

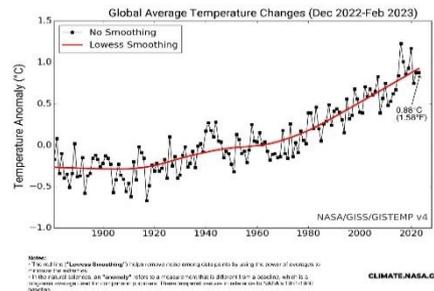
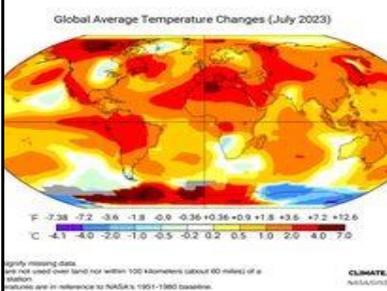


TIEMS PRESIDENT 2023 ANNUAL REPORT



TIEMS Celebrates its 30th Anniversary with

TIEMS 2023 Hybrid Annual Conference in South Africa



The World's Biggest Challenge in
2023 and Beyond is:
CLIMATE CHANGE!

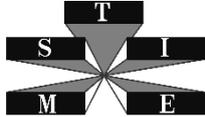




The International Emergency Management Society - TIEMS

<https://www.tiems.info>

MISSION



TIEMS prepares the world for emergencies. TIEMS is a global forum for education, training, certification, and policy for emergency and disaster management. We do not respond to emergencies: we ensure that others are ready to respond. This is important internationally because some parts of the world otherwise have limited support for preparation. As the international community discovers and develops new technologies, methodologies, and best practices, we offer conferences, webinars, certification, and training courses that rapidly and continuously spread the knowledge to every corner of the community. As policy makers grow to understand both the need for preparation and the support TIEMS provides, we expect to influence policy choices that strengthen cooperation among regional communities before disasters strike.

CHAPTERS



Chapters provide a regional focus for TIEMS activities. This is important because every region has unique circumstances and challenges, so there is no planning process that applies everywhere.

Currently TIEMS has 15 chapters representing: Belgium/Netherlands/Luxembourg, China, Finland, India, Iraq, Italy, Japan, Korea, Middle East and North Africa, Nigeria and West Africa, Romania, United States of America, Philippines, France, and

South Africa. Australia is under establishment. Each of the chapters is autonomous. Some chapter members are members of TIEMS international, and others are local chapter members, with local rules governing membership. The chapter establishes local activities and coordinates with the rest of TIEMS as needed.

The TIEMS Secretariat, located in Brussels, is available to the chapters for administrative support. The chapters report annually to the Secretariat about chapter activities, plans and finances.

ACTIVITIES



- TIEMS organizes international conferences, webinars, and workshops, worldwide, with a focus on Emergency Management and Disaster Response Topics and new Technology.
- TIEMS engages in research & technology development (RTD) projects that enable TIEMS members to apply their expertise to international emergency management initiatives.
- The TIEMS International Group of Experts (TIGE) comprises ab. 100 experts from 22 countries with wide ranging expertise and experience available to assist with emergency preparedness planning and response worldwide.
- TIEMS Education and Training comprises TIEMS Academy with courses in Emergency Management and Disaster response and TIEMS International Certifications - TQC & TQAC for experts working with emergency management internationally.

MEMBERSHIP



As a member of the TIEMS, you are part of an international community of leaders, practitioners, and academics in emergency management, with diverse backgrounds in engineering, science, government, academics, military, and industry working together to make the world a safer place. Membership affords unique opportunities to **learn**, **serve**, and **network**.

Learn: From the multi-disciplinary, multinational TIEMS community and through special programs.

Serve: By helping us in our mission to reduce the impacts of disasters and emergencies worldwide.

Network: With regional and international colleagues to develop valued personal and professional relationships, and enhanced opportunities.



*You are welcome to join us as a
TIEMS member*

K. Harald Drager
TIEMS President

SUMMARY of TIEMS YEAR 2022 – 2023 by TIEMS President

(Covers the period 2022 and until 1st September 2023)

1 TIEMS President's 2022 - 2023 Reflections

TIEMS Presidents reflections on TIEMS developments and achievements during 2022 - 2023. [Read More...](#)

2 TIEMS 2022 Hybrid Annual Conference

TIEMS 2022 Annual Conference took place in Atlanta, USA as a hybrid event with about 90 presentations and two TQC & TQAC workshops. [Read More...](#)

3 TIEMS International Certifications - TQC & TQAC

TIEMS International Qualification Certifications (TQC & TQAC) are gaining strong interest worldwide, and candidates from 10 countries, USA, Japan, Australia, India, South Africa, Jordan, Nigeria, China, Nepal and Botswana, are already certified or undergoing certification. [Read More...](#)

4 TIEMS EU Projects 2022 - 2023

TIEMS is a partner in two ongoing EU projects lasting until 2025, FIRELOGUE and FIRE - RES, while the IMPETUS project finalized 28.02.2023. [Read More...](#)

5 TIEMS Chapters 2022 - 2023

The 2023 conference will be hosted by the TIEMS South Africa Chapter. TIEMS India with a re-established new board will host the TIEMS 2024 Hybrid Annual Conferences. [Read More...](#)

