and their underlying rationales	Rachelle Alterman , Israel
Introducing a digital urban planning decision support tool, towards more resilient and safer European cities	Christos Kontopoulos, Dimitra Kitsiou, Efthymios Magkoulis and Nerantzia Tzortzi , Greece
Urban regeneration programs in "transitional economies". The case of "East" Berlin on the path to the "West"	Vasileios Eleftheriou, Angelos Siolas, Efthimios Bakogiannis, Georgios Sarigiannis, Charalampos Kyriakidis and Konstantinos Apostolopoulos , Greece
Surveyors - the Resurgence of Spatial Planning and Decision Making in the Una - Sana Canton	Muris Mureškić , Ministry of Construction, Spatial Planning and Environmental Protection of Una - Sana Canton, Bosnia and Herzegovina

S1 Session 1B

From Pixels to Places: Rethinking Participatory Design in the Digital Era

Aliaj Erika, Athanasios Iliadis, Ioannis Iliopoulos, Nikolaos Xagoraris,
Maria Poulaki, Konstantinos Apostolopoulos, Charalampos Kyriakidis
and Panagiotis Manetos, GreeceAnalysis of the process of legalization of constructions and relation with the real
estate cadastre (video presentation)Sonja Dimova, AREC
North Macedonia

12:00 - 13:30

Session 1

Chair V. Karathanassi Rapporteur H. Müller Room Auditorium

S1 Session 1C

→ Disaster Management

Impact Assessment of Flooding Events on the Population along the Ilissos River

Antonios Syranidis and Dionysia Georgia Perperidou, Greece

Integrating GIS and Public Engagement Tools for Seismic Risk Reduction

Konstantinos Papatheodorou, Alexandros Konstantinidis, Emmanuel
Kirtas, Nikolaos Theodoulidis, Konstantinos Chouvardas and Georgios
Panagopoulos, Greece

Trends of Post-Disaster Reconstruction on Residential Real Estate In Central Italy

Cromwell Manaloto, Italy

Adaptive spatial planning framework for urban flood risk assessment

Panos Manetos, Dimitrios Kitsakis, Konstantinos Apostolopoulos and
Efthimios Bakogiannis, GreeceAnalyzing Flood Spatial Dependence for Peri-Urban Flood Surface Modeling in
AtticaElissavet Feloni, Kleomenis Kalogeropoulos, Dimitrios Tssemelis and
Andreas Tsatsaris, Greece

13:30 - 14:30

Group Photo / Lunch / Marathon Data & Geosystems presentations

14:30 - 16:00

Session 2

Chair H. Onsrud Rapporteur Ü. Yıldız Room Amphitheatre I

S2 Session 2A

→ Upgrading informal Urban Areas

Informal settlements in Latinamerica

Sergio Saavedra, Iberoamerican Land Registries Association Dominican
Republic

Informality the Economic Development Paradigm and Reality Check Analysis

Elena Panaritis, USA

Informal settlements from a legal perspective: The case of Spanish land registries

Ana Gómez Adeva, Colegio de Registradores de la Propiedad y Mercantiles de España, Spain

S2 Session 2A

Funds and bureaucracy in urban regeneration- case study on solving practical issues at local level

Nuria Raga Sastre, Land Registrar, Colegio de Registradores de la Propiedad y Mercantiles de España, Spain, REM member

Key Registers for Functioning States

Helge Mathias Onsrud, Norway

Engaging Society towards Increasing the usability of Geospatial Ecosystem

Konstantinos Apostolopoulos, Greece

14:30 - 16:00

Session 2

Chair P. Ache Rapporteur M. Renigier-Bilozor Room Amphitheatre II

S2 Session 2B

→ Property Market and Housing: Challenges and Opportunities

Property Market in Greece: Challenges and Opportunities

Panos Charalampopoulos, Greece

Transparency and Resilience in Property Markets

Alexandros Vasileiou, Greece

Spatial and descriptive analysis of official land distribution in Attica Region

Dionysia Georgia Perperidou, George Katsis, Dimitrios Ampatzidis and Ioannis Katsios, Greece

Affordable housing in the EU Agenda

Kosmas Theodorides, Greece

Greek Real Estate Trends. Who's holding the bag?

