



TIEMS PRESIDENT 2018 ANNUAL REPORT



Pictures from TIEMS events in 2017 in New Delhi, Manila and Kiev





The International Emergency Management Society - TIEMS

Introduction to TIEMS

TIEMS prepares the world for emergencies. TIEMS is a global forum for education, training, certification, and policy for emergency and disaster management. TIEMS provides a platform for all stakeholders within the global emergency and disaster management community to meet, network and learn about new technical and operational methodologies. Our conviction is that sharing knowledge and best practices worldwide better prepares each of us to face emergencies at home, and better prepares all of us to face together increasingly global and severe emergencies.

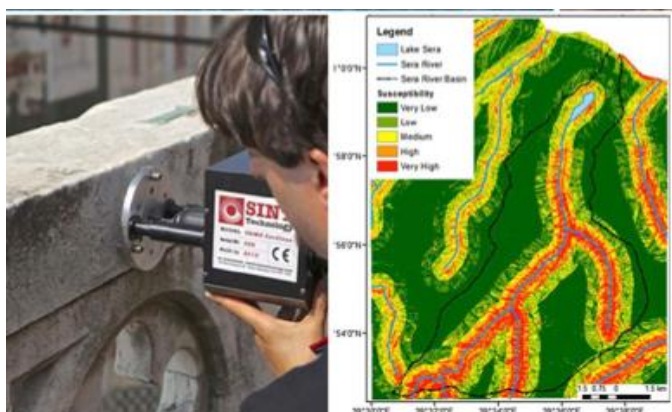
The TIEMS international organization was established in 1993 in Washington DC, and is today registered in Brussels, Belgium as an International, Independent, Not-for-profit NGO. TIEMS has local chapters in BeNeLux (Belgium/Netherlands/Luxembourg), China, Finland, India, Iraq, Italy, Japan, Korea, Middle East and North Africa (MENA), Nigeria and West Africa (NWA), Romania, United States of America, Philippines and Ukraine. The TIEMS local chapters mandate is to establish local TIEMS activity and recruit local members, and see to it that the worldwide cultural differences are understood and included in TIEMS activities and operations.



TIEMS Activities

Conferences and Workshops - TIEMS organizes conferences, workshops, and exhibitions worldwide covering a wide range of research, best practices, and other topics in emergency management. In recent years conferences have been held in Kiev in Ukraine, San Diego in USA, Rome in Italy, Niigata in Japan, Aix-en-Provence in France, Erbil in Iraq and Beijing in China and this year TIEMS 25th Anniversary and 2018 Annual Conference will be held in Manila, Philippines, see [Manila](#). In addition to our special Annual Conference, local chapters host local international conferences and workshops throughout the year.





RTD Projects - Because TIEMS is known in the international community for the wide-ranging expertise of its members, and for its ability to network researchers, practitioners, and policy-makers, TIEMS is often asked to participate in Research and Technology Development (RTD) projects sponsored by the European Union and other organizations. TIEMS members who express interest to participate in the RTD projects TIEMS gets engaged in, are selected based on

their qualifications, and the expertise needed to staff the projects. The ongoing RTD projects TIEMS was involved in in 2017 were [ASSET](#), a four-year program to improve public health communications during health emergencies, and [HERACLES](#), a three-year RTD program to develop technologies to improve cultural heritage sites in the face of climate change.

Experts - The TIEMS International Group of Experts (TIGE), consisting about 100 experts with different educational background and experience from 25 countries, has been established as a resource to assist the global community in emergency planning, preparedness, and response. They are all TIEMS volunteers manning the TIEMS Board, the TIEMS Advisory Board and TIEMS Chapter Boards worldwide. TIGE's unique worldwide network of experts adds the cultural diversity to emergency management and disaster response that makes TIEMS such a valuable international network, see [TIGE](#).