6 CBI - TIEMS Webinars 2022 - 2023

TIEMS - CBI (Capacity Building International) webinar series continued in 2022 - 2023, with a broader focus on emergency management and disaster response. [Read More...](#)

7 TIEMS Presidents Updates 2022 - 2023

TIEMS has in 2022 - 2023 concentrated on sending out short messages in the form of Updates from the TIEMS President, when there are news or important issues to be commented on by TIEMS. [Read More...](#)

8 TIEMS 2022 - 2023 Administration

Read about TIEMS Membership and how to join TIEMS, how to donate to TIEMS, and the TIEMS financial situation. TIEMS Directors and Officers are also presented, as well as TIEMS plans for the future. [Read More...](#)

1

TIEMS President's 2022 - 2023 Reflections

My 2022 - 2023 reflections are shown below in my presentation at the CIVIL - 20 SUMMIT in Jaipur, India late July this year.

Keynote by
K. Harald Dräger
TIEMS President

**Building Sustainable and Resilience Communities:
The Perspective of The
International Emergency
Management Society –
TIEMS**

<https://www.tiems.info>



1

★

**The World is at Risk
It is facing more
disasters, with much
higher frequency and
impact!**



2

★

In 2022, world faced 387 natural hazards and disasters, resulting in the loss of 30,704 lives and affecting 185 million individuals ¹⁾

Natural disasters caused global economic losses of \$313 billion in 2022, of which less than half was insured ²⁾

1) Source: The Emergency Event Database EM DAT
2) Source: Insurance broker Aon [aon.com](https://www.aon.com)



3

★

We are at a Tipping Point Affecting Human Lives and Livelihoods

- Increasing frequency, magnitude, numbers of people impacted and huge economic damage
- Widening inequalities among populations worldwide
- Worsening poverty and deprivation
- COVID-19 global pandemic showed that epidemics can affect millions of people with huge impact
- The Russian war with Ukraine is a tragedy and has huge impact worldwide

"We are the first generation to feel the impact of climate change and the last generation that can do something about it."
President Barack Obama



4

★

Global Scenario of Disasters and Climate Change

- Earthquakes
- Floods and Flash Floods
- Hurricanes
- Landslides and Mud Flows
- Volcanic eruptions
- Droughts and Famines
- Wildfires
- Industrial and Technological Disasters
- Chemical, Biological, Radiological and Nuclear Emergencies
- Sea Erosion and River Erosion
- Epidemics and Pandemics
- Transportation Accidents
- Global Warming
- Sea Level Rise
- Heat Waves
- Glacier melting
- Glacial Lake Outburst Floods (GLOFs)
- Snow Avalanches
- Extinction of several species
- Desertification
- Changing weather patterns
- Air Pollution
- Vector-borne diseases
- Pest Attacks
- Declining water tables



5

★

Critical Urgency for Multi-Stakeholder Engagement I

- Humanitarian Programming to prepare for, respond to and recover from disasters, conflicts, extreme events and climate change must be guided by the passion and compassion to **create an enabling environment for the marginalised and weaker sections through inclusive, gender sensitive, participatory and holistic approaches**
- G20 member countries contribute 85% of the global GDP, 75% of global trade and houses two-thirds of world population. **Among the G20 platforms, the civil society platform G20 has been showing the courage to speak truth to the world leaders of the powerful G20 member countries**
- With Indonesia handing over the G20 Presidency to India in 2023 which is handing it over to Brazil in 2024 and in turn to South Africa in 2025, **the Global South is having the unique opportunity to provide the G20 leadership through a very defining period of intense deliberations**



6

★

Established Global Networks need to reach their Targets within 2030

The Sendai Framework for Disaster Risk Reduction

The Sustainable Development Goals (SDGs)

The Paris Agreement on Climate Change

The New Urban Agenda



7

★

Critical Urgency for Multi-Stakeholder Engagement II

- The current situation indicates the need for **quantum leaps in transformational leadership by innovative and disruptive solutions** as the global frameworks which are off track with only 7 years more till 2030 for these four frameworks to achieve their targets
- **Innovative Disaster Risk Financing instruments** are required to support disaster risk reduction and mitigation
- **Multi-disciplinary professionals need to be provided with training, capacity building, education and certification** by professional networks for improved humanitarian programming before, during and after disasters
- **The International Emergency Management Society - TIEMS** is pleased to offer it's network for capacity building, education and certification to disaster management practitioners in G20 member countries



8

★



TIEMS Celebrates its 30th Anniversary in 2023

TIEMS is an international expert network of **VOLUNTEERS**, comprising users, planners, researchers, industry, managers, response personnel, practitioners, social scientists, and other interested parties within emergency and disaster management

TIEMS was founded in Washington DC, USA in 1993, and is registered as a Not for Profit NGO in Brussels, Belgium



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TIEMS

VISION

TIEMS inspires to be the leading organization for international emergency management professional development

MISSION

TIEMS is a global forum for emergency management and disaster risk reduction that builds capacity to prepare for, respond to and recover from disasters and climate change impacts

HOW WE WORK

TIEMS works to achieve its mission through the exchange of information, innovations and good practices in education, training and certification and research & development activities

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TIEMS ACTIVITIES

TIEMS Focus on *Cultural Differences to be Understood and Included* in the Society's Events, Education and Research Programs with the Following Activities within Emergency Management