Nikolaos Karanikolas, Greece

Spatial Analysis of Airbnb properties: A Review of Applied Methods

Elissavet Panagopoulou, Thomas Hatzichristos and Chryssy Potsiou, Greece

Blockchain and AI-Driven Transformation of Property Taxation: Towards Transparent and Adaptive Systems

Prof. dr hab. inż. Małgorzata Renigier-Bilozor, dr hab. inż. Andrzej Bilozor, Poland

14:30 - 16:00

Session 2

Chair M. Papadopoulou Rapporteur G. Wiejak-Roy Room Auditorium

S2 Session 2C

→ Resolving land disputes & Increasing Urban Resilience

Cadastral Dispute Resolution through Mediation

Eleni Charalampidou, Greece

Urban Sustainability and SDG 11: Environmental and Socio-Economic Footprint of Nature-based Solutions under the Water-Energy-Food Nexus Framework

Chrysaida-Aliki Papadopoulou and Maria Papadopoulou, Greece

Assessing overtourism state in insular territories - A methodological approach

Akrivi Leka, Apostolos Lagarias and Anastasia Stratigea, Greece

S2 Session 2C

Urban Regeneration Projects in coastal areas. Assessing contribution to the Sustainable Development Goals (SDGs)

Akrivi Leka, Eleni Giachou and Maria Papadopoulou, Greece

Planning for resilient and liveable waterfronts _ A multi-factorial approach to tackling local challenges based on spatial criteria

Yiota Theodora and Eleni Spanogianni, Greece

Developing an Integrated Management and Evaluation Standard for Megaprojects across their Spatial Life Cycle

Ilias Theodoropoulos and Efi Dimopoulou, Greece

16:00 - 16:30

Coffee Break / Marathon Data & Geosystems presentations

16:30 - 18:00

Session 3

Chair S. Nystrom Rapporteur M. Tsakiri Room Amphitheatre I

S3 Session 3A

→ Permitting Complexity and Informality in Construction

Essential but Overlooked: The Role of National Geoportals in Transparency and Sustainable Geospatial Ecosystems

Olga Bjelotomić Oršulić, Sanja Šamanović, Danko Markovinović and Vlado Ceti, Croatia

Urban Growth and Informality in Transition: A Case Study of Ankara's Historic Core

Cemre Şahinkaya, Uwe Altrock and Markus Schaffert, Turkey

Polish unlawful construction – What is going on?

Agnieszka Bieda and Grazyna Wiekro, Poland

Unruly Landscapes: A Critical Exploration of Greece's Institutional Framework on Informal Housing

Kalliopi Kouroupaki, Charalampos Kyriakidis, Dionysia-Georgia Perperidou and Efthimios Bakogiannis, Greece

CLGE supports FIG for the Formalization of Informal Buildings

Jean-Yves Pirlot, Belgium and Nicolas Smith, France

Challenges of land use in Nepal and way forward

Karunakar Ghimire, Lokendra Adhikari and Surya Prasad Adhikari, Nepal

The Covid-19 recovery action plan for Informal Settlements in the UNECE region

Steven Nystrom and Chrysos Potsiou, UNECE

16:30 - 18:00

Session 3

Chair N. Zacharias Rapporteur H. Müller Room Amphitheatre II

S3 Session 3B

→ Geoinformatics

Screening potential areas for ground-mounted solar panels by combining the Analytic Hierarchy Process (AHP) with geospatial analysis methodologies: A case study of Gjilan region, Kosovo

Bashkim Idrizi, Elone Zeqiri and Fitore Bajrami Lubishtani, North Macedonia

Positioning Technologies for Hybrid and Indoor City Environments: User Needs and Solutions