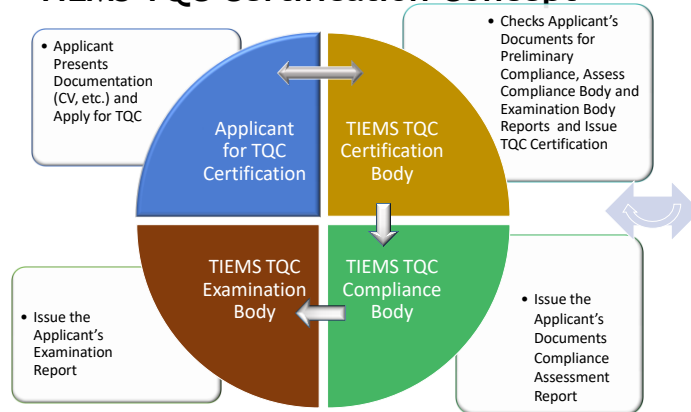


Education and Certification - To further the ability of professionals to contribute to international emergency management, TIEMS has established two initiatives: The TIEMS Academy, an on-line resource and network of educational centers, which will offer courses and educational material in emergency management and disaster response in cooperation with the TIEMS International Educational Network of Excellence (TIENE); and the TIEMS Qualifications in International Emergency and Disaster Management Certification (TQC), a program to allow professionals to become certified in international emergency and disaster management, see [TQC](#).

The figure below describes the TIEMS International Certification Initiative TQC



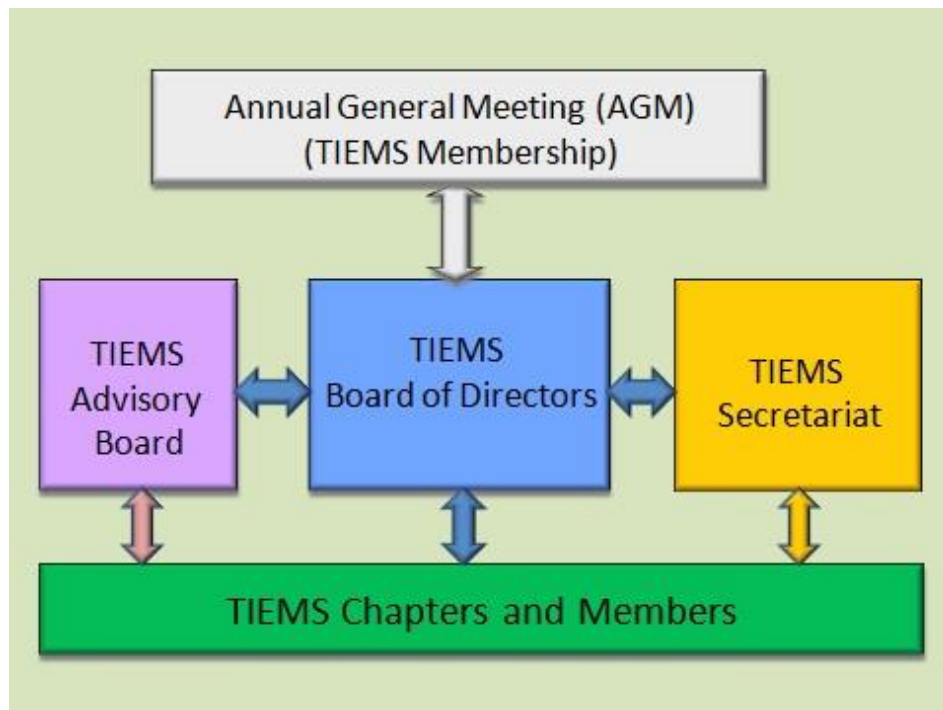
TIEMS TQC Certification Concept



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TIEMS Structure

TIEMS is a true international organization with a structure as shown below, comprised of a TIEMS Board of Directors and an Advisory Board with members from 18 countries. The TIEMS Secretariat is located in Brussels, Belgium, where TIEMS is registered as an international not for profit NGO. The members of TIEMS form the Annual General Assembly, which meets once a year during the TIEMS annual conference, during which TIEMS members evaluate the past performance of the organization and lay down plans for the future.