- International Conferences and Workshops
- Webinars
- Research & Development Activities
- International Certifications; TQC & TQAC
- *Emerging Technologies like; AI, Data Analytics and Communication Tools*



11



TIEMS is Addressing the SDG's through its International Network, Different Communication Activities, and Research and Development Projects



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TIEMS BOARD OF DIRECTORS



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TIEMS HAS 16 CHAPTERS



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TIEMS ANNUAL CONFERENCES 1994 - 2025



TIEMS annual conference journey around the world has been an amazing tour through different cultures and cuisines, and a learning and exchange of experiences of different ways of doing emergency management

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TIEMS Research Projects



Please, click on Project Name to find more information about each Project

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Background for the ASSET EU Project The 2009 H1N1 Pandemic



- Alarming outbreak in Mexico; soon in 73 countries
- Authorities predict many deaths; actual deaths like mild flu
- 78 million vaccine doses delivered, too late
- Confidence in health authorities eroded; low public compliance
- Influence of pharmaceutical companies questioned
- Mistrust fed by news coverage and social media



The ASSET EU Project: <https://www.asset-science-society.eu/pages/about>

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The HERACLES EU PROJECT




<http://www.heracles-project.eu/>

HERACLES Case Study Sites



Medieval Town of GUBBIO, Italy



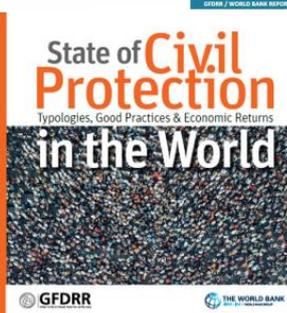
Old harbour and Venetian fortress, HERAKLION, Crete, Greece



Knossos Palace HERAKLION, Crete, Greece



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Public Safety Index

Enhancing disaster preparedness for effective response, and to "Build Back Better" in recovery, rehabilitation and reconstruction. Sendai Framework for Disaster Risk Reduction Priority 4

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Smart City Solutions for Improved Resilience




IMPETUS SOLUTION

- Flammable Detector**
Continuously monitors gas levels in critical areas and immediately alerts on gas leaks to prevent a major disaster.
- Bacteria Detector**
Continuously monitors air quality to detect abnormal high concentrations of airborne bacteria.
- Social Media Detection**
Continuously monitors data gathered from various city sensors and detects cases deviating from the norm, allowing prompt response for citizens.
- Workload Monitoring System**
Monitors time and effort of emergency responders using a computer system, alerting them if overloaded.
- Explosive Detection**
Continuously monitors air quality, detecting and alerting on explosive gases, preventing a major disaster.
- Cyber Threat Intelligence**
Detects, classifies and maps through intelligence Platform to an organization's IT assets.
- Cyber Threat Detection and Response**
Detects cyber vulnerabilities in IT systems, assesses risks of exploits, and notifies IT staff.

The IMPETUS Platform integrates multiple tools in a unified solution.

<https://impetus-project.eu/>

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TQC™ & TQAC™ DEVELOPMENT PROCESS

TIEMS International Qualification Certifications (TQC & TQAC) are gaining strong interest worldwide, and 20 candidates from 10 countries are already certified or undergoing the certification process.


USA


JAPAN


AUSTRALIA


INDIA


SOUTH AFRICA


JORDAN


NIGERIA


CHINA


BOTSWANA


NEPAL

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WELCOME TO TIEMS 30TH HYBRID ANNUAL CONFERENCE

September 11 – 15, 2023 Eastern Cape Province, South Africa

At Rhodes University Campus and Stenden South Africa in Sarah Baartman District Municipality

Celebrating TIEMS's 30th Anniversary!



Main Topic:
Crises, Emergencies and Disasters – a Continuum of Challenges and Opportunities in the 21st Century

Please Join Us, *in Person or Online* in Beautiful Southeast South Africa!

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TIEMS 2024 Hybrid Annual Conference will be arranged in India

The Host will be the New TIEMS India Chapter
You are All Welcome!

Contact: Prof. Vinod Menon
TIEMS Regional Director Asia
nvmenon@gmail.com



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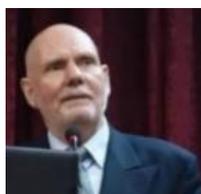
THANK YOU

E-mail: khdrager@online.no

<https://www.tiems.info>



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Stay Safe and Enjoy Reading the rest of the TIEMS President Annual Report!

K. Harald Drager, TIEMS President

2

TIEMS 2022 Hybrid Annual Conference

The TIEMS 2022 Hybrid Annual Conference took place 17th - 21st October 2022 live and on Zoom in Atlanta, USA, and all sessions were recorded on video.

The **TIEMS 2022 Annual Conference** took place

October 17th - October 21st, 2022

at [Kennesaw State University](#) in the Atlanta, Georgia, USA.

With 271 Attendees from 38 Countries in person and online!

The conference was hosted by the TIEMS-USA Chapter (<https://tiemsusa.com/>), and this year's main topic was

Challenges in Emergency Management - Toward 2030 and Beyond



The conference format was hybrid with both physical and virtual participation, and it was an excellent international event with speakers and participants from more than 30 countries with 90 excellent presentations and two workshops on TIEMS International Certifications - TQC & TQAC.

Each evening during the conference in Atlanta there was a social event, allowing time for participants in Atlanta to network and get to know each other better, and to learn more about the local culture and cuisine of Georgia.

