



TIEMS 2022 HYBRID ANNUAL CONFERENCE PROGRAM

ATLANTA, GEORGIA, USA, 17TH - 21ST OCTOBER 2022



Day/Chair Time	Monday 17 th October Chair: Larry Porter	Monday 17 th October Chair: Kyle King	Tuesday 18 th October Chair: George Markowsky	Wednesday 19 th October Chair: Thomas Robertson	Thursday 20 th October Chair: Roman Tandlich	Friday 21 st October Chair: Larry Porter	Friday 21 st October Chair: Josef Leitmann
0800 - 0830	Registration for Workshop & Conference		Registration for Conference	Registration for Conference	Registration for Conference	Registration for Conference	
0830 - 0900			TIEMS RTD Activities	Session 9 TQC & TQAC Panel	Session 14 FIRE – RES & FIRELOGUE Panel		
0900 - 1000	TQC & TQAC Workshop Physical	Session 1 Innovations and Challenges in Disaster Resilience	Session 5 IMPETUS Panel			TQC & TQAC Workshop Virtual	Session 19 Emergency Management – African Perspective
1000 - 1030	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea	
1030 - 1100	TQC & TQAC Workshop Physical	Session 2 War in Ukraine: Emergency and Disaster Management Perspective	Session 6 Welcome and Opening James Westbrook	Session 10 Keynote Jeffrey Stern	Session 15 Keynote Arnel Capili	TQC & TQAC Workshop Virtual	Session 20 Environmental and Technology Approaches in Emergency Management
1100 - 1130			Keynote by TIEMS President	Session 11 HOUP Help OF Ukrainian People Panel	Session 16 Medical and Human Wellbeing Issues in Disaster and Emergency Management		
1130 - 1250			TIEMS Annual General Meeting				
1250 - 1350	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
1350 - 1530	TQC & TQAC Workshop Physical	Session 3 People and Crises/Emergencies	Session 7 Challenges in Addressing Complex Disasters and Emergency Situations	Session 12 Emergency Management – Chinese Perspective	Session 17 Theory and Practice in Disaster and Emergency Management	TQC & TQAC Workshop Virtual	
1530 - 1600	Coffee/Tea		Coffee/Tea	Coffee/Tea	Coffee/Tea	Coffee/Tea	
1600 - 1700	TQC & TQAC Workshop Physical	Session 4 Water Provision and Related Issues in Emergencies/Disasters	Session 8 Regional and International Topics Disaster and Emergency Management	Session 13 Disaster and Emergency Management Considerations on the Ukrainian War	Session 18 Resilience Network & TIEMS 2023 in South Africa Conference Summary & Conclusions	TQC & TQAC Workshop Virtual	
1700 –	End of Day		Welcome Reception	Conference Dinner	Free time in Atlanta	End of Conference	

CONFERENCE SPONSOR



DAILY SCHEDULES

TIEMS 2022 Hybrid Annual Conference Monday 17th October 2022

Chairman: Larry Porter, Ph.D., CEM[®], TQC[™]

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 09:00		REGISTRATION		
09:00 17:00		TQC/TQAC WORKSHOP (PHYSICAL) PRESENTER: LARRY PORTER		

TIEMS 2022 Hybrid Annual Conference Monday 17th October 2022

Chairman: Kyle King, Capacity Building International, USA

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 09:00	REGISTRATION			
09:00 10:00	SESSION 1 INNOVATIONS AND CHALLENGES IN DISASTER MANAGEMENT AND RESILIENCE INTRODUCTION OF DAY 1 BY CHAIR: KYLE KING			
09:00 09:20	Christopher Tarantino	HUMAN-CENTERED, RESILIENCE-FOCUSED INNOVATION CULTURE	Epicenter Innovation	USA
09:20 09:40	Alessandro Lazari	THE ROLE OF SPACE-BASED ASSETS IN DISASTER RISK REDUCTION AND PUBLIC WARNING	F24 AG	GERMANY
09:40 10:00	Sandro Bologna	WE DON'T JUST NEED RESILIENT INFRASTRUCTURE, BUT INFRASTRUCTURE FOR RESILIENCE: THE ROLE OF CLIMATE RESILIENT INFRASTRUCTURE	AIIC Board Member	Italy
10:00 10:30	COFFEE/TEA/WATER			
10:30 12:50	SESSION 2 WAR IN UKRAINE: EMERGENCY AND DISASTER MANAGEMENT PERSPECTIVE			
10:30 10:50	Serhii Chumachenko, Serhii Khopersky and Serhii Seryogin	THE PROJECT FOR THE CREATION OF A FACILITY FOR THE PURIFICATION OF DRINKING AND ECONOMIC WATER IN THE CONDITIONS OF EMERGENCY SITUATIONS OF A MILITARY AND MAN-MADE NATURE	Public Organisation «Civil Protection (profi) Manager's Association»	UKRAINE