The current members of the TIEMS Board and Advisory Board and their functions are found below.

TIEMS 2017 – 2018 Board of Directors



K. Harald Drager
President
(Norway)



Guosheng Qu
Vice President
(China)



Jack (Ji) Zhang
Treasurer
(China)



Jaroslav Pejcoch
Secretary & Chair of
Advisory Board
(Czech Republic)



Snjezana Knezic
Director of
Membership & Chapters
(Croatia)

**Regional
Directors/
Officer
(LAC)**



Jean-Paul Monet
Europe
(France)



Thomas Robertson
North America
(USA)



Mohammed Shuaib
Middle East & Africa
(MENA)
(Iraq)



Neil Dufty
Australia & New
Zealand & Oceania
(Australia)



Jae Kwon Kim
Asia
(South Korea)



Diego Fernandez Otegui
Latin America &
Caribbean (LAC)
(Argentina)

TIEMS 2017 – 2018 Officers



Meen Chhetri
Chair Paper
Review Committee
(Nepal)



Joseph Pollack
Regular Newsletter
Editor
(USA)



Alex Fullick
Special Edition
Newsletter Editor
(Canada)



Samantha Ueno
Social Media
Editor
(UK)



Wenlong Yang
TIEMS Asia
Secretariat Officer
(China)



Shakir Katea
TIEMS Task Force
Activity Officer
(Iraq)



Sandro Bologna
Chair of International
Program Committee
(Italy)



George Markowsky
Chair of TIEMS
Academy
(USA)



Nina Frolova
Research,
Development Coordinator
(Russia)



Yukio Fujinawa
Chair of Disaster Early
Group
(Japan)



Ranko Britvic
Officer for Sponsorship,
& Exhibitors
(Croatia)



Chen Ran
TIEMS Emergency
(TEMC) Director
(China)



Angeli Medina
TIEMS 2018 Annual
Conference Host
(USA)



TIEMS Chapters



TIEMS is building an expert network worldwide, where chapters play an important role in establishing local TIEMS activity

TIEMS chapters are established in 14 countries; Romania, Belgium/Netherlands/Luxembourg (BeNeLux), Italy, Middle East and North Africa (MENA), Iraq, India, Korea, China, Finland, Nigeria and West Africa (NWA), USA, Ukraine, Philippines and Japan.

A TIEMS chapter is an autonomous entity within the TIEMS network. It establishes local TIEMS activities and recruits TIEMS international and local chapter members in the Chapter area. TIEMS international members pay their membership fees to TIEMS International, and 25 % of the membership fee is paid back to the Chapter to be used locally for Chapter activity. The Chapter can also recruit TIEMS local chapter members who pay only membership fees established and retained by the local chapter. These members are 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. However, if Chapter activity results in a surplus, 20 % of the surplus is paid to TIEMS International to support the TIEMS Secretariat. The TIEMS Secretariat is available to the Chapter for administrative support. The Chapter reports annually to the TIEMS Secretariat about Chapter activities, plans and finances.

The requirements for establishing a TIEMS Chapter are as follows:

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

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



Why Join TIEMS?

TIEMS offers a unique opportunity to Learn, Serve, and Network:

- **Learn** - TIEMS membership offers an exceptional learning opportunity through participation in TIEMS's multi-disciplinary, multi-national community; access to TIEMS events and educational materials; and participation in the TIEMS international emergency management certification initiative
- **Serve** - as a member you are eligible to have a direct impact on the TIEMS mission to improve the world's emergency management, by participating in TIEMS RTD projects; supporting special initiatives such as the TIEMS Academy, TQC Certification, or TIGE; or by becoming an officer or board member
- **Network** - as part of TIEMS, you will develop valued personal and professional relationships, locally and internationally, that enhance your professional knowledge and opportunity, and broaden your appreciation of the multi-cultural global emergency and disaster management community.