[Detailed Final Conference Program](#)

[Welcome and Keynote Speakers](#)

[VIDEO Recording of all Sessions](#)



TQC™ & TQAC™ Certification



During TIEMS 2022 Hybrid Annual Conference, there was a Panel Presentation and Discussion of the TQC & TQAC Certification:

- Brief Introduction of TIEMS International Certification - TQC & TQAC
- Presentations by certified candidates from Australia, Japan, India, Dubai, South Africa and USA about their experience with the certification process and their thoughts about the international potential of the certification

This panel session was recorded, and the video can be found on the below link:
It takes 45 minutes to listen to the whole video!

[Video Recording of Panel Debate on TQC & TQAC Certifications](#)

3

TIEMS International Certifications - TQC & TQAC

TIEMS International Qualification Certifications (TQC & TQAC) are gaining strong interest worldwide, and candidates from 10 countries; USA, Japan, Australia, India, South Africa, Jordan, Nigeria, China, Nepal and Botswana, are already certified or undergoing the certification process. More information is found on: <https://bit.ly/3Sy7AkY>

The last TQC Certified is Aditi Tyagi from India, and her view on TQC Certification itself and the process is shown below:

<p>Aditi Tyagi</p> <p>(Brief bio)</p>  <p>India</p> <p>TQC Certified 07.02.2023</p>	<p>We asked Aditi the following Questions after her TQC Certification:</p> <ol style="list-style-type: none"> 1. What brought you into the Emergency / Disaster Management field? 2. What attracted you to the TIEMS organization and the TIEMS TQC & TQAC certification? 3. How do you think the TIEMS TQC certification will benefit your future opportunities and career? 4. How was your experience with navigating through the TIEMS TQC & TQAC certification process? 5. In your opinion, how does the TIEMS TQC certification compare to other Emergency Management certifications? 6. In light of Covid-19 and the war in Ukraine, where do you see the Emergency / Disaster Management field heading? 7. Is there anything else you like to tell about yourself? <p>Read her answers HERE</p>	<p>Aditi Tyagi's TQC Diploma</p> <p>(Click on the Diploma to get full size)</p> 
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The first TQAC certified is Emma Chaman from South Africa, and her view on TQAC Certification itself and the process is shown below:

<p>Emma Chapman</p> <p>(Brief bio)</p>  <p>South Africa</p> <p>TQAC Certified 30.09.2022</p>	<p>We asked Emma the following Questions after his TQC Certification:</p> <ol style="list-style-type: none"> 1. What brought you into the Emergency / Disaster Management field? 2. What attracted you to the TIEMS organization and the TIEMS TQC & TQAC certification? 3. How do you think the TIEMS TQC certification will benefit your future opportunities and career? 4. How was your experience with navigating through the TIEMS TQC & TQAC certification process? 5. In your opinion, how does the TIEMS TQC certification compare to other Emergency Management certifications? 6. In light of Covid-19 and the war in Ukraine, where do you see the Emergency / Disaster Management field heading? 7. Is there anything else you like to tell about yourself? <p>Read her answers HERE</p>	<p>Emma Chapman's TQAC Diploma</p> <p>(Click on the Diploma to get full size)</p> 
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ADITI TYAGI Answers to the TQC Certification Questions

1. What brought you into the Emergency/Disaster Management field?

While pursuing my M.Phil. when my professor asked us, the students, to think upon an area of interest and a related problem, and discuss it with him for the dissertation purpose, whatever I had known of the recent major disasters in India and around, like Bhuj Earthquake, Himalayan Earthquake, Mumbai Floods and Tsunami was heavily etched over my mind and therefore, took this academic program requirement as an opportunity to understand the system, the institutions and the agencies who deal with these grave situations to bring back normalcy. There was no looking back thereafter.

2. What attracted you to the TIEMS organization and the TIEMS TQC & TQAC certification?

I had always been hunting for and desired to be associated with some meaningful organization substantially contributing to the initial phase of disaster as well as the integrated response mechanism so that my learning as a researcher and my belief in community strength could receive a platform for making a contribution. With no such certification known to be available in India, one of my mentors introduced TIEMS to me, and I found it to be just fitting in the bill.

3. How do you think the TIEMS TQC certification will benefit your future opportunities and career?

The TIEMS TQC certification has contributed immensely in enhancing my knowledge and widening my horizon of the field of emergency management. It will fetch me greater recognition as a disaster management professional, and I will now have a better chance not only at the national but also at the international platforms for enhanced opportunities in terms of research projects and policy studies. Besides, it has extended to me a network of related international community.

4. How was your experience with navigating through the TIEMS TQC & TQAC certification process?

It has been truthfully a learning process with an inbuilt rigorous but smooth exercise which capacitates you and suitably tests your mental make-up before initiating yourself with the demanding field of emergency management. The entire TQC Board was very supportive throughout. For me, the International Cooperation paper was little more challenging due to its expanse over multiple regional organizations. Nonetheless, the entire experience has been extremely enriching and well-earned. I personally believe that a paper on Community Resilience can add more value and wider spectrum to the entire process.

5. In your opinion, how does the TIEMS TQC certification compare to other Emergency Management certifications?

I have not known any such certification in India and the international arena was rather new to me; my knowledge of such organizations being rather limited to the UN and its allied agencies. Nonetheless, I find the TIEMS TQC Certification to be very fulfilling.