10:50 11:10	Serhii Chumachenko, Olexandr Lysenko and Volodymyr Slobodianyuk	METHODOLOGICAL SUPPORT FOR SUBSTANTIATION OF REQUIREMENTS TO WIRELESS SENSOR NETWORKS OF INFORMATION SUPPORT SYSTEMS FOR ASSESSING AND FORECASTING THE STATE OF THE NATURAL ENVIRONMENT OF THE TERRITORIES OF DISTRIBUTED MAN-MADE OBJECTS	Public Organisation «Civil Protection (profi) Manager's Association»	UKRAINE
11:10 11:30	Serhii Chumachenko¹⁾, Ihor Honcharenko²⁾ and Maryna Oskina²⁾	THE IMPACT OF ODOUR INFLUENCES AS A PART OF THE INDUSTRIAL EMISSIONS OF ENTERPRISES PROCESSING AGRICULTURAL PRODUCTS ON ENVIRONMENTAL AND CLIMATIC SAFETY AND SUSTAINABLE DEVELOPMENT OF LOCAL COMMUNITIES	Public Organisation «Civil Protection (profi) Manager's Association» ¹⁾ Ecology and Environmental Management Department of the V. N. Karazin Kharkiv National University ²⁾	UKRAINE
11:30 11:50	Serhii Chumachenko¹⁾, Olexandr Lysenko²⁾ and Olena Tachinina³⁾	THE PROCEDURE FOR DETERMINING THE COMPOSITION OF SENSORS OF THE WIRELESS SENSOR NETWORK OF THE SYSTEM FOR MONITORING THE STATE OF THE NATURAL ENVIRONMENT OF MILITARY TRAINING GROUNDS	Public Organisation «Civil Protection (profi) Manager's Association» ¹⁾ National technical university of Ukraine «Igor Sikorsky Kyiv polytechnic institute» ²⁾ Avionics Department Faculty of Air Navigation, Electronics and Telecommunications National Aviation University ³⁾	UKRAINE
11:50 12:10	Serhii Chumachenko, Serhii Ponomarenko and Sergiy Khopersky	PRINCIPLES OF CREATING AN ORGANIZATIONAL STRUCTURE OF RAPID RESPONSE TO SUPPORT THE AFFECTED POPULATION IN THE CONDITIONS OF THE WAR IN UKRAINE	Public Organisation «Civil Protection (profi) Manager's Association»	UKRAINE