The international emergency management communities have much to learn from each other. TIEMS is actively seeking to expand its operations worldwide, to further capitalize on this unique opportunity to make the world safer. Please join us and become part of our international communication and operation! We offer exceptional opportunities to work with us to expand TIEMS worldwide by participating in one of the following initiatives:

- **Membership outreach** - help create a worldwide database of potential members to contact, inform, and recruit
- **Partnership outreach** - help identify organizations worldwide to collaborate with and help us pursue collaboration
- **Conference Organization** - become part of the team organizing our worldwide conferences and workshops
- **Sponsor Outreach** - help us identify sponsors for TIEMS worldwide activities
- **TIEMS International Initiatives** - Participate in TIEMS international initiatives in International Education and Certification.



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SUMMARY of the TIEMS YEAR 2017 by TIEMS President



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Civil Protection Worldwide

TIEMS believes exchange of information and experience and learning from each other are important ways to improve resilience worldwide. TIEMS therefore became a partner with the Global Facility for Disaster Risk Reduction (GFDRR) of the World Bank Group to address the growing need to support civil protection systems' response to disasters in 2017. The focus of this partnership is a Study on the State of Civil Protection in the World on Typologies, Good Practices and Economic Returns.

We believe this study is a fundamentally important one, which can help guide countries with less developed and insufficiently financed civil protection agencies how to focus the development of their civil protection system. It will also help those with well-developed civil protection systems by providing a critical view of their system and operation, to guide improvement and increased efficiency.

TIEMS will work to make the findings and conclusions of this study available worldwide as teaching material, and we will consider its use in the TIEMS TQC Certification Curriculum. The study is expected to be finished by the end of 2018, and TIEMS has invited the World Bank to present the findings, recommendations and conclusions in a Keynote speech at the TIEMS 25th Anniversary and 2018 Annual Conference in Manila 13 - 16 November 2018. Below is a brief description of the study, produced by the World Bank:

The Global Facility for Disaster Risk Reduction (GFDRR) of the World Bank Group is partnering with TIEMS and other organizations worldwide to address the

growing need to support civil protection systems' response to disasters.

Hurricane Harvey that recently hit the US territories of Texas and Louisiana causing devastating floods has showed that even the most developed countries are not spared from heavy damages, losses of life, and the many other impacts associated with natural disasters. More and more, natural and manmade disasters are causing around the world a spectrum of destruction and desolation, leaving every year millions of human beings, many disaster-prone countries, and fragile environments, in a complex situation of vulnerability and challenging recovery.

Increasingly, the governments of both developing and developed countries are becoming aware of the need to prepare, respond to, and recover from disasters in a sustainable way, to guarantee safety and the preservation of development gains and trends.

In the wake of this increased awareness, a correlated type of recognition has emerged: the need to increase the capacity of institutions such as civil protection and disaster management systems to respond to the immediate and long term needs generated by disasters.

The concept of civil protection is well-known by practitioners from the field of disaster risk management and by government officials; yet, civil protection systems around the world suffer from major weaknesses. Introduced for the first time in 1931 in the post-World War I period, civil protection then aimed to protect vulnerable civilian populations, historical monuments and cultural assets from disasters. The concept



has evolved over the years becoming “civil defence” or “civil security” in certain areas, and now includes the wider dimension of disaster preparedness.

The main weaknesses of civil protection systems today include the coexistence of diverse typologies and practices of civil protection, based on geographic characteristics, as well as differences in governance structures and levels of development. Another major difficulty is the lack of human, financial, material and technical resources in numerous developing countries. Finally, the marginal use of pre-disaster collaboration between governments and institutions, and the lack of optimal coordination in post-disaster situations remains widespread.