6. In light of Covid-19 and the war in Ukraine, where do you see the Emergency / Disaster Management field heading?

In the given scenario of the increased incidences and the intensity of such situations, it is important to be having more informed community which can immediately flung into meaningful action to be necessarily supplemented by institutionalized and systematic response teams with standard procedures and practices. Also, the political borders fast losing their meaning in the wake of such a situation in current times, emergency/disaster management calls for enhanced international cooperation and support. No fragmented approach and efforts devoid of sustainability can fetch good.

7. Is there anything else you like to tell about yourself?

I am a firm believer in united strength and teamwork, and my existence as a human being continually reminds me of this; always keeping me alert to the responsibilities I have towards my fellow beings and the larger system.

Emma Chapman's Answers to TQAC Certification Questions

1. What brought you to the Emergency Management / DM field?

Growing up I was intrigued with weather related phenomena and how it could develop. This then grew into an interest in disaster events themselves and how nature could overpower man. This directed me to study a BBA in Disaster Management. During my studies I found a greater curiosity in the fact that by mitigating and preparing for such through developing structures and processes, one is able to increase capacities of local people, decreasing their risk to possible disasters. Although disasters and their related risks are imminent in the world we live, we are able to plan, to a certain extent, in order to better the lives of others.

2. What attracted you to the TIEMS organization and the TIEMS TQAC certification?

Prof. Tandlich provided us with a presentation on the certification, what it involves and the process of application. This sparked an interest in me to partake in the process and be a part of the society. I see it as a wonderful way to develop a standardisation of disaster and emergency management on an international level. I also see it as a need, especially with the increase in globalisation and disasters and their related risks as we look to the future.

As the Emergency and disaster management field is fairly new, it is not as developed as other fields whereby international certification is available. The TIEMS TQAC certification is therefore a step in the right direction.

3. How do you think the TIEMS TQC certification will benefit your future opportunities and career?

I think it is important to have professional certification in the field that one is in. It will give me the confidence to speak on international standards on the platforms that I am on and a good base when working with colleagues from other countries.

4. How was your experience with navigating through the TIEMS TQC & TQAC certification process?

I found the process relatively simple. The online platform was simple and easy to access. At any point where I was confused or unsure, there was always someone willing to assist or explain.

5. In your opinion, how does the TIEMS TQC certification compare to other Emergency Management certifications?

Other EM certifications are often based on their locality, an example being DMISA, which is specific to South Africans. The TIEMS TQC certification really allows for certification on a broader, more international scale.

6. In light of Covid-19 and the war in Ukraine, where do you see the Emergency / Disaster Management field heading?

I definitely see the field of disaster and emergency management expanding. I see this pandemic and current war as a large wake-up call for many on the reality of disasters and their related risks. I think this will spark an interest in a greater number of people to expand the knowledge in this line of work to better all aspects of disaster management.

7. Is there anything else you like to tell about yourself?

No.

4

TIEMS EU Projects 2022 - 2023

TIEMS was a partner in three EU projects in 2022, FIRELOGUE and FIRE - RES, and the IMPETUS project, which ended in 2023. FIRELOGUE and FIRE-RES are both 4-year projects that will end in 2025.



These projects receive financial support from the Horizon 2020 program for research and innovation of the European Commission



What is Firelogue about?

Firelogue is a Coordination and Support Action (CSA) funded under the Green Deal to support the clustering and cooperation among the projects, the integration of research results and the extensive and structured knowledge exchange to finally ensure that the demonstration of innovative and integrated approaches fulfils the expected impacts.



The cooperation on these topics have been agreed upon by the projects in a joint roadmap defining activities until 2025. The roadmap builds on a Clustering Event between the EU Fire projects that had been organised digitally in April 2022.

 #EUFireProjectsUnited



Firelogue

What are the results of the Firelogue project so far?

Firelogue therefore facilitates strategic cooperation between the projects along the following topics:

- Impact Assessment (towards Green Deal 2030 targets)
- Research Integration (Fuel Maps, Fire Event database, others)
- Knowledge Management on research results and WFRM practices
- Case study collaboration and exchange
- (Technical) exploitation | legacy uptake
- Communication & Dissemination incl. joint Events

In addition, Firelogue is currently developing five thematic working groups which will integrate the recommendations of the research projects and translate them into policy recommendations at EU level. The working groups encompass the following topics which can be reached via functional email addresses in case experts interested to contribute:

- Environment/Ecology: environ@firelogue.eu
- Societal aspects: society@firelogue.eu
- Civil Protection: civil-protection@firelogue.eu
- Insurance: insurance@firelogue.eu
- Infrastructure: infrastructure@firelogue.eu

The working groups are envisaged to contribute among others to the following policies: EU Forestry Strategy, EU Bioeconomy Strategy, EU Adaptation Strategy, Civil Protection Policies (rescEU) as well as policy instruments and networks such as the Disaster Risk Management Knowledge Centre or the European Forest Information Service.



 **#EUFireProjectsUnited**



What is the FIRE-RES project about?

FIRE-RES is a Horizon 2020 project that aims to boost the socio-ecological transition of the European Union towards a fire-resilient continent by developing a stream of innovation actions. FIRE-RES brings together a consortium formed by researchers, emergency-response bodies, technological companies, industry and civil society from 13 European countries and Chile.