12:10 12:30	Serhii Chumachenko¹⁾, Alona Mykhailova²⁾, Rustam Murasov³⁾, Oleksii Pyrikov⁴⁾ and Oleksandr Fursenko²⁾	METHODOLOGICAL BASES FOR RANKING INTER-INDUSTRY POTENTIALLY DANGEROUS OBJECTS OF THE CRITICAL INFRASTRUCTURE OF THE STATE ACCORDING TO THE LEVEL OF NATURAL AND TECHNOLOGICAL THREAT IN THE CONDITIONS OF ARMED CONFLICT	Public Organisation «Civil Protection (profi) ¹⁾ Manager's Association» Institute of Public Administration and Scientific Research on Civil Protection ²⁾ National Defence University of Ukraine named after Ivan Cherniakhovsky ³⁾ Public organization "Development for the Future" ⁴⁾	UKRAINE
12:30 12:50	Emma D Chapman¹⁾, Rene Oosthuizen¹⁾, Jozef Ristvej²⁾, Tomáš Tandlich³⁾²⁾ and Roman Tandlich¹⁾	WHAT IS A CRISIS, AN EMERGENCY OR A DISASTER? THEORETICAL ANALYSIS OF THREE RECENT EXAMPLES AND THE LESSONS GOING FORWARD	Rhodes University ¹⁾ University of Žilina ²⁾ University of Konštantín Filozof ³⁾	SOUTH AFRICA¹⁾ & SLOVAKIA²⁾
12:50 13:50	LUNCH			
13:50 15:30	SESSION 3 PEOPLE AND CRISES/EMERGENCIES			
13:50 14:10	Stanley Yehiane¹⁾ and Lungile Prudence Zondi²⁾	EMERGENCY MANAGEMENT OF THE INTERNALLY DISPLACED PEOPLE (IDP) IN THE WAKE OF THE EXTREMIST ATTACKS IN NIGERIA	Department of Political and Administrative Studies, University of Botswana ¹⁾ College of Humanities, University of KwaZulu- Natal ²⁾	BOTSWANA¹⁾ & SOUTH AFRICA²⁾
14:10 14:300	Ruben Cattan	ABSTRACT OSLO USE CASE TRENDS ON ACTS OF TERROR	1702 AI	ISRAEL
14:30 14:50	Marilyn Tamayo	THE INFLUENCE OF STRESS AND MENTAL HEALTH ON THE PSYCHOLOGICAL RESILIENCE OF PUBLIC SAFETY OFFICERS	Philippine Public Safety College	PHILIPPINES

14:50 15:10	Aditi Tyagi	SOCIO-PSYCHOLOGICAL IMPACT OF COVID-19 PANDEMIC ON CHILDREN IN INDIA	Department of Political Science, Indira Gandhi University, Meerpur, Rewari (Haryana)	INDIA
15:10 15:30	Christian Sommade	EMERGENCY AND CRISIS MANAGEMENT: IN THE SUCCESSION OF CRISIS, HOW TO DEAL WITH CONTINUOUS OVERLOAD OF CAPACITY?	Délégué Général du Haut Comité Français pour la Résilience Nationale	FRANCE
15.30 16:00	COFFEE/TEA/WATER			
16:00 17:00	SESSION 4 WATER PROVISION AND RELATED ISSUES IN EMERGENCIES/DISASTERS			
16:00 16:20	Robyn J Bayne¹⁾, Kelly Maguire²⁾, Rene Oosthuizen²⁾ and Roman Tandlich²⁾	QUALITY OF THE SHIPPED DRINKING WATER IN A DROUGHT-STRICKEN COUNTRY	Stenden South Africa ¹⁾ Rhodes University ²⁾	SOUTH AFRICA
16:20 16:40	Craig Hansen	LATEST RESEARCH OUTPUTS: WHAT WE HAVE LEARNED ABOUT CRITICAL INFRASTRUCTURE EMERGENCY MITIGATION, FIRE WATER OVERFLOW POLLUTION REDUCTION AND DRONE DEPLOYMENT	University of Applied Research & Development	NEW ZEALAND
16:40 17:00	Jakub Ryzenko, Emil Wrzosek and Anna Nk	SUPPORT FOR COORDINATION AND SAFE OPERATIONAL USE OF DRONES IN CRISIS MAMEGEMENT - SEARCH AND HELP SYSTEM	CBK PAN - Crisis Information Centre Crisis Information Centre	POLAND
1700	SUMMARY OF DAY 1 BY CHAIR: KYLE KING			
END OF CONFERENCE DAY 1				