In addition to the afore-mentioned difficulties, there are knowledge gaps concerning the factors that can lead to effective responses, such as understanding of the economic returns of investments in civil protection systems. These remain a major challenge that hinders governments’ and international development organizations’ capacity to improve their systems.

To address these growing needs and knowledge gaps, the Global Facility for Disaster Risk Reduction (GFDRR) of the World Bank Group is launching a study on the “State of Civil Protection in the World: Typologies, Good Practices and Economic Returns”. TIEMS will contribute to the development of the study by providing the expertise from its network of 24 countries, along with specific contributions on the research, education, outreach and awareness-raising needs for international emergency management.

The study is expected to be carried out during the next 18 months, and it will analyse

the institutional diversity of civil protection systems and practices, as well as focus on country case studies to identify lessons learnt and good practices. The case studies will be carefully selected to reflect regional diversity and several levels of development. Finally, the study will develop an analysis of the economic returns of investments in civil protection and preparedness. It is expected that the study will provide several outputs useful to support the actions of the diverse network of public, private and civil society actors involved in civil protection systems, including a global population survey measuring the engagement of the communities and their feedback on civil

For more information regarding GFDRR, please visit the website www.gfdr.org.

TIEMS 2017 Events

TIEMS worldwide events are important meeting points for networking, and discussing relevant topics in Disaster Risk Reduction (DRR). TIEMS arranged several international events last year, and here are some highlights:

The first workshop in India was arranged February 10th, 2017 with the TIEMS India Chapter as host, and President Kailash Gupta leading his team.

The 2017 USA Chapter Annual Conference was arranged June 12 - 16, 2017, at the University of Maine, Orono, Maine, USA, with Professor Dr. George Markowsky as the TIEMS host.

The TIEMS 2017 Annual Conference was arranged in Kyiv, Ukraine, December 4 - 6, 2017, with the TIEMS Ukraine Chapter as host, and President Andre Samberg leading his team.

A list of TIEMS 2017 events is found below:

10 February:

- TIEMS India Chapter Workshop in New Delhi, India

12 - 16 June:

- TIEMS USA Chapter Conference in Orono, Maine, USA

28 - 30 June:

- Co-organizer of the 7th China International Fire Safety Exhibition in Guangzhou, China

July:

- TIEMS Japan Chapter Public Conference in Tokyo, Japan
- Workshop with Inauguration of the TIEMS Philippines Chapter

9 - 11 November:

- Co-organizer of China Southeast Asia & South Asia Fire Safety and Emergency Rescue Technology Expo, Kunming, China

11 - 12 November:

- TIEMS Emergency Medical Committee (TEMC) Annual Conference with the 6th Harvard Medical School BIDMC China Program Forum, Nanjing, China

13 - 15 November:

- TIEMS China Chapter Annual Conference in Chengdu, China

15 - 16 November:

- TIEMS Korea Annual Conference in, Ilsan, Gyeonggi-do, Korea

4 - 6 December

- TIEMS 2017 Annual Conference in Kyiv, Ukraine.

Additional details for some of the conferences follow below.

India:

TIEMS first workshop in India took place 10th February 2017 in at NIDM (National Institute of Disaster Management) premises in New Delhi, with the TIEMS India Chapter as host. The topic of the workshop was « Higher Education in Disaster Management: Opportunities & Challenges». The workshop was co-hosted by NIDM and supported by:

- The Jamsetji Tata School of Disaster Studies, Tata Institute of Social Sciences,
- Ashoka Innovators for Public,
- The Institution of Engineers (India), Rajasthan State Centre, which also provided Workshop Secretariat facilities,
- Integrated Volunteers Network,
- Center for Development and Disaster Management Support Services, and Institution for Disasters, Emergency & Accidents

The workshop was attended by experts from all over India, and the TIEMS President and TIEMS Education, Training and Certification Chair, George Markowsky, represented TIEMS International, and focused their presentations on TIEMS education, training and certification initiatives within international emergency management and disaster response. TIEMS India Chapter host, Kailash Gupta, emphasized in his presentation the need for quick response research in India and its funding.