Manos Orfanos and Vassilis Gikas, Greece

National Recovery and Resilience Plan of Italy - City of Montorio al Vomano	Leonardo Franchi , Italy
Analysis of Geoinformatics enterprises in Greece in the globalization era	Thomas Hatzichristos, Philippe Cadene, Vasiliki Koumouli, Sandrine Alinat and Maria Pigak , Greece
The Transparency of Real Estate Market in Italy	Daniele Brancato , Italy

S3 Session 3B

16:30 - 18:00

Session 3

Chair E. Dimopoulou Rapporteur M. Kokla Room Auditorium

S3 Session 3C

→ **Cadastre in support of Land Management**

DLS - An evolving mission via digital transformation	Neoclis Neocleous , Cyprus
Open Maps for Europe	Charikleia-Maria Papadaki , Greece
Open Cadastral Maps: Developing a pan-European strategy for providing access to authoritative cadastral map data	Panos Lolonis , Greece
The remote sensing-based cartography system for monitoring human induced land changes in north-east Attica, Greece	Panos Lolonis, Argiris Argiriou and Jason Houtopoulos , Greece
The Hellenic Cadastre's data infrastructure and services in support of land management and disaster prevention activities in Greece	Panos Lolonis and Evangelia Varel , Greece
Remote Sensing Assessment of the Severe Storm Daniel over Greece	Panagiotis Nastos, Elissavet Feloni, Alexandros Paraskevas and Ioannis Matsangouras , Greece

18:00

Ice-breaking Reception with wine and snacks

18:45

Bus transfer to Syntagma Square (for International Participants only)

Thursday 19 June 2025

Venue: Ministry of Digital Government (Fragoudi 11 & Pantou St.)

Please bring your passports

8:30

Bus transfer for International Participants only (Meeting Point: Central Hotel, str Apollonos 21, Syntagma, Athens)

9:00 - 9:30

Opening Session

Chair E. Kalogianni Room Amphitheatre "Press Center"

1. **Stavros Papastavrou**, Minister of Environment and Energy, Greece
2. **Dimitrios Papastergiou**, Minister of Digital Governance, Greece
3. **Nikolaos Tagaras**, Deputy Minister of Environment and Energy, Greece
4. **Nikolaos Tsafos**, Deputy Minister of Environment and Energy, Greece
5. **Ioannis Androulakis**, President of the Green Fund, Greece
6. **Georgios Stasinou**, President of the Technical Chamber of Greece

9:30 - 11:15

Session 4

Chair C. Potsiou, D. Dumashie Room Amphitheatre "Press Center"

→ Government Policies to increase resilience against Climate Change & the pandemic (I)

9:30 - 10:45 → Hellenic Ministry of the Environment & Energy

Efthimios Bakogiannis , Secretary General for Spatial Planning and Urban Environment	Spatial Planning and Climate change
Petros Varelidis , Secretary General for the Natural Environment and Waters	Environmental Planning and climate change
Aristotelis Aivaliotis , Secretary General for Energy and Mineral Resources	Energy Infrastructure Resilience to Climate Change Challenges
Emmanouil Grafakos , Secretary General for Waste Management Coordination	Environmental Infrastructure and Climate Change
Efstathios Stathopoulos , Secretary General for Forests	The Role of Forest Ecosystems and the Climate Change Threat

10:45 - 11:00 → Hellenic Ministry of Health

Marios Themistocleous , Deputy Minister	Digitalization of services to support the management of the Covid19 pandemic - Lessons learned
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11:00 - 11:15 → Hellenic Ministry of Digital Governance

Costantinos Karantzalos Secretary General for Telecommunications and Post Eftychia Kalogianni Director of the Special Office of Secretary General of Telecommunications and Post	Satellites – Space and Climate Change. Spatial and Environmental Data Monitoring
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11:15 - 11:30

Coffee Break

11:30 - 13:30

Session 5

Chair E. Bakogiannis, Paloma Taltavull de La Paz Room Amphitheatre "Press Center"