TIEMS 2022 Hybrid Annual Conference Tuesday 18th October 2022

Chairman: George Markowsky, Kennesaw State University, USA

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 08:30	REGISTRATION			
08:30 10:00	SESSION 5 INTRODUCTION OF DAY 2 BY CHAIR: GEORGE MARKOWSKY TIEMS RTD ACTIVITIES AND PANEL			
08:30 08:45	K. Harald Drager	TIEMS RESEARCH AND DEVELOPMENT ACTIVITIES	TIEMS PRESIDENT	NORWAY
08:45 10:00	Joe Gorman¹⁾ (Panel Chair), Joe Levy²⁾, Maria Mirada³⁾, Ron Ofer⁴⁾, Osman Ibrahim⁵⁾¹⁾ & Bruno Bonomini⁶⁾	PANEL PRESENTATIONS AND DISCUSSION ON THE IMPETUS EU PROJECT <ul style="list-style-type: none"> ▪ EXPECTED RESULT OF THE IMPETUS PROJECT¹⁾ ▪ WEAPON DETECTION TOOL²⁾ ▪ SOCIAL MEDIA DETECTION TOOL³⁾ ▪ CYBER SECURITY DETECTION TOOL⁴⁾ ▪ EXPERIENCE FROM IMPETUS LIVE TEST IN CITY OF OSLO⁵⁾ ▪ EXPERIENCE FROM IMPETUS LIVE TEST IN CITY OF PADOVA⁶⁾ ▪ Q & A AND SUMMARY AND CONCLUSIONS¹⁾ 	SINTEF ¹⁾ CINEDIT ²⁾ INSIKT INTELLEGENCE ³⁾ SIXGILL ⁴⁾ OSLO KOMMUNE ⁵⁾ COMUNE DI PADOVA ⁶⁾	NORWAY ¹⁾ , SWITZERLAND ²⁾ , SPAIN ³⁾ , ISRAEL ⁴⁾ , ITALY ⁶⁾
10:00 10:30	COFFEE/TEA/WATER			
10:30 12:40	SESSION 6 WELCOME AND OPENING			

10:30 11:00	James Westbrook	JAMES WESTBROOK <i>Acting Director of Emergency Management at Kennesaw State</i> EMERGENCY MANAGEMENT IN HIGHER EDUCATION	Kennesaw State University	USA
11:00 11:30	K. Harald Drager	K. HARALD DRAGER <i>TIEMS PRESIDENT</i> TIEMS STATUS AND PLANS TOWARDS 2030	TIEMS President	NORWAY
11:30 12:50	TIEMS ANNUAL GENERAL MEETING ONLY FOR TIEMS MEMBERS			
12:50 13:50	LUNCH			
13:50 15:30	SESSION 7 CHALLENGES IN ADDRESSING COMPLEX DISASTERS AND EMERGENCY SITUATIONS			
13:50 14:10	Bhaskara Rao Mulam¹⁾ and Abhinav Walia²⁾	CHALLENGES OF IMPLEMENTATION OF SENDAI FRAMEWORK FOR DISASTER RISK REDUCTION AND EMERGENCY MANAGEMENT IN INDIA	Puducherry State Disaster Management Authority, Government of Puducherry ¹⁾ Centre for Disaster Management (CDM). LBSNAA, Mussoorie, Government of India ²⁾	INDIA
14:10 14:30	George Markowsky and L. Markowsky	MODELING THE EMERGENCE AND DISPLACEMENT OF COVID-19 VARIANTS AND SUBVARIANTS	Kennesaw State University	USA
14:30 14:50	Martina Baucic and Snjezana Knezic	USING SEMANTICS TO ENHANCE THE EMERGENCY MANAGEMENT CAPABILITIES	University of Split, Faculty of Civil Engineering, Architecture and Geodesy	CROATIA
14:50 15:10	Barbara Lucini	THE PANDEMIC SYSTEM: RETHINKING CRISIS MANAGEMENT PATTERNS CONSIDERING THE IMPACT OF WARFARE AND THE POLITICS OF EMERGENCY RESPONSES	Itstime, Department of Sociology, Catholic University, Milan	ITALY

