



ICPCDGR2026

International Hybrid Conference on Crisis and
Disaster Governance, Planning and Resilience

**International Hybrid Conference on
Crisis and Disaster Governance,
Planning and Resilience:
Integrating Risk and Security within
International Postgraduate
Education**

**International Hybrid Conference
Kavala, 6-9 May 2026**

www.scinterconf.eu

International Hybrid Conference on Crisis and Disaster Governance, Planning and Resilience (ICPCDGR 2026)

ICPCDGR 2026 is a high-level international hybrid conference that brings together academics, policymakers, practitioners and postgraduate students from around the world to address the growing complexity of global crises and risks.

In an era defined by climate-driven extreme events, hybrid and asymmetric threats, cybersecurity risks, public health emergencies and geopolitical instability, the need for integrated and forward-looking governance frameworks is more urgent than ever. These challenges demand coordinated responses across science, policy, technology and operational practice.

More than an academic event, ICPCDGR 2026 serves as a strategic platform for dialogue and collaboration, connecting research with real-world decision-making and fostering interdisciplinary exchange across key fields such as risk governance, crisis management, security, resilience planning and technological innovation. The conference is developed through the strategic collaboration between the Democritus University of Thrace (Greece) and York University (Canada), within the framework of Greece 2.0 – the Recovery and Resilience Facility and the Universities of Excellence Initiative, supporting the internationalisation and transformation of postgraduate education.

By bringing together international expertise and diverse perspectives, ICPCDGR 2026 contributes to the development of evidence-based governance models and strengthens global cooperation in crisis and resilience studies.

Hosted in the historic coastal city of Kavala, Greece, at the crossroads of Europe and the Eastern Mediterranean, the conference offers an inspiring setting for meaningful dialogue, collaboration and the creation of lasting academic and policy partnerships.

ICPCDGR 2026 is where governance meets security, where education builds resilience, and where strategy shapes the future.

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WEDNESDAY, May 6th, 2026

9.00-9.30 REGISTRATION

Chairs Sessions I & II: Tolkou A., Alonistioti N., Badica C.

SESSION I

- 9.30-9.45 **ADAPTIVE MULTI-SIGNAL KICK DETECTION: THE EWIM FRAMEWORK**
F. N. Zachopoulos, N. C. Kokkinos
- 9.45-9.55 **LARGE LANGUAGE MODEL PIPELINES FOR CRISIS INTELLIGENCE: AUTOMATED HELP REQUEST CLASSIFIER**
L.D.R.E. De Silva
- 9.55-10.05 **IMAGE BASED RECOGNITION OF LUPUS RASHES USING SWIN TRANSFORMER**
I. Gogineni, P. S. K. Palagani, S. N. Banavathu
- 10.05-10.15 **IOT ENABLED DATA MONITORING AND VISUALIZATION SYSTEM USING RASPBERRY PI PICO W WITH MQTT PROTOCOL**
M. Wyavahare, S. Sangole, P. Murkute, V. Sangvikar

SESSION II

- 10.15-10.30 **AI-ENABLED BIOENGINEERING SYSTEMS FOR EARLY WARNING AND DECISION SUPPORT IN PUBLIC HEALTH CRISES**
M. Maragakis, N. Vordos, K. Tarchanidis
- 10.30-10.40 **MULTI-CLOUD SECURITY ASSESSMENT FOR AI-AUGMENTED ENTERPRISE ENVIRONMENTS**
M. Vedam
- 10.40-10.50 **RAINFALL PREDICTION USING FUSED SATELLITE IMAGERY AND COMPUTER VISION-BASED FEATURE EXTRACTION**
M. Rane, S. Sangole, P. Murkute, V. Sangvikar
- 10.50-11.00 **SMART ML-BASED ANOMALY DETECTION IN SMART GRIDS**
A. Barbadekar, A. Pawar, A. Pardeshi, A. Narkhede

Chairs Sessions III & IV: Karagkouni A., Markopoulos Th., Mocioi I.-A.

SESSION III

- 11.00-11.15 **NATIONAL RESILIENCE AND REDUNDANCY PLAN FOR GREECE'S HORIZONTAL RESEARCH E INFRASTRUCTURES: GOVERNANCE LESSONS FROM THE DUTCH MODEL AND THE 2023 GRNET CYBERATTACK**
M. Maragakis, N. Vordos, K. Tarchanidis
- 11.15-11.25 **AI- BASED CARRER PATH RECOMMENDATION SYSTEM**
D. K. Kohli, P. Thakur, R. Dwivedi, A. S. Chauhan
- 11.25-11.35 **NEAR MISSES AND THE VIOLENT EDGE OF POLICY BACKLASH IN DISASTER RISK AND ENVIRONMENTAL GOVERNANCE**
O. C. Oghenechovwen
- 11.35-11.45 **ENHANCING SAFETY ASSESSMENT IN POWER GENERATION THROUGH DETERMINISTIC METHODS, STATISTICAL ANALYSIS, AND AI INTEGRATION**
A. P. Marhavidas, T. Malkopoulos