→ Government Policies to increase resilience against Climate Change: Financial, Social & Cultural Heritage Aspects II

11:30 - 12:00 → Hellenic Ministry of Economy and Finance	
Vasileios Siadimas, Secretary General for Management of Sectoral Programs of European Regional Development Fund, Cohesion Fund and European Social Fund	Development Projects
Athanasios Tsiouras, Secretary General for Public Property	State Property and Land Reform
12:00 - 12:15 → Hellenic Ministry of Development	
Styliani Siarapi, Secretary General for Private Investments	The role of strategic investments in the development of Greece
12:15 - 12:30 → Hellenic Ministry of Tourism	
Vassiliki Koutsoukou, Secretary General for Tourism Policy and Development	Tourism Development and Development Planning for Tourist Accommodation and Short-Term Rental
12:30 - 12:45 → Hellenic Ministry of Climate Crisis and Civil Protection	
Petros Kampouris, Secretary General for Natural Disaster Recovery and State Support	Action plan for disaster risk reduction
12:45 - 13:00 → Hellenic Ministry of Social Cohesion and Family Affairs	
Konstantinos Gloumis-Atsalakis, Secretary General for Demography and Housing Policy	Housing Policy and tools
13:00 - 13:30 → Hellenic Ministry of Culture	
Giorgos Didaskalou, Secretary General of Culture	Protecting Cultural Heritage from Climate Change and other disasters
Maria-Xeni Garezou, PhD Archaeology, Head of the Directorate for the Curation of the National Archive of Monuments	Archaeological Cadastre: Protection of Cultural Heritage and Spatial Planning
Christine Romanou, Archaeologist-MA History of Art	
Nikos Sirris, IT Engineer MSc-MA Archaeology	
Giannis Karachalios, Architect- MA Heritage Management	

13:30 - 14:30

Group Photo & Lunch

14:30 - 16:30

Session 6

Chair C. Ioannidis, S. Nystrom Room Amphitheatre "Press Center"

→ Geospatial Tools for addressing Climate Change, natural disasters & development challenges

Ionut Savoiu, Secretary of State, Romanian Ministry of Transport and Infrastructure

Development Permitting for the Infrastructure Project for Rail Transport connection to South East Europe - The value of geospatial ecosystems

Nikolaos Kasimatis, Special Assistant to the Minister of Environment and Energy

European Social Climate Fund

Alexandros Bartzokas-Tsiombras, Associate of the General Secretariat of Spatial Planning & Urban Environment of the Ministry of Environment and Energy

Participatory platform for the spatial plans of «Constantinos Doxiadis» Project

Avgi Vassi, Director of the Special Office of Spatial Planning & Urban Environment of the Ministry of Environment and Energy

Reforming the Athenian Riviera

Stylianios Sakaretsios, President of the Hellenic Cadaster

The Hellenic Cadaster-Progress and Digital Services

Efthimios Lekkas, President of the Earthquake Planning and Protection Organization

Seismic-volcano Crisis at the island complex of Santorini (February 2025) - Action Plan

Charalambos Paraschos, Brigadier General, Director of Geography of the General Staff of the Army

Geodetic and Cartographic Infrastructure for monitoring the Climate Change

16:30

Bus transfer to Syntagma Square (for International Participants only)

17:00 - 18:00

Enjoy a 1-hour easy walk in the city center as you explore the natural & cultural heritage sight of the National Garden of Athens on a guided tour

21:00

Gala dinner at the roof garden of the Royal Olympic Hotel, 28 Athanasiou Diakou St. (please bring your ticket)

Friday 20 June 2025

Venue: NTUA Campus - School of Rural, Surveying and Geoinformatics Engineering

9:00

Bus transfer for International Participants only (Meeting Point: Central Hotel, str Apollonos 21, Syntagma, Athens)