15:10 15:30	Jaroslav Pejcoch¹⁾, Monika Kudrlova¹⁾, Raimar Scherer²⁾³⁾ and Byron Protopsaltis⁴⁾	EUROSTARS PROJECT BEST - REAL-TIME BUILDING EVACUATION SIMULATION & TRAINING SYSTEM FOR AIRBORNE HAZARDS & FIRE	T-SOFT¹⁾ TUD³⁾ FIDES⁴⁾	CZECH REPUBLIC¹⁾ & GERMANY²⁾
15.30 16:00	COFFEE/TEA/WATER			
16:00 17:00	SESSION 8 REGIONAL AND INTERNATIONAL TOPICS DISASTER AND EMERGENCY MANAGEMENT			
16:00 16:20	Hanan E. Muddathir	UN ENVIRONMENT - EUROPEAN COMMISSION: SUDAN, WADI PARTNERS FOOD SECURITY AND DISASTER RESILIENCE PROJECT	Environmental Initiative for Sustainable Development Organization (Envl)	SUDAN
16:20 16:40	Grace Endina	TO WHAT EXTENT CAN REGIONAL INTER- GOVERNMENTAL HUMANITARIAN ORGANISATIONS APPLY THE PRINCIPLE OF NEUTRALITY IN DELIVERING HUMANITARIAN ASSISTANCE IN CONFLICT- SETTINGS?	University of Bath	INDONESIA
16:40 17:00	Arnell Capili	HUMAN-CENTERED DESIGN TO TYPHOON PREPAREDNESS AND RESPONSE IN SOUTHEAST ASIA	Build Change, Country Director - Indonesia and the Philippines	PHILIPPINES
17:00	SUMMARY OF DAY 2 BY CHAIR: GEORGE MARKOWSKY			
17:00 -	WELCOME RECEPTION			
END OF CONFERENCE DAY 2				



TIEMS 2022 Hybrid Annual Conference Wednesday 19th October 2022

Chairman: Thomas Robertson, Thinking Teams, USA

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 08:30	REGISTRATION			
08:30 10:00	SESSION 9			
INTRODUCTION OF DAY 3 BY CHAIR: THOMAS ROBERTSON				
PANEL				
08:30 10:00	K. Harald Drager¹⁾ <i>(Chair)</i> , Kyle King²⁾⁹⁾ , Russell Dippy³⁾ , Yosuke Okita⁴⁾ , Vinod Menon⁵⁾ , Naill Momani⁶⁾ , Emma Chapman⁷⁾ , Larry Porter⁸⁾⁹⁾ & Mike Murphy¹⁰⁾⁹⁾	PANEL PRESENTATIONS AND DISCUSSION ON TIEMS INTERNATIONAL CERTIFICATIONS - TQC & TQAC <ul style="list-style-type: none"> ▪ Presentation of TIEMS International Certification TQC & TQAC Status Worldwide ▪ Experience and Potential of TQC & TQAC views from Australia, Japan, India, Dubai, South Africa and USA ▪ TQC & TQAC Examination and Monitoring ▪ Q & A and Conclusions and Further Development 	TIEMS ¹⁾ Capacity Building International ²⁾ South Australia Police ³⁾ Japan International Cooperation Agency ⁴⁾ TIEMS India ⁵⁾ Dubai Police Academy ⁶⁾ Student at Rhodes University ⁷⁾ Council for the Accreditation of Emergency Management & Homeland Security Education ⁸⁾ ProctorFree ¹⁰⁾	NORWAY¹⁾ , AUSTRALIA³⁾ , JAPAN⁴⁾ , INDIA⁵⁾ , UNITED ARAB EMIRATES⁶⁾ , SOUTH AFRICA⁷⁾ & USA⁹⁾
10:00 10:30	COFFEE/TEA/WATER			
10:30 12:40	SESSION 10 KEYNOTE SPEECH			