SESSION IV

- 11.45-12.00 **DRONES FOR EMERGENCY SEARCH AND RESCUE OPERATIONS**
A. Asgary
- 12.00-12.10 **YIELD MANAGEMENT AND DEMAND ELASTICITIES IN CRISIS-RESPONSIVE AIR TRANSPORT MARKETS: EVIDENCE FROM THE ATHENS-MILAN MARKET**
A. A. Konstantaros, D. Dimitriou

- 12.10-12.20 **DYNAMIC PRICING AND DEMAND ELASTICITY UNDER MARKET DISRUPTIONS: A COMPARATIVE STUDY OF ATHENS-BRUSSELS AND ATHENS-LONDON HEATHROW ROUTES**
A. Lazakis, G. Vasileiou, D. Dimitriou
- 12.20-12.30 **DYNAMIC PRICING AND DEMAND BEHAVIOR IN THE ATHENS-AMSTERDAM AIR TRAVEL MARKET: A DATA-DRIVEN ANALYSIS**
I. Sakkalis, D. Dimitriou

12:30 -13:00 COFFEE BREAK

Chairs Sessions V & VI: Dimitriou D., Pan, Chih-Long, Rapaport C.

SESSION V

- 13.00-13.15 **USE OF THE LOSS DISTRIBUTION APPROACH IN WIND FARM SETTING EMERGENCY PREPAREDNESS FROM EXTREME WEATHER**
I. Benekos, V. Kappatos, M. Boile
- 13.15-13.25 **KEY FACTOR COMBINATIONS DRIVING GREEN INFRASTRUCTURE IMPLEMENTATION FOR SUSTAINABLE URBAN STORMWATER OUTCOMES**
T. Mudiwa
- 13.25-13.35 **RE-EXAMINING COMMUNITY RESILIENCE: A REVIEW OF COMMUNITY INITIATIVES TO DEVELOP RESILIENCE**
E. Bogdan, N. Yiu
- 13.35-13.45 **DURABILITY OF INFRASTRUCTURES IN GREECE**
V. Lekidis

SESSION VI

- 13.45-14.00 **INTEGRATING A STIGMA-FOCUSED AGENDA INTO EMERGENCY MANAGEMENT PRACTICE: LESSONS FROM COVID-19 RESPONSE IN TORONTO, CANADA**
Aaida Mamuji
- 14.00-14.10 **CLIMATE-NEUTRAL AND SMART CITIES: INTEGRATING RESILIENCE AND RISK GOVERNANCE IN URBAN SYSTEMS**
E. Samourkasidou, A. Thysiadou, M. Chalaris, P. Xofis
- 14.10-14.20 **ENHANCING URBAN COASTAL RESILIENCE UNDER CLIMATE CHANGE: A MEDITERRANEAN CASE STUDY APPROACH**
E. Samourkasidou, A. Thysiadou, M. Chalaris, A. Panagiotidou
- 14.20-14.30 **URBAN RESILIENCE TO NA-TECH DISASTERS IN A LANDSCAPE OF CASCADING RISKS**
E. Samourkasidou, A. Thysiadou, M. Chalaris, A. Panagiotidou

14:30 -15:00 BREAK

Chairs Sessions VII, VIII & IX: Xofis P., Dribetas E, Poposka V.

SESSION VII

- 15.00-15.15 **CRISIS MANAGEMENT: CANADIAN CASE OF DISASTER RESPONSE SYSTEM**
N. Agrawal
- 15.15-15.25 **OPERATIONALIZING YIELD MANAGEMENT AND ELASTICITY THEORY FOR CRISIS-RESILIENT AIRPORT SYSTEMS: THE CASE OF FRANKFURT AIRPORT**
O. Gkotzai, D. Dimitriou
- 15.25-15.35 **CIRCULAR ECONOMY AS A RESILIENCE STRATEGY IN TRANSPORT INFRASTRUCTURE: THE CASE OF HEATHROW AIRPORT**
M. Chalemi, A. Karagkouni
- 15.35-15.45 **QUALITY-DRIVEN RESILIENCE IN GLOBAL LOGISTICS: STRATEGIC INTEGRATION OF TQM, ISO STANDARDS, AND DIGITAL GOVERNANCE IN DHL GROUP**
M. Zantanidou, A. Goulas, E. Papadopoulou, C. Sakellaris, A. Moutzouri