To achieve its objective, the project developed a holistic and integrated fire management strategy to efficiently and effectively address Extreme Wildfire Events in Europe in 11 Living Labs thanks to its Innovation Actions.

Project members had the opportunity to meet twice: during the Kick-off meeting held in January 2022 in Solsona, Spain and during the 1st General Assembly in Wageningen, The Netherlands. During these days, partners could present and discuss their innovation actions and how these are grounded in the 11 Living Labs in Bulgaria, Canary Islands, Catalonia and Galicia (Spain), Greece, Nouvelle Aquitaine (France), Netherlands-Germany, Norway-Sweden, Portugal, Sardinia (Italy).

 #EUFireProjectsUnited



What has FIRE-RES achieved in its 1st year?

During this first year, the project focussed on setting the project framework and the thematic lines to build a common understanding of what "fire-resilient landscapes" are. This was done through the organisation of workshops in which the expertise of several actors was consulted. Additionally, an intersectoral working group (the Community of wildfire Innovation) was created to discuss the necessary measures and innovations in the field of forest fires.

To align the organisation of innovation challenges between Living Lab leaders, a training workshop was organised to help address extreme wildfire events in their respective regions. The technical work was also initiated and methodologies regarding fuel mapping to obtain important fuel-related data through earth observation were discussed.



This will help improve the reliability of fire simulations, mitigation, and decision-making in at pan-European level, by defining areas where fuel management should be a priority. Thanks to the work done so far, FIRE-RES started to establish the roadmap towards fire-resilient landscapes for the coming years.

 #EUFireProjectsUnited

IMPETUS

The IMPETUS Project Web-site is found at: <https://impetus-project.eu/>

The IMPETUS Slide Show Video gives a good overview of the IMPETUS Project and its status and can be watched at: <https://www.youtube.com/watch?v=SDoOVuNzeAA&t=7s>

The IMPETUS final dissemination event took place in Rotterdam 30-31 January 2023, and below, TIEMS Regional Director for North America inform us about What IMPETUS Tells us “About the Potential for Smart City Technologies and the Way Forward for Realizing this Potential?”

IMPETUS and the Future of Smart City Technologies for Resilient Cities

What IMPETUS Tells us About the Potential for Smart City Technologies and the Way Forward for Realizing this Potential?



THOMAS ROBERTSON

CEO of Thinking Teams
Director (North America Region)
TIEMS



IMPETUS brought together a large group of experts and stakeholders to work on the challenges of applying advanced technologies to improve safety during large-scale urban events.

Operational people learned about the potential of these technologies to help them in their work. Technologists tested their products and ideas against operations and learned what it will take to move from demonstration to operations. New and valuable personal networks were established.

IMPETUS has produced a wealth of information detailing these lessons and others, and a large network of people ready to carry the ball forward. We look forward to this legacy contributing to safer cities through advanced technologies.

What have we learned on the 30-month journey that was IMPETUS? Undoubtedly each of us individually has learned many things. However, through our collective efforts we produced results that contribute important insights illuminating the path ahead. Here are some examples:

- We verified that there is a huge potential benefit from the use of smart city technologies for urban safety. Our analysis confirmed that investments in these technologies will likely be returned many times over.
- During our demonstrations and exercises, smart city operators showed they could learn and use IMPETUS technologies, and they became convinced these technologies could add value to their operations.
- Technology developers became better aware of the challenges they face in fielding operationally effective systems:
 - Variability in operational environments makes it hard to develop robust systems using machine learning. Extensive on-site training will probably be required.
 - Assessing operational effectiveness and estimating return on investment is difficult because testing with real data in real situations can be expensive and operationally prohibitive.
 - Taking advantage of advanced technology may require a sizable investment to integrate it with existing technical systems and data sources.
- While technology provides new opportunities for collaboration and information sharing across individuals and groups, these collaborators may need to first agree on shared terminology.

5

TIEMS Chapters 2022 - 2023

TIEMS chapters have been established in 15 countries: Romania, Belgium/Netherlands/Luxembourg (BeNeLux), Italy, Middle East, and North Africa (MENA), Iraq, India, Korea, China, Finland, Nigeria, and West Africa (NWA), USA, Philippines, South Africa, France, and Japan. A chapter in Australia is under establishment. There are varying levels of activity in the different chapters due to different circumstances, and the TIEMS Board will be reviewing the present chapters with the goal of increasing their impact and insuring they are supporting TIEMS's goals.

TIEMS has several requests for forming new chapters, and the TIEMS Board will consider how TIEMS International can better help new chapters become established and get up and running, and be part of TIEMS international network of chapters and members.

A TIEMS Chapter is an autonomous entity within the TIEMS network. It establishes local TIEMS activity and recruits TIEMS International and Local Chapter Members in the chapter area. The local chapter members will be registered in TIEMS International as local members and receive all information from TIEMS. However, they have no voting rights at the TIEMS Annual General Meeting. A chapter is autonomous concerning its activities and finances, and the chapter can recruit sponsors and financial support locally to strengthen the chapter funding. The TIEMS Secretariat is available to the chapter for administrative support. The chapter is to report annually to the TIEMS Secretariat about chapter activities, plans and finances.