9:30 - 11:00

Session 7

Chair C. Ioannidis Rapporteur D. Ampatzidis Room Amphitheatre I

S7 Session 7A

→ Cultural Heritage

Capturing History: Digital Twin of Heritage Buildings	Zahra Gharineiat , Australia
Adopting new LAS, tools and innovative approaches for the protection of cultural heritage; Challenges and opportunities towards 2030	Sofia Basiouka, Chryssy Potsiou and Charalabos Ioannidis , Greece
Applied Archaeology for Safeguarding Cultural Memory	Athina Chroni and Vassilia Karathanass , Greece
Thematic building segmentation on historical maps – A case study	Anastasios Kesidis, Kleomenis Kalogeropoulos, Seraphim Alvanides and Andreas Tsatsaris , Greece
Whispers of the Past, Visions of Tomorrow: Digital Land Bank and Transferring of Building Coefficient as Mechanisms Public Space Upgrade and Architectural Heritage Preservation	Maria Griva, Kalliopi Papadaki, Charalampos Kyriakidis, Efthimios Bakogiannis and Chryssy Potsiou , Greece
Mitigating the Impact of Climate Change on Cultural Heritage: The TRIQUETRA Project	Charalabos Ioannidis et al.
Urban Memory and Heritage: Need and purpose of a Digital Architectural Heritage Registry for urban regeneration and resilience policie	Kalliopi Papadaki, Maria Griva, Charalampos Kyriakidis, Efthimios Bakogiannis and Chryssy Potsiou , Greece

9:30 - 11:00

Session 7

Chair N. Doulamis Rapporteur B. Idrizi Room Amphitheatre II

S7 Session 7B

→ AI in Geoinformatics

Mapping Agricultural Crops Using EnMAP Hyperspectral Data and CNNs: A Deep Learning Approach	George Gkologkinas, Eftychios Protopapadakis and Konstantinos Ntoursos , Greece
Platial Information Fusion: Combining Natural Language Processing and Graph Neural Networks for Context-Aware Geospatial Knowledge Extraction	Eirini Katsadaki, Margarita Kokla and Georgios Bougas , Greece

Explainable and Optimized Machine Learning Model for Forest Cover Classification Using Geospatial Data, Mayfly Optimization, and SHAP Analysis

Konstantinos Zervoudakis and Stelios Tsafarakis, Greece

Absolute Visual Localization of UAVs via Deep Contrastive Learning

Athanasios Konstantakopoulos and Dimitrios Kosmopoulos, Greece

Individualised automated health assessment of dairy animals using computer vision and machine learning techniques

Nikolaos Spanos, Nikolaos Chaidos, Anastasios Temenos and Athanasios Voulodimos, Greece

A low-cost Digital Twin for affordable and interactive 3D Property Management – Merging BIM with Real-Time Weather Data in an Open Web-based Platform

Dimitra Andritsou and Chryssy Potsiou, Greece

9:30 - 11:00

Session 7

Chair A. Doulamis Rapporteur N. Vučić Room Auditorium

S7 Session 7C

→ **Geospatial Ecosystems and Applications**

Earthquake Risk Assessment in Athens Historic Center

Pantelis Tsambikos Tsambalis and Dionysia Georgia Perperidou, Greece

Mapping Global Education in Geomatics Engineering: A Web-Based Tool to Strengthen Geospatial Ecosystems

Angel Collado Murillo, Spain

Bridging Innovation and Ethics: A Comprehensive Framework for Data-Driven Health and Urban Well-Being

Charalampos Zafeiropoulos, Pedro Francisco Duarte Franco, Paolo Morgado, Elena Rocher, Elisa Conticelli, Noemi Garcia Lepetit, Vassilis Voulgarakis and Jill Litt

Former Military Camps: A Chapter of Growth Recovery or Another "Dead Capital" Chapter?