SESSION VIII

15.45-16.00	INNOVATION IN SUPPLY CHAIN TRANSPORT UPON PREPAREDNESS AND CONTINUITY D. Dimitriou
16.00-16.10	SUPPLY CHAIN RESILIENCE AND HUMANITARIAN LOGISTICS: CONCEPTUAL STRATEGIC FRAMEWORK FOR CRISIS RESPONSE AND RECOVERY D. Dimitriou, M. Sartzetaki, A. Karagkouni, V. Benteniotis
16.10-16.20	EVALUATING SDG IMPLEMENTATION AND FIRM RESILIENCE WITHIN CIRCULAR ECONOMY: A DATA-DRIVEN PERFORMANCE INDEX I. Kolari, M. Sartzetaki, D. Dimitriou
16.20-16.30	IDENTIFYING CRITICAL AND VULNERABLE FREIGHT ROUTES IN ROADWAY NETWORKS: A GAME THEORY FRAMEWORK AND APPLICATION IN THE STATE OF FLORIDA M. D. Golias, E. I. Kaiser, I. P. Ioannou
16.30-16.45	INNOVATION IN FREIGHT TRANSPORT TOWARDS EMERGENCIES E. Kaiser
16.45-16.55	RESILIENCE AND RECOVERY OF POINTS OF INTEREST FOLLOWING HURRICANE HELENE: A TEMPORAL ANALYSIS A. G. Sefidmazgi, K. Gulati, V. Pandey
16.55-17.05	CONSTRUCTION TECHNOLOGY, SEISMIC BEHAVIOR, AND CULTURAL MONUMENTS: EXPERIENTIAL EDUCATION FOR HERITAGE AWARENESS A. K. Thomoglou, T. A. Pringopoulos, M. E. Voutetaki, A. A. Thysiadou
17.05-17.15	SUSTAINABILITY ASSESSMENT OF MINE VENTILATION SYSTEMS: ESG RISK AND INFRASTRUCTURE RESILIENCE INSIGHTS FROM MULTI-SITE CASE STUDIES V. Alexiou, N. Kontogianni, E. Polyzou, M. Chalaris, I. Yakoumis

SESSION IX

17.15-17.30	HOW ALGORITHMS ASSIST EXTREMIST GROUPS IN SPREADING THEIR MALICIOUS CONTENT S. Bamiatzis
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CEREMONIAL OPENING & WELCOME ADDRESSES

18:00–18:30 Welcome Coffee (Venue Foyer)
18:30–19:30 Official Welcome Addresses & Opening Greetings
19:30–20:00 Inaugural Plenary Lecture

Beyond Resilience: Ethical Leadership in an Era of Continuous Crisis

Christina Alexandropoulou, F.ISRM, CFPS, M.IPISA
 Private Sector Chair (Greece-Overseas), OSAC | Board Member, IFMA | Chapter Chair, ISRM
20:00–22:00 Welcome Reception & Standing Cocktail

THURSDAY, May 7th, 2026

9.00-9.30	REGISTRATION
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Chairs Sessions X & XI: Nannou Ch., Nastos P., Mavrikou S.

SESSION X

9.30-9.45	DESIGNING EDUCATOR FORMATION FOR DISRUPTION: A POST-GRADUATE CURRICULUM ARCHITECTURE AT THE INTERSECTION OF RESILIENCE, DRR, AND SUSTAINABILITY M. Roussi
9.45-9.55	A POSITIVE PSYCHOLOGY INTERVENTION FOR BUILDING WORKFORCE RESILIENCE AND WELLBEING IN GREEK HEALTHCARE AND EDUCATION SYSTEMS C. I. Schoina, I. V. Papathanasiou, T. Paralikas, K. Tsaras
9.55-10.05	FROM GLOBAL FRAMEWORKS TO SCHOOL PRACTICE: POLICY TRANSLATION IN CRISIS, DRR, AND RESILIENCE EDUCATION M. Roussi

10.05-10.15 **PSYCHOLOGICAL DISTRESS, RESILIENCE, AND WORK ENGAGEMENT IN FRONTLINE NURSING PROFESSIONALS: A MEDIATION ANALYSIS**
C. I. Schoina, I. V. Papathanasiou, T. Paralikas, K. Tsaras

SESSION XI

10.15-10.30 **FROM POSTGRADUATE LEARNING TO EDUCATIONAL INTERVENTION: THE LIVING LAB PRACTICUM AS AN IMPLEMENTATION BRIDGE**
M. Roussi

10.30-10.40 **ADAPTIVE RESIDUAL HYBRID FRAMEWORK FOR FOOD WASTE PREDICTION IN INSTITUTIONAL KITCHENS**
R. D. Tiwari, S. Raj, K. Rajkumar

10.40-10.50 **SIMULATION OF THE EFFECTS OF CHEMICAL SUBSTANCES FROM INDUSTRIAL ACCIDENTS AND TERRORIST ATTACKS ON COASTAL ECOSYSTEMS THROUGH COMPUTATIONAL APPROACHES**
E. Avagiannis, M. Chalaris, N. Stasinopoulos

10.50-11.00 **VALORIZATION OF OLIVE MILL BY-PRODUCTS FOR EXTRACTS RICH IN AMPHIPHILIC BIOACTIVES WITH ANTI-INFLAMMATORY AND ANTIOXIDANT HEALTH PROMOTING PROPERTIES, IN A SUSTAINABLE AND CIRCULAR ECONOMY DESIGN**
N. Varnali, E. Palamida, V. D. Prokopiou, K. Shiels, S. K. Saha, A. Ofrydopoulou, A. Tsoupras

Chairs Sessions XII & XIII: Fantidis I., Hela D., Efthimiadou E.

