

TIEMS 2023 Hybrid Annual Conference in South Africa 11-15 September 2023

73 SUBMISSIONS by 26th of May 2023
From Authors coming from 28 Countries

Czech Republic, USA, Iran, France, Nigeria, Turkey, Norway, China, Hong Kong, Ukraine, South Africa, Botswana, India, UK, Italy, Nepal, Japan, New Zealand, Nigeria, Taiwan, Bulgaria, Peru, Sri Lanka, Switzerland, Poland, Greece, Australia & Indonesia



NO	AUTHORS	TITLE	COUNTRY
1	Jozef Sabol	THE MILITARY FIGHTING IN UKRAINE AND ITS ACTUAL AND POTENTIAL IMPLICATIONS IN AFFECTING RADIATION AND NUCLEAR SECURITY IN THE COUNTRY	CZECH REPUBLIC
2	Oliver Schmidt	WHAT COVID-19 HAS TAUGHT US ABOUT EFFECTIVE EMPLOYEE COMMUNICATION (AND HOW THE LEARNINGS CAN BE APPLIED TOWARD MANAGING OTHER CRISES)	USA
3	Farhad Mirzaei	LIVESTOCK EMERGENCY RESPONSE IN THE CONTEXT OF DROUGHT AND WATER DEFICIT: IRAN EXPERIENCES	IRAN
4	Henry Chima Ukwuoma, Gilles Dusserre, Gouenou Coatrieux and Johanne Vincent	DIGITAL TWIN BASED ANOMALY DETECTION FOR AN IMPROVED CYBER SECURITY IN A WATER DISTRIBUTION SYSTEM	FRANCE
5	Song Shombot Emmanuel, Gilles Dusserre, Robert Bestak and Nasir Baba Ahmed	STATE-OF-THE-ART ANALYSIS OF CYBERATTACK TRENDS IN THE HEALTHCARE SECTOR	FRANCE & CZECH REPUBLIC
6	Nasir Baba Ahmed, Gilles Dusserre and Dayo Ashonibare	CYBERSECURITY AND INCIDENT RESPONSE CHALLENGES IN THE AFRICAN CONTINENT: A CASE OF THE NIGERIAN SYSTEM	FRANCE & NIGERIA
7	Nanlok Henry Nimlang, Gilles Duserre, Sandrine Bayle, Kivanc Ertugay and Sebnem Duzgun	MALARIA RISK PREDICTIVE MODELLING IN THE NORTHERN ZONE OF PLATEAU STATE, NIGERIA	FRANCE & TURKEY & USA
8	Nimisingha Jacob Amakama, Gilles Duserre, Axelle Cadere, R. Wade Schuette and Gregory Zacharewics	AN AGENT-BASED SIMULATION ASSESSMENT OF THE IMPACT OF AMBULANCE DISPATCH POLICY ON PATIENT MORTALITY OUTCOME IN HOSPITAL SYSTEMS: A DISASTER RESPONSE TEST CASE	FRANCE & USA

9	K. Harald Drager	TIEMS CELEBRATES ITS 30TH ANNIVERSARY - WHAT IS ACHIEVED AND WHAT ARE THE PLANS FOR THE FUTURE	NORWAY
10	Mykhailo Popov, Sergey Stankevich, Sergey Mosov and Ievgen Saprykin	DRONE-BASED LANDMINE DETECTION BY IMAGE AND SIGNAL FUSION	UKRAINE
11	Thomas Robertson	AI RISKS AND EMERGENCY MANAGEMENT	USA
12	Johnston Wong, Lina Lai, Candy Zhou and Paul Tsang	TURKEY-SYRIA EARTHQUAKE, A NEW CHALLENGE FOR EMERGENCY RESPONSE AND RECOVERY	CHINA & HONG KONG
13	Gregory Vigneaux	MANAGING UNCERTAINTY IN EMERGENCY MANAGEMENT THROUGH EXPLANATION	USA
14	Ørjan Nordhus Karlsson and Jacob Kringen	A CHANGE OF PLANS? - THE ROLE OF CRISIS MANAGEMENT PLANS AT THE ONSET OF A COMPLEX, TRANSBOUNDARY CRISIS - THE CASE OF COVID-19 IN NORWAY	NORWAY
15	Sergey Stankevich, Irina Piestova and Artur Lysenko	SATELLITE SYNTHETIC APERTURE RADAR SUPERRESOLUTION FOR DISASTER MONITORING	UKRAINE
16	Emma D. Chapman and Roman Tandlich	SEARCH VOLUMES FROM AN INTERNET SEARCH ENGINE AS A TOOL TO EVALUATE THE LEVELS AND DRIVERS OF SOUTH AFRICAN PUBLIC'S INTEREST IN EXCEPTIONAL SITUATIONS AND ACCOUNTABILITY	SOUTH AFRICA
17	Aditi Tyagi	SOCIO-PSYCHOLOGICAL IMPACT OF COVID-19 PANDEMIC ON CHILDREN IN INDIA	INDIA
18	Lee Miles	META-LEADERSHIP AND SINGLE POINTS OF FAILURE' EVALUATING THE NOVEMBER 2021 WELLINGTON FUEL TANKER INCIDENT IN SIERRA LEONE	UK