In the inaugural session, Santosh Kumar, Executive Director of NIDM gave a welcome address and introduced the theme of the Workshop, followed by Kamal Kishore, Member of National Disaster Management Authority, who inaugurated the Workshop by a video recorded message. Vinod Sharma,

Prof. of Disaster Management, Indian Institute of Public Administration presented Higher Education in DRR in India. Before the end of the inaugural session, Sarthak Handa and Ashwin Naik of Ashoka Innovators for Public depicted an Innovation Showcase on “Operation Resilience.”

After the inaugural session, the workshop ran three parallel sessions on:

1. Education
2. Research
3. Careers

All presentations were of high quality and followed by engaged discussions, and it showed that India has excellent expertise and experience in emergency management and disaster response.

China:

From November 11th to November 12th 2017, the 2017 TEMC&BHGF International Medical Forum & The 6th Harvard China Program Experience Exchange Conference was successfully held in the Nanjing International Youth Convention Center, hosted by Nanjing Drum Tower Hospital. The event was held with the joint support of the Jiangsu Provincial Commission of Health and Family Planning and Nanjing Municipal Health and Family Planning Commission, and sponsored by The International Emergency Management Society Emergency Medical Committee (TEMC) and the Beijing Huatong Guokang Foundation (BHGF).

The conference invited Mr. K. Harald Drager, Chairman of The International Emergency Management Society and more than 20 foreign experts from top international medical institutions, including Harvard Medical School, Johns Hopkins University School of Medicine, St. Patrick's University

Hospital in Ireland and Klinikum Lippe GmbH in Germany. This conference had one main forum and seven sub-forums. The sub-forums were the President Forum, Oncology Forum, Cardiology Forum, Clinical Laboratory Forum, Finance Forum, Critical Care forum and Pharmacy forum. Altogether there were 600 presidents and department directors from all over China present.

With the purpose of "Leading Innovation & Win-win Cooperation", and centering on the topic of emergency health management, chronic disease management and hospital operations and management, participants partook in in-depth exchanges and discussions. At the meeting, Harvard Medical School, TEMC & BHGF and Nanjing Drum Tower Hospital formally signed a memorandum of tripartite cooperation. Xi'an City, Shaanxi Province was selected as the host city of the 2018 Forum, and nine series of international learning program reports were issued.

Professor David Roberts, Dean of External Education of Harvard Medical School, Director Chen Ran of The International Emergency Management Society Emergency Medical Committee (TEMC) and President Han Guangshu from Nanjing Drum Tower Hospital attended the signing ceremony. The three parties will start strategic cooperation in talent cultivation, discipline construction and clinical research based on the principle of mutual equality and win-win cooperation.

At the meeting, K. Harald Drager, President of The International Emergency Management Society, David Roberts, Dean of External Education at Harvard Medical School, Hunter Young, Medical Director of Johns Hopkins University Medical Center, Han Guangshu, President of Drum Tower Hospital, Paul Gilligan, CEO of St. Patrick's University Hospital in Ireland, Wei Xiaochun, Director of



Health and Family Planning Commission of Shanxi Province, and Helmut Middeke, president of Klinikum Lippe GmbH in Germany delivered speeches and shared their experience focusing on *Public Health Emergencies of International Concern, Leveraging Education Across the Learning Health System, An Innovative Approach to Chronic Disease Management, Humanity Enlightening the Dream, Brilliance Making Excellence, St Patrick's Mental Health Services in Ireland - A Changing Trip to Rehabilitation, International Leader in Human Rights-Based Mental Health Services, Quality Resources Helps Promote Primary Health Care, German health system and Klinikum Lippe GmbH Management Overview*, respectively.