SESSION XII

11.00-11.15 **PREVENTIVE PLANNING, PREPAREDNESS & EFFECTIVE RESPONSE TO EMERGENCIES THROUGH ADVANCED TECHNOLOGIES**
V. Pipitsoulis

11.15-11.25 **ENVIRONMENTAL ASSESSMENT OF CLASSICAL AND SUSTAINABLE APPROACHES TO PORPHYRIN SYNTHESIS**
D. R. Bitsos, K. Karakosta, K. Ladomenou

11.25-11.35 **FROM AGRICULTURAL WASTE TO CLEAN ENERGY: SUSTAINABLE SYNTHESIS OF CARBON DOTS FROM OLIVE LEAVES FOR PHOTOCATALYTIC GREEN HYDROGEN PRODUCTION**
E. Kyriazi, C. Malerou, C. Kampouri, K. Ladomenou

11.35-11.45 **EVALUATION OF NSAID ADSORPTION ONTO MONTMORILLONITE/GRAPHENE OXIDE IN MONO AND BINARY AQUEOUS SOLUTIONS AND ENVIRONMENTAL WASTEWATER SAMPLES**
A. D. Meretoudi, G. Z. Kyzas

SESSION XIII

11.45-12.00 **ECONOMIC EVALUATION OF LABORATORY RISK REDUCTION THROUGH SEM SAFETY TRAINING**
D. Gkika, G. Z. Kyzas

12.00-12.10 **SULFO-FUNCTIONALIZED 3D PRINTED HIGH IMPACT POLYSTYRENE MONOLITHS AS ORGANIC MICROPOLLUTANT ADSORBENTS FOR ENVIRONMENTAL REMEDIATION APPLICATIONS**
E. Tsintziras, P. Efthymiopoulos, S. Kavafaki, G. Maliaris, G. Z. Kyzas

12.10-12.20 **DEVELOPMENT OF A PORPHYRIN-CURCUMIN HYBRID MOLECULE AS INNOVATIVE ANTIMICROBIAL AGENT FOR PUBLIC HEALTH PROTECTION IN POST-DISASTER ENVIRONMENTS**
E. Banta, C. Stylianoudakis, P. Bantas, E. Tourtoura, K. Ladomenou

12.20-12.30 **HEMP WASTE DERIVED ACTIVATED CARBONS FOR THE DECONTAMINATION OF PHARMACEUTICALS FROM AQUEOUS SOLUTIONS**
S. L. Kouvalakidou, V. Petratos, G. Z. Kyzas

12:30 -13:00 COFFEE BREAK

Chairs Sessions XIV & XV: Ladomenou K., Paz Sh., Saliu A.

SESSION XIV

13.00-13.15 **AUTONOMOUS INTELLIGENCE ON THE FRONT LINE: INTELLIGENT AGENTS AS FORCE MULTIPLIERS IN CRISIS MANAGEMENT**
K. Kravari

- 13.15-13.25 **3D-PRINTED BEADS FOR THE ADSORPTION OF HEXAVALENT CHROMIUM**
K. Maroulas, S. Kavafaki, G. Maliaris, G. Kyzas
- 13.25-13.35 **BRIDGED RGO-GO@TERNARY LAYERED DOUBLE HYDROXIDES FOR THE REMOVAL OF ANTIPSYCHOTIC DRUG SULPIRIDE FROM WASTEWATER**
D. A. Chatzipapas, K. N. Maroulas, G. Z. Kyzas
- 13.35-13.45 **SYNTHESIS AND CHARACTERIZATION OF MODIFIED CHITOSAN-BASED ADSORBENT FOR FLUORIDE REMOVAL**
G. Tenente, K. Maroulas, G. Kyzas

SESSION XV

- 13.45-14.00 **INFORMATION VALUE FOR RISK**
A. Targoutzidis
- 14.00-14.10 **GRAPE POMACE BIOMASS AS A FUNCTIONAL INGREDIENT IN NATURAL COSMETIC EMULSIONS**
M. P. Koulou, I. Koumentakou, G. Z. Kyzas
- 14.10-14.20 **3D-PRINTED RECYCLED PET POROUS STRUCTURES WITH ENHANCED ABSORPTION CAPACITY**
D. Thanou, S. Kavafaki, I. Koumentakou, G. Z. Kyzas
- 14.20-14.30 **ANTIOXIDANT, ANTI-INFLAMMATORY AND ANTITHROMBOTIC POTENTIAL AND CHEMICAL CHARACTERIZATION OF AMPHIPHILIC AND LIPOPHILIC LIPID EXTRACTS FROM SHRIMP AND CRAYFISH**
G. Maniatakou, V. D. Prokopiou, A. Ofrydopoulou, C. Anastasiadou, A. Tsoupras

14.30 -15.30 LIGHT LUNCH

Chairs Sessions XVI, XVII & XVIII: Tsoupras A., Shosholovski L., Stamevski V.