Georgios Tsingenopoulos, Greece

Sustainability or normality? Organic land-use development and the 15-minutes city concept. The case of metropolitan areas in Greece

Konstantinos Athanasopoulos, Dimitra Stammou, Charalampos Kyriakidis, Stefanos Tsigdinos, Yannis Paraskevopoulos and Efthimios Bakogiannis, Greece

Formalization of informal constructions of Roma communities in Slovakia, Role of Property Surveyors, Land Consolidation designers and professional Chambers

Peter Repan and Diana Bobikova, Slovakia

11:00 - 11:30

Coffee Break / Marathon Data & Geosystems presentations

11:30 - 13:00

Session 8

Chair V. Vescoukis Rapporteur K. Apostolopoulos Room Amphitheatre I

S8 Session 8A

→ Land Administration aspects: research and education

The Role of 3D Cadastre in the Processes of the Formalizing Informal Constructions

Nikola Vučić and Irena Magdić, Croatia

LADM edition II in support of self-made cities

Efthychia Kalogianni, Abdullah Kara, Peter van Oosterom and Christiaan Lemmen, The Netherlands

Comparison of curricula guidelines in land administration and associated disciplines

Grazyna Wiejak-Roy, Jim Mason, Uchendu Chigbu and Simon Hull, Poland

Managing spatial plans in Greece based on LADM-Part 5

Nikolaos Xagoraris, Efthychia Kalogianni, Charalampos Kyriakidis and Efi Dimopoulou, Greece

UrbanDash Manager: An Interactive, Open and Live Dashboard for BIM-based Urban Management powered by real-time updates and geospatial data

Konstantinos Lazaridis, Dimitra Andritsou and Chryssy Potsiou, Greece

Transforming the old cartographic infrastructure of the Greek Surveying Agency of Ministry of Agriculture to the official cadastral reference system: the Case of Evros Prefecture, Northern Greece

Dimitrios Ampatzidis, Dionysia-Georgia Perperidou, Alexandros Konstantinidis and Christos Stogiannidis, Greece

11:30 - 13:00

Session 8

Chair S. Nystrom Rapporteur D. Kitsakis Room Amphitheatre II

S8 Session 8B

→ Geospatial Ecosystems in support of land management

Land, Housing and Urban Planning during and after the War in Ukraine

Denys Nizalov, Ukraine

Resolving 3D Building Inconsistencies to Support the Formalization of Informal Urban Environments

Sagi Dalyot, Avi Gal and Bar Genossar, Israel

Housing affordability and its effects on housing market failures: Reasons and conditions

Paloma Taltavull de La Paz, REM Chair, Spain

3D institutional and spatial regulations and constrains and Real Estate: a methodological approach

Dionysia Georgia Perperidou and Panos Giannakos, Greece

Towards open disaster geospatial data infrastructures for risk reduction and urban resilience

Michail-Christos Tsoutsos, George Papakyriakopoulos, Charalampos Bratsas and Vassilios Vescoukis, Greece

Towards Cadaster 4.0 - An example for sustainable energy consumption tracking

Dimitra Andritsou, Stavros Sykiotis, Nikolaos Bakalos, Anastasios Doulamis and Chryssy Potsiou, Greece

13:00 - 14:00

Lunch / Marathon Data & Geosystems presentations

14:00 - 15:30

Session 9

Chair N. Karanikolas Rapporteur S. Basiouka Room Amphitheatre I

S9 Session 9A

→ Increasing transparency and sustainability in the real estate sector

Global security of property rights for land and housing in 2024: why there is a lack of progress towards SDG	Denys Nizalov, Ukraine
The stages of the expropriation procedure necessary for the implementation of the public utility project "High-speed road Ploiești - Buzău- Focșani - Bacău - Pașcani": Bacău - Pașcani section - A7	Anca Nicoleta Pavaloiu, Romania
Positioning Technologies in Location-Based Services: A Critical Review and Future Perspectives	Spyridon Psarros and Thomas Hatzichristos, Greece
Climate Protection in Germany – How Can the Heat Transition Succeed in the Real Estate Sector? Governance, Investments, and Mobilization of Private Property Owners	Eva Katharina Korinke, Germany
Empowering the Real Estate Sector with Reliable Property Data: From Requirements to Solution Deployment	Senthil Rajendran, Dessislava Petrova-Antonova and Emil Hristov, Bahrain, Bulgaria
Affordable housing in Malta	Jake Azzoparbi, Malta