10:30 11:00	Jeffrey Stern	JEFFREY STERN <i>Superintendent, Emergency Management Institute, USA</i> THE FUTURE OF EMERGENCY MANAGEMENT TRAINING AND EDUCATION	Emergency Management Institute	USA
SESSION 11 PANEL				
11:00 12:50	Kyle King (Chair)¹⁾⁴⁾, Ukraine Representative²⁾ & Carl Taylor³⁾⁴⁾	HELP OF UKRAINIAN PEOPLE (HOUP) PANEL WITH PRESENTATIONS AND DISCUSSION <ul style="list-style-type: none"> ▪ Overview of TIEMS Medical System Help and Support to Ukraine¹⁾ ▪ Ukrainian Status and Needs²⁾ ▪ Presentation of the Medical System Solution³⁾ ▪ Presentation of the system Testing and Deployment in Ukraine³⁾ ▪ Q & A about TIEMS help and Support to Ukraine¹⁾ 	Capacity Building International ¹⁾	USA⁴⁾ & UKRAINE²⁾
12:50 13:50	LUNCH			
13:50 15:30	SESSION 12 EMERGENCY MANAGEMENT - CHINESE PERSPECTIVE			
13:50 14:10	Xueke Ma, Li Wen and Lei Xu¹⁾	INTEGRATED EVALUATION OF CHINA'S REGIONAL RESILIENCE BASED ON THE NATIONAL GENERAL SURVEY ON NATURAL DISASTER COMPREHENSIVE RISKS	Xihua University	CHINA
14:10 14:30	Minghui Lyu	GENDER DIFFERENCES IN PERCEPTIONS OF CLIMATE CHANGE AND METEOROLOGICAL DISASTERS IN CHINA	PMSC, China Meteorological Administration	CHINA
14:30 14:50	Johnston Wong¹⁾, Gabriel Owusu²⁾, Lina Lai¹⁾ and Candy Zhou¹⁾³⁾	TYPHOONS, DROUGHTS, AND LOW TEMPERATURE DISASTERS IN CHINA – USING GIS FOR BETTER EDM	Social Workers Across Borders ¹⁾ PhD candidate, School of Int'l and Public Affairs, Shanghai Jiao Tong University ²⁾	CHINA¹⁾, GHANA²⁾, & HONG KONG³⁾

14:50 15:10	Guosheng Qu	EMERGENCY BROADCAST SYSTEMS BASED ON DISASTER MONITORING AND EARLY WARNING FOR END-USERS: PLANNING AND APPLICATION	National Earthquake Response Support Service (NERSS), China Earthquake Administration	CHINA
15:10 15:30	Xuefeng Li	CHINA'S EMERGENCY MANAGEMENT MODERNIZATION AT THE 14TH FIVE-YEAR PLAN PERIOD	China National Academy of Governance	CHINA
15.30 16:00	COFFEE/TEA/WATER			
16:00 17:00	SESSION 13 DISASTER AND EMERGENCY MANAGEMENT CONSIDERATIONS ON THE UKRAINE WAR			
16:00 16:20	Thomas Robertson	RESTORING UKRAINIAN CELLPHONE COMMUNICATION	Thinking Teams	USA
16:20 16:40	Josef Leitmann	UKRAINE: INSTITUTIONAL ARRANGEMENTS FOR POSTWAR RECOVERY	University of California Disaster Resilience Network	USA
16:40 17:00	Charles Kelly	THE GREENING OF THE HUMANITARIAN RESPONSE TO THE CONFLICT IN UKRAINE	Independent	USA
17:00	SUMMARY OF DAY 3 BY CHAIR: THOMAS ROBERTSON			
17:00 -	CONFERENCE DINNER			
END OF CONFERENCE DAY 3				



TIEMS 2022 Hybrid Annual Conference Thursday 20th October 2022

Chairman: Roman Tandlich, Rhodes University, South Africa

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 08:30	REGISTRATION			
08:30 10:00	SESSION 14 INTRODUCTION OF DAY 3 BY CHAIR: ROMAN TANDLICH PANEL			
08:30 10:00	Antoni Trasobares¹⁾, Andrea Duane¹⁾, Jordi Garcia-Gonzalo¹⁾, Claudia Berchtold²⁾, Jean - Paul Monet³⁾, Mariza Kaskara⁴⁾ & K. Harald Drager(Chair)⁵⁾	PANEL PRESENTATIONS AND DISCUSSION ON THE FIRE - RES AND FIRELOGUE EU PROJECTS <ul style="list-style-type: none"> ▪ Overview of the FIRE - RES Project and the Living Labs (LL)¹⁾ ▪ Innovation Actions (IA's) in the FIRE - RES Project¹⁾ ▪ Expected Impacts and Indicators¹⁾ ▪ Q & A about the FIRE - RES Project⁵⁾ ▪ Overview of the FIRELOGUE Project²⁾ ▪ Presentation of the Civil Protection Working Group and its Focus and Expected Outcome³⁾ ▪ Presentation of the FIRELOGUE Wildfire Knowledge and Communication Platform⁴⁾ ▪ Q & A about the FIRELOGUE Project⁵⁾ 	Forest Science and Technology Centre of Catalonia ¹⁾ Fraunhofer ²⁾ TIEMS France ³⁾ National Observatory of Athens ⁴⁾ TIEMS ⁵⁾	SPAIN¹⁾, GERMANY²⁾, FRANCE³⁾, GREECE⁴⁾, & NORWAY⁵⁾
10:00 10:30	COFFEE/TEA/WATER			
10:30 12:40	SESSION 15 KEYNOTE SPEECH			