SESSION XVI

- 15.30-15.45 **FROM DEGRADATION TO DETOXIFICATION: KINETIC PROFILING AND HRMS CHARACTERISATION OF BISPHENOL A TRANSFORMATION PRODUCTS UNDER METALLOPORPHYRIN-BASED PHOTOCATALYSIS**
C. K. Tsamtzidou, M. Chalaris, K. Ladomenou, C. Nannou
- 15.45-15.55 **EFFECTIVENESS OF HOUSEHOLD AND INDUSTRIAL WASHING AND THERMAL METHODS ON PESTICIDE RESIDUE REMOVAL FROM TOMATOES: A FOOD SAFETY AND PUBLIC HEALTH PERSPECTIVE**
I. C. Maziotis, A. S. Konstantoulis, A. Papadopoulou, C. Nannou
- 15.55-16.05 **PESTICIDE RESIDUE MONITORING IN PET FOOD: ANALYTICAL METHOD DEVELOPMENT AND IMPLICATIONS FOR FOOD CHAIN SAFETY GOVERNANCE**
A. S. Konstantoulis, M. Kalaboka, V. Boti, C. Nannou
- 16.05-16.15 **DEVELOPMENT OF MICRO AND NANOFIBERS FROM RECYCLED POLYETHYLENE TEREPHTHALATE VIA ELECTROSPINNING USED FOR EFFICIENT OIL ABSORPTION**
T. E. Traga, I. Koumentakou, G. Z. Kyzas

SESSION XVII

- 16.15-16.30 **BRIDGING FRAGMENTATION IN WILDFIRE RISK GOVERNANCE: A MULTI-LEVEL MODEL BASED ON THE CASE OF NORTH MACEDONIA**
L. Shosholovski, V. Poposka, A. Grizhev
- 16.30-16.40 **MAPPING THE INVISIBLE: CRITICAL AND RADICAL APPROACHES TO REPRESENTING CRISES, DISASTERS AND HIDDEN SPATIAL CONDITIONS**
E. Tsakiri
- 16.40-16.50 **ORIENTATION IN WILDFIRE SUPPRESSION**
S. Papageorgiou
- 16.50-17.00 **ENHANCING LABORATORY SAFETY AWARENESS IN UNDERGRADUATE CHEMISTRY EDUCATION: EVIDENCE FROM A CASE-BASED STUDY IN AN EMERGING ACADEMIC DEPARTMENT**
S. Moma, S. Anastasiou, M. Chalaris

SESSION XVIII

- 17.00-17.15 **REFRAMING LEADERSHIP AND MANAGEMENT ROLES IN CBRN CRISIS ENVIRONMENTS: A CONCEPTUAL AND OPERATIONAL PERSPECTIVE**
M. Vareli, M. Chalaris
- 17.15-17.25 **GREEN EXTRACTS DERIVED FROM GRAPE BY-PRODUCTS FOR APPLICATION IN HEALTH-PROMOTING FUNCTIONAL PRODUCTS**
S. Michailidis, A. Ofrydopoulou, A. Tsoupras
- 17.25-17.35 **CHILD PROTECTION IN CRISIS CONTEXTS: RETHINKING DATA GOVERNANCE AND GDPR IN EMERGENCY RESPONSE SYSTEMS**
G. Penekeli
- 17.35-17.45 **ANTIOXIDANT ACTIVITY AND AMPHIPHILIC BIOACTIVES IN GREEN EXTRACTS FROM FISH BY-PRODUCTS: A CIRCULAR ECONOMY APPROACH**
G. Liepouris, K. Ofrydopoulou, E. Antonopoulou, M. Koutrakis, A. Ofrydopoulou, A. Tsoupras

17.45-18.15 COFFEE BREAK

Chairs Sessions XIX & XX: Thomoglou A., W- P, Wagner, P., Sartzetaki M.

SESSION XIX

- 18.15-18.30 **CIVIL-MILITARY COOPERATION IN CRISIS AND DISASTER GOVERNANCE IN THE WESTERN BALKANS**
N. Kletnikov, B. Maksuti
- 18.30-18.40 **COMPUTATIONAL SYSTEM DYNAMICS FRAMEWORK USING STELLA FOR MODELING CHEMICAL ACCIDENTS IN AQUATIC ECOSYSTEMS**
N. Stasinopoulos, M. Chalaris, A. Tezari
- 18.40-18.50 **A MULTI-OBJECTIVE INVENTORY ROUTING FRAMEWORK FOR RURAL FREIGHT LOGISTICS**
S. Saeidi, E. Kaisar
- 18.50-19.00 **AI-INTEGRATED IONIC LIQUID-BASED SENSING FOR REAL-TIME DETECTION OF HAZARDOUS SOLVENT VAPORS IN INDUSTRIAL ENVIRONMENTS**
I. Siadimas, M. Chalaris