The requirements for establishing a TIEMS Chapter are as follows:

- The Chapter Region must be defined so that it does not geographically overlap existing chapters
- There must be at least 5 founding members of the chapter with valid TIEMS International membership
- The Chapter must be registered in a country of the chapter's region as a non-profit organization
- Chapter By-laws must be established which are not in conflict with TIEMS By-laws
- A Chapter Board with at least 5 members must be appointed/elected
- A Chapter bank account must be opened in the name of the Chapter
- The Chapter must be an Institutional Member of TIEMS
- A plan for the chapter activities must be prepared

An application with above documentation must be sent to the TIEMS Secretariat.

Please, send to TIEMS Secretariat at: secretariat@tiems.info and TIEMS Director for Chapters, Yosuke Okita at yosukeokita@mac.com and applicants will be guided through the chapter establishment process, including receiving templates for By-laws and Activity Plans.

6

TIEMS & CBI Webinars 2022-2023

TIEMS -CBI has continued with the webinar series in 2022 - 2023 with a broader focus on emergency management and disaster response, showing below one of the examples from 2023 about the Turkish Earthquake, with Kit Miyamoto informing of his experience on the ground in Turkey after the earthquake.

TURKISH EARTHQUAKE



In the wake of the devastating earthquake that hit Southern Turkey in February 2023, there is a pressing need for expert insights into the response and recovery measures for such disasters. In partnership with Capacity Building International (CBI), TIEMS is proud to present an upcoming webinar about “Lessons From Turkey: How to Respond, Recover, and Rebuild After a Major

Earthquake” featuring Dr. H. Kit Miyamoto, a world-renowned expert in disaster resiliency, response, and reconstruction. Dr. Miyamoto is the Commissioner of California Seismic Safety Commission and the Global CEO and structural engineer of Miyamoto International. He has provided expert engineering and policy consultation to the World Bank, USAID, UN agencies, governments, and the private sector. Dr. Miyamoto's team has won the Engineering News-Record's "Best Global Project" award for an unprecedented five times and the U.S. Presidential "E" award. Major media outlets, including CNN, CBS, ABC, Al Jazeera, LA Times, NY Times, Times, and Rolling Stone, have profiled him, and he was featured in the "Designing for Disaster" exhibit at the National Building Museum.



During the webinar, Dr. Miyamoto discussed the causes of failures, response structure, recovery challenges, and plans for rebuilding, drawing on his extensive experience working on the ground in Turkey since the earthquake.

If interested in running a webinar with your experience in emergency management and disaster response, sharing with a worldwide audience, please, contact khdrager@online.no

7

Updates from TIEMS President 2022 - 2023

TIEMS stopped issuing newsletters in 2022 and concentrated on short and important messages about news and important issue concerning emergency management and disaster response. A total of about 100 messages were sent out from TIEMS President last year. An example is shown below about the war in Ukraine and TIEMS support to the Ukrainian people.



THE INTERNATIONAL EMERGENCY MANAGEMENT SOCIETY

Message from TIEMS President

TIEMS Supports the Ukrainian People!

Observing the One Year Anniversary of the Conflict in Ukraine!

The message below was sent 1 year ago to show the TIEMS support to the Ukrainian people who were subjected to the invasion, aggression and attacks on civilians by the Russian army. TIEMS continues its support to the people of Ukraine and believes that the Ukrainians will ultimately win the war by defeating Russia on the battlefield. We observe the heroic and dedicated passion of the Ukrainian soldiers and the firm leadership of President Zelensky to fight against the war crimes and fascist designs of Vladimir Putin.

The suffering of the Ukrainian people is enormous in number of deaths and refugees, but there is no sign of giving up, rather the opposite. The war is also estimated to have caused economic damage of more than \$ 800 Billion to the Ukrainian economy and destroyed critical infrastructure, buildings, hospitals, schools and homes. The conflict is estimated to have caused more than \$ 4 Trillion economic damage to the global economy. The conflict last year has shown the violent attacks by Russian soldiers on residential areas and civilian infrastructure to break the resistance and morale of the Ukrainian people.

Vladimir Putin and the Russian army have already lost this war as seen from the world's solidarity with Ukraine by choosing and protecting the democratic way of life, and extending support to the Ukrainian people for safeguarding a free and independent Ukraine. TIEMS also warns Vladimir Putin and the Russian army against any attacks on Ukrainian nuclear installations and critical infrastructure as these will unleash only further provocations by spreading uncontrolled devastation of large sections of human beings without limiting the impact within political borders of Ukraine.

Solidarity with the Government and people of Ukraine.

No to the War in Ukraine and War Crimes!

A Plea for World Peace and Peacebuilding in all Conflict torn countries!



TIEMS arranged its 2017 Annual Conference in Kyiv at Hotel Ukraine, overlooking the Maidan Square. It was a very successful and memorable event, see:

<https://www.tiems.info/images/pdfs/TIEMS2017NewsletterScientificAprilrev1.pdf>

Ukrainian participants added considerable value to the conference content and showed us a generous hospitality where we could enjoy Ukrainian friendship and culture and we made many long time friends.

To see that Ukraine now must fight for its rights to exist as a free and democratic country is a shame, and TIEMS send our sincere wishes to the Ukrainian people and wish them all good luck and we know that truth will prevail.

To the aggressive Vladimir Putin with his autocratic leadership of Russia, we send the message that he must stop this barbaric mission, where he sacrifices his young Russians soldiers, and send them to attack their brothers and sisters in Ukraine!