10:30 11:00	Arnel Capili	ARNEL CAPILI <i>Build Change, Country Director – Indonesia and the Philippines</i> TOWARDS PROFESSIONALIZING DISASTER MANAGEMENT PROFESSION IN ASEAN	Build Change	PHILIPPINES
11:00 12:50	SESSION 16 MEDICAL AND HUMAN WELLBEING ISSUES IN DISASTER AND EMERGENCY MANAGEMENT			
11:00 11:20	Rhea Penaflor	POLICY EVALUATION ON THE IMPLICATIONS TO HUMAN SECURITY WITH THE FULL DEVOLUTION TO LGUS OF THE DSWD’S SUSTAINABLE LIVELIHOOD PROGRAM (SLP) IN MARAWI CITY, MINDANAO, PHILIPPINES	Department of Social Welfare and Development, Republic of the Philippines	PHILIPPINES
11:20 11:40	Meen Poudyal Chhetri	NEED OF MEDICO-LEGAL DEATH INVESTIGATION SYSTEMS TO ENHANCE RESPONSE ON MANAGEMENT OF THE DEAD (MOTD)	Nepal Center for Disaster Management (NCDM)	NEPAL
11:40 12:00	K.C. Rondello	NOT YOUR FATHER’S M*A*S*H: ESTABLISHING ALTERNATE MEDICAL TREATMENT SITES	Adelphi University	USA
12:00 12:20	K.C. Rondello	JUST THE FACTS, MA’AM: THE WORK OF ‘DISEASE DETECTIVES’ IN A PUBLIC HEALTH CRISIS (AND HOW YOU CAN HELP!)	Adelphi University	USA
12:20 12:40	Angeli Medina	ENVISIONING A SUSTAINABLE TRANSFORMATION OF CHECHNYA’S CONFLICT TO MITIGATE HUMANITARIAN DISASTER	TIEMS/IAEM	USA
12:50 13:50	LUNCH			
13:50 15:30	SESSION 17 THEORY AND PRACTICE IN DISASTER AND EMERGENCY MANAGEMENT			

13:50 14:10	N. Vinod Chandra Menon	STRENGTHENING MULTI-HAZARD EARLY WARNING SYSTEMS (MHEWS) TO SAVE LIVES AND PROTECT LIVELIHOODS	TIEMS India	India
14:10 14:30	Yp Chawla¹⁾ and N Vinod Chandra Menon²⁾	CONCEPTUAL FRAMEWORK FOR FUTURE-READY RESILIENT POWER INFRASTRUCTURE	Independent Consultant Power Sector, Renewable Energy, Talent Development, Climate Change DRR ¹⁾ Independent Consultant-Disaster Risk Reduction, Climate Change adaptation, Public Policy Analysis ²⁾	INDIA
14:30 14:50	Nehat Koçinaj	TIME IS A READINESS FACTOR IN EMERGENCY RESPONSE	Emergency Management Agency	KOSOVO
14:50 15:10	William Krufft	INTEGRATING A CRISIS RESPONSE CAMPAIGN	US Army	USA
15:10 15:30	Simona Cavallini	CITIES FACING THE NEW CHALLENGES OF CLIMATE CHANGE. CASES IN EUROPE	Progress Consulting	ITALY
15.30 16:00	COFFEE/TEA/WATER			
16:00 17:00	SESSION 18 RESILIENCE NETWORK, TIEMS 2023 IN SOUTH AFRICA AND CONFERENCE SUMMARY & CONCLUSIONS			
16:00 16:20	Josef Leitmann	SPEAKING KNOWLEDGE TO POWER(FUL DISASTERS): THE UNIVERSITY OF CALIFORNIA DISASTER RESILIENCE NETWORK	University of California Disaster Resilience Network	USA
16:20 16:40	Roman Tandlich¹⁾, Siviwe Shwababa¹⁾, Rene Oosthuizen¹⁾,	STRATEGIC PLAN FOR THE 2023 TIEMS ANNUAL CONFERENCE IN SOUTH AFRICA	Rhodes University ¹⁾ Stenden South Africa ²⁾ TIEMS South Africa ³⁾	SOUTH AFRICA¹⁾ & BOTSWANA⁴⁾