SESSION XX

- 19.00-19.15 **CRISIS GOVERNANCE AND LEADERSHIP UNDER PRESSURE : DECISION-MAKING DYNAMICS IN BARACK OBAMA'S ADOPTION OF THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009**
P. Karagianni
- 19.15-19.25 **TRANSITIONING GREEK PUBLIC PROCUREMENT FROM GREEN CRITERIA TO ESG INTEGRATION: A MULTI-CRITERIA EVALUATION FRAMEWORK**
F. I. Pagkalou, J. Filos
- 19.25-19.35 **FINSIGHT: A HYBRID FINANCIAL-AGENT SYSTEM WITH MARKET INSIGHTS**
M. Wyavahare, S. Sangole, P. Murkute, V. Sangvikar
- 19.35-19.45 **RESILIENCE ASSESSMENT TOOL FOR PORT PLANNING**
M. Dhanak, S. Parr, E. I. Kaisar, P. Goulianou, H. Russell, F. Kristiansson
- 19.45-19.55 **DEVELOPMENT OF A COMPUTATIONAL FRAMEWORK FOR EARLY WARNING AND COMMUNICATION REGARDING CHEMICAL ACCIDENTS IN AQUATIC ECOSYSTEMS**
Nikolaos Stasinopoulos, Michail Chalaris, Anastasia Tezari
- 19.55-20.05 **THE ANHARMONIC OSCILLATION AS A FRAMEWORK FOR UNDERSTANDING AND PREDICTING CHEMICAL ACCIDENTS IN AQUATIC ECOSYSTEMS**
Nikolaos Stasinopoulos, Michail Chalaris, Anastasia Tezari
- 20.05-20.15 **DEVELOPMENT OF LIPID NANOPARTICLES LOADED WITH EXTRACTS FROM PROPOLIS AND OLIVE MILL BY-PRODUCTS.**
D. Vatou

FRIDAY, May 08th, 2026

9.00-9.30 REGISTRATION

9.30-10.30 **WORKSHOP I: HOW VIOLENCE AND HARASSMENT IN THE WORKPLACE AFFECT PEOPLE, COMPANIES, AND SOCIETY | Open to the public**
I. Marketos

Chair Session XXI: Vordos N., Sulejman A., Pistikou V.

SESSION XXI

10.30-10.40 **PREPARATION AND CHARACTERIZATION OF PLA/CNF BIOCOSCOMPOSITES FOR SUSTAINABLE ADDITIVE MANUFACTURING**
K. Pelpas, S. Lili, S. Kavafaki, G. Maliaris

10.40-10.50 **FROM WASTE TO VALUE: SUSTAINABLE PROCESSING OF POMEGRANATE BY-PRODUCTS VIA GREEN EXTRACTION AND THEIR ANTITHROMBOTIC ACTIVITY**
E. Kourmazou, A. Ofrydopoulou, A. Tsoupras

10.50-11.00 **INNOVATIVE PORPHYRIN – BASED PHOTOCATALYSTS ON 3D – PRINTED STRUCTURES FOR RAPID WATER DECONTAMINATION**
C. Kampouri, E. Banta, P. Bantas, I. K. Bogdani, A. Nalmpant, G. Maliaris, K. Ladomenou

11.00-11.15 **MODERN TECHNOLOGIES FOR CIVIL PROTECTION IN LOCAL GOVERNMENT**
V. Pipitsoulis

11.15-12.30 **WORKSHOP II: CLIMATE RISKS: GOVERNANCE AND PREPAREDNESS IN GREECE – COORDINATION AS A FOUNDATION FOR BUILDING RESILIENCE | Open to the public**

It is being implemented at the initiative of the Hellenic Network of Resilient Cities (EL.D.A.P.) to strengthen the ecosystem of Greece's Adaptation Hub. The workshop aspires to serve as a meaningful bridge between international approaches and good practices, on the one hand, and the everyday realities faced by Greek municipalities and local communities, on the other.

Participants include:

- Mr. Anastasios Kagiaoglou, Mayor of Paranesti,
- Mr. Theodoros Markopoulos, Governor of the Regional Unit of Kavala,
- Mr. Manolis Chatzopoulos, General Director of Development Agency of Drama S.A.,
- Mr. Marios Papanikolaou, Department of Environment, Ministry of Agriculture, Rural Development and Environment of Cyprus.

Moderator: Mr. Andreas Stergiou, Vice-President of the Board of Directors of the Hellenic Network of Resilient Cities and Mayor of Argitheia.