14:00 - 15:30

Session 9

Chair V. Gikas Rapporteur P. Taltavull de La Paz Room Amphitheatre II

S9 Session 9B

→ Disaster Risk Reduction and resilience monitoring (II)

Assessing regulations on water-adjacent land along the sea, rivers and lakes	Paloma Taltavull de La Paz, REM Chair, Spain
AFRGDB_V3.0: Gravity database for Africa implementing Moho information	Hussein Abd-Elmotaal, Norbert Kührtreiber, Kurt Seitz, Thomas Grombein, Bernhard Heck and Hansjörg Kutterer, Egypt
African Unified Height System Based on Gravity Data and Geopotential Models	Mostafa Ashry, Hussein Abd-Elmotaal, Atef Makhloof and Mostafa Abdelbaky, Egypt
Integrated geospatial information management for disaster risk reduction - the 2021 floods in the Ahr Valley in Germany	Hartmut Müller, Germany
Sea Level Modelling Contribution to Flooding Risk Reduction Planning in Coastal Urban Areas	Nestoras Papadopoulos and Vassilis Gikas, Greece
The Use of LIDAR and Photogrammetry for Mapping and Monitor Progress	Firas Fahoum, Israel

20
June
2025

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15:30 - 16:00

Coffee Break / Marathon Data & Geosystems presentations

16:00 - 17:15

Closing Session

Chair Chryssy Potsiou, Paloma Taltavull de La Paz, Nikos Zacharias Room Amphitheatre I

→ Take away messages from all Sessions

17:15

Bus transfer to Syntagma Square (for International Participants only)



Program of the Technical Tour in Santorini

Saturday 21 June 2025

12:30 Guided bus tour on the island

Cost 35 euros/person (lunch at the Amoudi beach is not included)

Meeting points

- a. Hotel Volcano View/De Sol and
- b. in FIRA (at the parking place opposite of the school).

Delegates will visit Fira-Pyrgos-Emporio-Akrotiri

Lunch at the Amoudi beach of Oia

17:00 Return to the hotel

19:00 Wine tasting evening at SANTO WINE

Cost 30 euros/person (Departure from the same meeting points)

Delegates will enjoy 4 different wine types, finger food and a spectacular sunset view from the back side of the volcano

Evening free for delegates to walk along the caldera in Fira

Sunday 22 June 2025

9:00-16:00 Cruise to the greater area of the volcano

Cost 35 euros/person (lunch at Korfu beach is not included)

Departure from the (a) and (b) meeting points

10:30 Boarding on a traditional boat

1st stop at the Thermal springs for swimming (duration: 40 minutes)

2nd stop at the volcano (duration: 90 minutes) – Optional walk uphill, ticket: 5 euros

3rd stop at the island Thirasia (duration 2:00 hours) - Lunch at Korfu beach

17:30 Bus transfer to Nomikos Conference Center

Departure from the (a) and (b) meeting points

18:00-21:30 Land management issues of Santorini. Challenges and Opportunities

Chairs: C. Potsiou, Nikos Zacharias

Ioannis Androulakis, President of the Green Fund, Greece

Anastasios-Nikolaos Zorzos, The Mayor of Santorini

Municipality Technical Service Department

Construction and Planning Permitting Service of the Municipality

Water Utility Authority of Santorini

Local Chamber of Engineers

Santorini Hoteliers Association

private company responsible for the Implementation of the Special Urban Plan

private company responsible for the cadastral Survey

Local Notary Association

Local Bar Association

Local Real Estate Association

Local short term rental Association

Local Commerce Association

Round table discussion with local & international experts on the current local challenges

_ Mayor's reception - Group photo

_ Local transportation and reception are kindly offered by the Municipality of Santorini

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