19	Roman Tandlich	RAINFALL AND RAINWATER HARVESTING POTENTIAL IN A MODEL SINGLE HOUSEHOLD HOMES IN A SOUTH AFRICAN LOCAL MUNICIPALITY	SOUTH AFRICA
20	Mark Ashley Parry	TRUST, TRUTH, THE NIHILISTIC STATE AND DISASTER RISK REDUCTION	UK
21	Asante Msimang and Roman Tandlich	CONTINUED ACCOUNTABILITY IN THE AFTERMATH OF THE 2017-2018 EPIDEMIC DISASTER OF LISTERIOSIS IN SOUTH AFRICA	SOUTH AFRICA
22	Sandro Bologna	INFRASTRUCTURE INTERDEPENDENCIES AND RISKS DUE TO CLIMATE CHANGE IMPACTS	ITALY
23	Jaroslav Pejcoch and Monika Kudrlova	EUROSTARS BEST PROJECT - CONFINED SPACE EVACUATION & FLUID MODELLING & DYNAMIC VISUALISATION	CZECH REPUBLIC
24	Meen Poudyal Chhetri	THE ROLE OF GOOD GOVERNANCE FOR EFFECTIVE DISASTER RISK REDUCTION AND MANAGEMENT (DRRM)	NEPAL
25	Yosuke Okita, K. Harald Drager, Sandro Bologna, Larry Porter and Grace Endina	CERTIFICATION SYSTEMS FOR DISASTER AND EMERGENCY MANAGEMENT	JAPAN, ITALY, NORWAY, USA & INDONESIA
26	Sachin Gaur and Kyle King	FOUNDATION MODEL FOR GENERALIST EMERGENCY RESPONSE AND DISASTER MANAGEMENT ARTIFICIAL INTELLIGENCE	INDIA & USA
27	Josef Leitmann	BUILDING RESILIENCE IN AN URBANIZING WORLD: AN UNPRECEDENTED OPPORTUNITY FOR REDUCING DISASTER RISKS	USA

28	K. Harald Drager (Chair), Yosuke Okita & Al.	PANEL DEBATE ON: TIEMS INTERNATIONAL CERTIFICATIONS - TQC & TQAC - COMPARED WITH OTHER CERTIFICATION SCHEMES WORLDWIDE	NORWAY & JAPAN
29	Kyle King (Chair), Thomas Robertson, Sachin Gaur & Al.	PANEL DEBATE ON: ARTIFICIAL INTELLIGENCE USE, BENEFITS AND CHALLENGES IN EMERGENCY MANAGEMENT	USA, & INDIA
30	Sandro Bologna (Chair) & Al.	PANEL DEBATE ON: SMART CITY OPERATIONAL AND TECHNOLOGICAL SOLUTIONS FOR IMPROVED PUBLIC SAFETY	ITALY
31	Earl Prinsloo and Garth L Abrahams	ADDITIVE MANUFACTURING OF LOW-COST NUCLEIC ACID ELECTROPHORESIS EQUIPMENT: A CASE FOR 3D PRINTERS AS STANDARD LABORATORY EQUIPMENT	SOUTH AFRICA
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34	Stanley Ehiane and Tanaka Candida Mugabe	EMERGENCY PREPAREDNESS RESPONSE TO MARITIME PIRACY IN NIGERIA: A CHALLENGE TO NATIONAL SECURITY	BOTSWANA & SOUTH AFRICA
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38	Craig Hansen	THE RISE OF CREDENTIALS IN HIGHER EDUCATION	NEW ZEALAND
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40	Jaiye Dukiya	COMMUNITY CONFLICT MANAGEMENT AND EFFECTIVE EMPOWERMENT INTERVENTIONS IN NIGERIA	NIGERIA
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42	Rod Walker	CLEAN HANDS COMBATING COVID	SOUTH AFRICA
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44	Jorge Diaz	FROM A LOCAL CRISIS TO A GLOBAL PERSPECTIVE ON HUMANITARIAN AID MANAGEMENT	PERU
45	A. A. Virajh Dias, A.M.K.B. Attapatthu, J.A.D.N.A. Jayasooriya and H.M.J.M.K. Herath	RECTIFICATION OF ROAD-BASED UNCERTAINTY IN LANDSLIDE DISASTER EMERGENCIES	SRI LANKA

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47	George Markowsky and Linda Markowsky	THE STATE OF PANDEMIC TRACKING IN THE UNITED STATES	USA
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73	De Uwizeyimana	EVALUATION OF THE SUCCESSES AND FAILURES OF RWANDA'S VISION 2020	SOUTH AFRICA
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