12.30-13.00 COFFEE BREAK

13.00-13.45 **WORKSHOP III: MUNICIPAL NETWORKS IN CIVIL PROTECTION: THE CASE OF DYOPP –NETWORK FOR THE OPERATIONAL SUPPORT AND TRAINING OF CIVIL PROTECTION VOLUNTEER GROUPS | OPEN TO THE PUBLIC**

The workshop highlights the role of municipal networks in civil protection, with a focus on DYOPP – the Network for the Operational Support and Training of Civil Protection Volunteer Groups. It aims to showcase how local authorities can strengthen coordination, operational readiness, and volunteer capacity through structured cooperation, shared training, and practical support mechanisms.

Participants include:

Mr. Konstantinos Kokolakis, Special Advisor to the Municipality of Thermaikos on Civil Protection matters
Mr. Konstantinos Kougioumtzidis, Deputy Mayor for Civil Protection, Municipality of Thermi
Mr. Georgios Babaratsas, Deputy Mayor for Cleanliness, Environment & Recycling (Panorama-Pylaia District), Municipality of Pylaia-Chortiatis
Mr. Stavros Fetkos, Deputy Mayor for Urban Resilience, Civil Protection & Security, Municipality of Pavlos Melas

Moderator: Mr. Triantafyllos Bouchounas, Technical Advisor, DYOPP (Network for the Operational Support and Training of Civil Protection Volunteer Groups)

Chairs Sessions XXII & XXIII: Mittas N., Mitrou L., Stevens G.

SESSION XXII

13.45-14.00 **BEYOND SKILLS: META-COMPETENCES FOR EDUCATORS IN CONTEXTS OF DISRUPTION, DRR, AND RESILIENCE**
M. Roussi, E. Damaskou

- 14.00-14.10 **UTILIZATION OF PROJECT METHOD FOR TEACHING INTERMOLECULAR AND INTRAMOLECULAR FORCES**
E. Fouriki, V. Dallas, D. M. Georgiadis, K. Antonopoulos, A. Thysiadou
- 14.10-14.20 **THE SIGNIFICANCE OF VIDEO RECORDED EDUCATIONAL EXPERIMENTS IN THE INSTRUCTION OF THE REFRACTIVE INDEX**
K. Memekidi, I. A. Kontokontis, G. A. Chatzipaschalis, A. Thysiadou
- 14.20-14.30 **INNOVATIVE TEACHING AND ASSESSMENT METHODS FOR THE TOPIC OF SINGLE DISPLACEMENT CHEMICAL REACTIONS**
D. Karagkiozis, A. Loukidou, Z. Mimitou, M.-I. Panou, P. Papandreou, A. Thysiadou

14.30-15.30 LIGHT LUNCH

SESSION XXIII

- 15.30-15.40 **GUIDING PRINCIPLES FOR IMPROVING THE ETHICAL CULTURE OF LAW STUDENTS**
Delia Magherescu
- 15.40-15.50 **REGULATORY CONFLUENCE IN CRISIS GOVERNANCE: ARCHITECTING INTEROPERABLE INFORMATION SYSTEMS FOR EU CIVIL PROTECTION THROUGH THE CONVERGENT FRAMEWORK OF AI ACT, GDPR, AND NIS2 COMPLIANCE**
P. Kotonopoulos
- 15.50-16.00 **HOW DID COVID 19 ERODE THE HUMAN CAPITAL AND WHAT IS THE ROLE OF STATES IN REVERSING THE EFFECTS OF THE PANDEMIC ON NEW GENERATIONS**
C. Bitouliotis
- 16.00-16.10 **ASSESSING THE ACCESSIBILITY OF TRANSPORTATION EMERGENCY MANAGEMENT FOR PERSONS WITH DISABILITIES: A CANADIAN CASE**
S. Butler, M. Sipos, A. Aliu
- 16.10-16.20 **ETHICS IN PUBLIC HEALTH EMERGENCIES AND DISASTER MANAGEMENT**
V. Kourkouni, E. Lahana
- 16.20-16.30 **RESILIENCE OF CONCRETE WITH EXPANDED POLYSTYRENE FROM MARINE WASTE IN CHEMICALLY AGGRESSIVE ENVIRONMENTS**
A. Peraki

Chair Session XXIV: Thysiadou A., Kletnikov N., Drosos D.