His attitude is an enormous risk for world peace!

I am sure the Russian people is also against this aggression and that they like to live in peace with their Ukrainian neighbours!



Please, share this message in your network!

K. Harald Drager

TIEMS President

PS: Update your subscription settings

We hope that our content is useful to you. If you'd like to continue hearing from us, please update your subscription settings, if you have not already done it. We kindly ask you to follow the below instructions to keep in touch with us.

Below in this message you find: **Manage Your Subscription**

Please, click on the link below it and manage your subscription, Thank you!

TIEMS Privacy Policy

TIEMS Privacy Policy is found at:
<http://www.tiems.info/index.php/about-us/privacy-policy>

You may have heard about the new General Data Protection Regulation ("GDPR"), that came into effect May 25, 2018. To help comply with GDPR consent requirements, we need to ensure that you would like to receive content from TIEMS.

Some of these messages were related to announcements and news from our cooperation partners in emergency management. They likewise distribute TIEMS news and information in their networks, and this way TIEMS reaches far out worldwide with TIEMS information. Examples of cooperation partners are shown below:





TIEMS 2022 - 2023 Administration

TIEMS Memberships

We always welcome new TIEMS members! Why become a member? Please take a look at the [TIEMS Member Benefits](#).

Types and fees of membership are listed below:

1. Standard Member - One Year: **95 €** *)
2. Standard Member Transition Economy Country - One Year: **35 €** *)
3. Professional Certified Member - One Year: **125 €** *)
4. Professional Certified Member - Transition Economy Country - One Year: **45 €** *)
5. Student Member - One Year: **25 €** *)
6. Institutional Member - One Year: **310 €** *)

*) Includes 21 % Belgium VAT

Membership descriptions and rights are found in the [TIEMS By-laws](#)

[Please, click here and select type of membership!](#)

Donations

TIEMS is a volunteer organization. TIEMS Directors, Officers and Members all work without any payment. Donations are therefore welcome to help us cover expenses as we further develop TIEMS and pursue our goal of making our world a safer place.

1. Platinum Donation Any Time: **500 €**
2. Gold Donation Any Time: **100 €**
3. Silver Donation Any Time: **50 €**
4. Bronze Donation Any Time: **25 €**
5. Amount of Your own Preference

[Please, click here and select the donation of your choice!](#)

TIEMS Secretariat in Brussels

The TIEMS Secretariat in Brussels, Belgium started its operation for TIEMS 1st November 2010. Most administrative TIEMS activities have been transferred to the Secretariat so the board members can concentrate on the long-term planning of the development of TIEMS. The Secretariat office can be contacted at the following address, or by phone, fax and e-mail:

TIEMS Secretariat
Rue Des Deux Eglises 39, 1000 Brussels, Belgium
Phone: +32 2286 8038, Fax: +32 2286 8039
E-mails: secretariat@tiems.info

TIEMS Financial Situation

Accomplishing TIEMS's mission on a limited budget is a continuous challenge, as with many other non-profit and international NGO's. However, volunteers working for TIEMS around the world in TIEMS chapters, recruiting members and sponsors and arranging events, have made it possible to organize many events around the world. Having professional administration and legal advice at a permanent registered address for TIEMS has proven worthwhile and beneficial. The annual cost of TIEMS Secretariat is the primary regular budget item for the society.

TIEMS participation in RTD projects has had a good impact on TIEMS's financial situation, as well as being a benefit for its members. Members can apply to work on paid RTD projects where TIEMS participates, and they are selected based on how well their qualifications match project requirements.

TIEMS Members, Officers, Directors, and Chapters,

Of course, the main assets of TIEMS are its members, officers, directors, and TIEMS Chapter board members. They contribute their expertise and volunteer their time to develop and promote the society worldwide, and they carry out activities on behalf of TIEMS. Members of TIEMS Board of Directors are elected at the Annual General Meeting (AGM), which takes place at the TIEMS Annual Conference every year. The delegates to the AGM are TIEMS members, and they elect TIEMS Directors, and vote on decisions proposed by TIEMS Board.

Local Chapters elect their own Boards, and when the TIEMS Board of Directors wants to focus on a special task, a TIEMS Officer is appointed by the TIEMS Board to lead this task and report to the Board. These officers are members of TIEMS Advisory Board.

I would like to thank all these volunteers for the work they do, and their dedication and loyalty to TIEMS and its mission. Without their efforts, TIEMS could not exist. The TIEMS Board of Directors and TIEMS Advisory Board Members during 2022 - 2023 are shown below.



TIEMS 2022 – 2023 Officers



Meen Chhetri
Chair of TIEMS Paper
Review Committee
(Nepal)



Sandro Bologna
Chair of TIEMS International
Group of Experts
(Italy)



Guosheng Qu
Chair of TIEMS Safety
and Emergency Committee
(China)



Chen Ran
TEMC*)
Director
(China)

*) TEMC = TIEMS Emergency Medical Committee

TIEMS Future Plans

TIEMS progress is in line with the expectations expressed during the TIEMS 2022 AGM. Our continuing international success sends a message to TIEMS members and the international emergency management community that TIEMS has a promising future, in which all with an interest in emergency and disaster management can participate. Working together, we can move ever closer towards the TIEMS goal of more resilient societies worldwide.



Oslo 1st September 2023
K. Harald Drager
TIEMS President