	Des Pyle²⁾¹⁾, Peter Jacobus Brazer³⁾¹⁾, Mmaphaka Tau¹⁾, Sunitha Srinivas¹⁾ and Christopher Dick-Sagoe⁴⁾		University of Botswana ⁴⁾	
16:40 17:00	K. Harald Drager	SUMMARY & CONCLUSIONS	TIEMS President	NORWAY
17:00	SUMMARY OF DAY 4 BY CHAIR: ROMAN TANDLICH			
17:00 -	FREE TIME IN ATLANTA			
END OF CONFERENCE DAY 3				



TIEMS 2022 Hybrid Annual Conference Friday 19th October 2022

Chairman: Larry Porter, Ph.D., CEM[®], TQC[™]

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 09:00		REGISTRATION		
09:00 17:00		TQC/TQAC WORKSHOP (VIRTUAL) PRESENTER: LARRY PORTER		

CONFERENCE SPONSOR



TIEMS 2022 Hybrid Annual Conference Friday 21st October 2022

Chairman: Josef Leitmann, University of California Disaster Resilience Network, USA

TIME	Presenter/Authors	Title	Organization(s)	Country
08:00 09:00	REGISTRATION			
09:00 10:00	SESSION 19 EMERGENCY MANAGEMENT - AFRICAN PERSPECTIVE INTRODUCTION OF DAY 5 BY CHAIR: JOSEF LEITMANN			
09:00 09:20	Mercy Ndalila and Stanley Makindi	FIRE REGIME ASPECTS IN MOUNT KENYA IN THE FACE OF INCREASED GLOBAL VULNERABILITY TO WILDFIRES	Machakos University	KENYA
09:20 09:40	Christopher Dick-Sagoe¹⁾ and Roman Tandlich²⁾	AN INVESTIGATION INTO LOCAL GOVERNMENTS RESPONSES TO CLIMATE CHANGE IN AFRICA	Political and Administrative Studies Department, University of Botswana ¹⁾ Rhodes University ²⁾	BOTSWANA¹⁾ & SOUTH AFRICA²⁾
09:40 10:00	Gabriel Owusu	MAPPING THE TRENDS OF DISASTERS IN GHANA: GIS AS A TOOL FOR EMERGENCY AND DISASTER RISK MANAGEMENT	Shanghai Jiao Tong University	CHINA
10:00 10:30	COFFEE/TEA/WATER			
10:30 12:40	SESSION 20 ENVIRONMENTAL AND TECHNOLOGY APPROACHES IN EMERGENCY MANAGEMENT			

10:30 10:50	Jorge Gomes¹⁾ and Steve Peterson²⁾	SOCIAL MEDIA FOR DISASTER RISK MANAGEMENT: RESEARCHERS MEET PRACTITIONERS	VOST Portugal ¹⁾ Montgomery County CERT ₂₎	PORTUGAL¹⁾ & USA²⁾
10:50 11:10	Nipra Sharma¹⁾, Amarjeet Kaur²⁾, Priyanka Kumari²⁾, Parmita Bose³⁾ and Sachin Choudhary⁴⁾	ENVIRONMENTAL VULNERABILITY ASSESSMENT FOR SOUTH-WEST REGION OF DELHI USING AHP TECHNIQUE	LNJP Hospital, New Delhi ¹⁾ GGSIU, Dwarka, New Delhi ²⁾ Senior Resident Anaesthesia GTB Hospital ³⁾ Assistant Professor Surgery Santosh Medical College and Hospital ⁴⁾	INDIA
11:10 11:30		AVAILABLE TIME SLOT		
11:30 12:50		AVAILABLE TIME SLOT		
12:50 13:50	LUNCH			