SESSION XXIV

- 16.30-16.40 **APPLYING GREEN LEAN SIX SIGMA FOR RESILIENT HOSPITAL SYSTEMS: ADVANCING PUBLIC HEALTH SECURITY IN TIMES OF CRISIS**
A. Vasileiou, E. Sfakianaki, A. Kakouris
- 16.40-16.50 **AUTONOMOUS SYSTEM FOR SUPPLY ENERGY IN A HOSPITAL UNDER ANY SITUATION OF CRISIS OR DISASTER, CASE STUDY: IERAPETRA AND ERMOUPOLI**
A. Vasileiadou, A. A. Thysiadou, J. G. Fantidis
- 16.50-17.00 **COMPARATIVE ASSESSMENT OF QUALITY OF LIFE AND PHYSICAL FUNCTION IN PATIENTS WITH NON-SPECIFIC CHRONIC LOW BACK PAIN: A COMPARISON OF SURGICAL TREATMENT AND CONSERVATIVE THERAPEUTIC EXERCISE**
P. Doukas, A. Goula, G. Pierrakos, A. Filippou
- 17.00-17.10 **TECHNO-ECONOMIC FRAMING OF A PEM-BASED HYDROGEN-TO-POWER SYSTEM FOR A GREEK NON-INTERCONNECTED ISLAND**
G. Varras, M. Chalaris
- 17.10-17.20 **DEVELOPMENT OF BIO-DERIVED NANOCOMPOSITE MATERIALS WITH ENHANCED MECHANICAL AND ABSORPTIVE PROPERTIES**
M. Nenou, I. Koumentakou, S. Kavafaki, G. Z. Kyzas
- 17.20-17.30 **SYNERGISTIC EFFECTS OF NANOBUBBLES AND CARBON NANOMATERIALS ON CEMENT HYDRATION AND MICROSTRUCTURAL EVOLUTION**
M. A. Tsaroucha, R. I. Kosheleva, Z. S. Metaxa, A. Ch. Mitropoulos

17.30-18.00 COFFEE BREAK

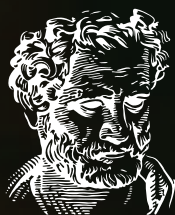
SESSION XXV

- 18.00-18.10 **ENHANCING WATER RESILIENCE AGAINST CLIMATE RISKS: LOW-ENERGY FORWARD OSMOSIS USING NANOBUBBLES**
G. M. Maris, A. Moutzouroglou, R. I. Kosheleva, A. Ch. Mitropoulos
- 18.10-18.20 **HYDROPYRO: AN AI-DRIVEN PLATFORM FOR INTEGRATED WILDFIRE AND FLOOD RISK PREDICTION AND ENVIRONMENTAL DECISION SUPPORT**
A. Kalafatas
- 18.20-18.30 **POROUS CHITOSAN/CARBOXYMETHYL CELLULOSE AEROGELS MODIFIED WITH ACTIVATED CARBON AND MAGNESIUM OXIDE AS ADVANCED SORBENTS FOR CR(VI) REMOVALS.**
Eginloglou, K. N. Maroulas, I. Koumentakou, G. Z. Kyzas
- 18.30-18.40 **EMERGING CONTAMINANTS ACROSS SOIL AND AGRI-FOOD MATRICES: A ONE HEALTH ANALYTICAL FRAMEWORK WITH VALIDATED METHODOLOGY AND UNCERTAINTY ASSESSMENT**
A. Papadopoulou, M. Kalampoka, C. Nannou
- 18.40-18.50 **PLANT-BASED MILK ALTERNATIVES UNDER SCRUTINY: PESTICIDE RESIDUE PROFILING AND REGULATORY GAPS IN AN EVOLVING FOOD LANDSCAPE**
N. Orologidi, C. K. Tsamtzidou, M. Kalampoka, V. Boti, E. Karageorgou, C. Nannou
- 18.50-19.00 **TOXICOLOGICAL EVALUATION OF TITANIUM DIOXIDE NANOPARTICLES (TiO₂ NPS) IN BIOLOGICAL AND ENVIRONMENTAL SYSTEMS**
N. A. Kasviki

SESSION XXVI

- 19.00-19.10 **TOXICOLOGICAL EVALUATION OF SILVER NANOPARTICLES (AGNPS) IN BIOLOGICAL AND ENVIRONMENTAL SYSTEMS**
P. Tzevelekou
- 19.10-19.20 **SYNTHESIS OF THIOLATED GRAPHENE OXIDE/CHITOSAN AEROGEL FOR ENHANCED OIL-SPILL REMEDIATION: SYNTHESIS, CHARACTERIZATION, AND ADSORPTION MECHANISMS**
M. Triamataki, I. Koumentakou, G. Kyzas
- 19.20-19.30 **FORMULATION AND CHARACTERIZATION OF COSMETIC PRODUCTS ENRICHED WITH OLIVE LEAF EXTRACTS: PHOTOPROTECTIVE, ANTIOXIDANT, AND STABILITY ASSESSMENT**
A. Giannoulaki, V. D. Prokopiou, A. Ofrydopoulou, A. Tsoupras
- 19.30-19.40 **SYNTHESIS AND STUDY OF METAL DOPED CARBON DOTS AS INNOVATIVE ANTIMICROBIAL AGENT FOR PUBLIC HEALTH PROTECTION**
I. K. Bogdani, K. Ladomenou
- 19.40-19.50 **REFRAMING THE TRAINER: PROFESSIONAL PROFILES FOR EDUCATOR FORMATION IN CONTEXTS OF DISRUPTION, DRR, AND RESILIENCE**
M. Roussi

END OF CONFERENCE



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