Ukraine:

The 24th TIEMS Annual Conference and Assembly 2017 took place in Kiev in Ukraine on December 4-7, 2017. About 100 experts from North and South Americas, Europe and Asia participated three days in the technical sessions and after the end of the conference attended the guided tours to the Chernobyl exclusion zone: the Chernobyl nuclear power station and the Duga-3 radar installation which is known in the West as the Russian Woodpecker (Chernobyl-2) as well as the medical and emergency center in Kiev. There were 62 oral and poster presentations including a small exhibition. Experts exchanged the latest scientific results and other information about emergency management, disaster risk reduction and the increasing environmental risks in the Donbas region in the Eastern Ukraine.

The topics of the conference were:

- Information and Communications Technology and Geographical Information Systems

- Solutions for Civil Protection and Emergency Management
- Geomatics in Education for Civil Protection and Emergency Management
- Environmental Risk Assessment by Means of Remote Sensing
- Peacebuilding in Ukraine
- Management of Abounded Areas of Long-term Man-made Disasters
- International Project Funding Mechanisms

Keynote speakers were:

- Ms. Oleksanda CHURKINA, Deputy Minister of Ministry of Social Affairs of Ukraine
- Mr. Oleksandr SUKHODOLIA, Head of Department of Energy Security and Technogenic Safety, National Institute for Strategic Studies of Ukraine under the President of Ukraine - Mr. Vitaly PETRUK, Head of The State Agency of Ukraine on Exclusion Zone Management, Ministry of Ecology and Natural Resources (Ukraine)
- Mr. Artur AYVAZOV, UNICEF's Director for Social Policy in Ukraine
- Mr. Mark BATTLE, Head of UN Water and Sanitation Cluster (presentation "Water Risk Assessment in Donbass")
- Mr. Rustam Pulatov, Component Leader of Community Security and Social Cohesion of UNDP Recovery and Peacebuilding in Ukraine ("Community Security in Prolonged")
- Mr. Dmytro AVERIN, Project manager, The Organization for Security and Co-operation in Europe OSCE (presentation "Assessment of Environmental Damage in Eastern Ukraine by means of Donbass Environment Information System DEIS")

The conference covered all aspects related to Emergency Management, Cyber Risk Analysis, Virtual Training Means for First Responders and Resilience.

There were six workshops:

- Leveraging TIEMS Disaster Management Expertise to Strengthen Local Community
- Resilience through Global DRR Platform, Web-based Technologies for Disaster Risk Reduction
- Assessments of Vulnerabilities of Cyber in Power Grids and Critical Infrastructure: Case Ukraine 2015 - 2017
- EU-funded Horizon 2020 project “TARGET”
- EU-funded Horizon 2020 project “Driving Innovation In Crisis Management For European Resilience (Driver+)”
- TIEMS QIEMD = Qualifications in International Emergency and Disaster Management
- World Bank Study On Typologies And Good Practices Of Civil Protection Systems In The World
- Department of Emergency Medical Care and Disaster Medicine, Ministry of Healthcare of Ukraine
- The Rotary Club of Eastern Helsinki (Finland)
- i4-Flame OÜ (Estonia)
- Procon Ltd. (Bulgaria)
- Hiraan Technology Group (China)
- Lviv University of Life Safety (Ukraine)
- EU-funded Horizon 2020 project TARGET
- EU-funded Horizon 2020 project DRIVER+
- 4-star hotel “Ukraine” (Kyiv, Ukraine)

TIEMS Research, Technology and Development (RTD) Activities

TIEMS was in 2017 partner in two EU projects described below.

The **HERACLES** EU project’s main objective is to design, validate and promote responsive systems/solutions for effective resilience of cultural heritage sites against climate change effects, considering as a mandatory premise an holistic, multidisciplinary approach through the involvement of different expertise.

This will be operationally pursued with the development of a system exploiting an ICT platform able to collect and integrate multisource information in order to effectively provide complete and updated situational awareness and support decision for innovative measurements improving cultural heritage site resilience, including new solutions for maintenance and conservation.

TIEMS participates in the project with a team of four TIEMS members, from Croatia, USA and Norway, and is responsible for adding value with expertise on end user requirements, risk and vulnerability analysis, guidelines and datasheets for virtual training courses, risk management procedures for end

The conference was co-organized by:

- The National Institute for Strategic Studies under the President of Ukraine (Ukraine)
- The State Emergency Service of Ukraine (Ukraine)
- Ukrainian Academy of Cyber Security (UASC) (Ukraine)
- Department of Cyber Security, National Academy of Internal Affairs of Ukraine, Ministry of Internal Affairs (Ukraine)
- The State Agency of Ukraine on Exclusion Zone Management, Ministry of Ecology and Natural Resources (Ukraine)

The following institutions supported the conference:

- The United Nations Children's Fund (UNICEF) in Ukraine
- The United Nations Development Programmes (UNDP) in Ukraine
- The Organization for Security and Co-operation in Europe (OSCE) in Ukraine



users, demonstration and result analysis, dissemination and communication and an impact, exploitation and business model.

The **HERACLES** project has three cultural test sites, the medieval city of Gubbio in Italy, and two cultural sites in Crete: the Minoan Knossos Palace and the Heraklion Fortress. **HERACLES** is a fascinating project with high ambitions, and it shows that emergency management and disaster response expertise is of importance in different settings.

The **ASSET** project is about epidemics and pandemics and 2017 was its fourth and last year. One important and exciting task in the **ASSET** project was citizen consultations, performed at the same time in 8 European cities. The response to questions put forward to more than 400 randomly selected citizens were summed up and statistically presented. The **ASSET** citizen consultations show that citizens across Europe are willing to follow the advice from health authorities. In an emergency situation, citizens even supported the infringement of individual rights for the collective good.

However, citizens emphasized that public health authorities must communicate in an honest and transparent matter. Citizens do not want to be protected from the realities of a situation; rather they want to know what the uncertainties and risks are. Participants in the meeting urged general practitioners (GPs) and authorities to increase their online presence and to engage in dialogue with their publics. The public desires clear and updated information on vaccination and pregnancy and believe that improved communication and dialogue can restore trust and build better relationships between health authorities and publics. Finally, citizens in the meetings expressed a desire for opportunities to provide input for policy

development and action in the case of epidemic or pandemic crisis.

The findings of these consultations underline that participatory governance is the way forward, not only in public health, but for authorities in most settings in order to build trust towards the public.

The **ASSET** EU project was finalized in 2017, with a brokerage event in Rome 30 - 31 October this year.

TIEMS is invited to participate in new proposals of RTD projects each year, and in 2018 TIEMS is participating in three proposals. TIEMS international network and presence with chapters in 14 countries makes TIEMS an attractive partner for RTD projects in EU.

New Volunteers in TIEMS

The TIEMS International Group of Experts (TIGE), consisting of all TIEMS Directors, Officers and TIEMS Chapter Board members, has grown with the addition of new Philippines Chapter founding members and recruitment of new TIEMS Board members. The TIGE had at the end of 2017 102 members from 25 countries. The list of TIGE members, including names, positions, and fields of expertise, is found at the following link: [TIGE](#).

TIEMS has not had any representation in Latin America and Caribbean (LAC) since 2010, when an earthquake struck Chile, and made it impossible to hold our planned workshop there and continue our just started operation in LAC. I am therefore very happy to announce that Diego Fernandez Otegui has been appointed TIEMS Regional Officer for LAC-

He will be reaching out to the emergency management community in LAC, and we hope to see increased activity, new TIEMS



chapters, and the first TIEMS event in LAC very soon.

The TIEMS Academy

The goals of the TIEMS Academy are:

- *Educating the Public*
- *Educating Children*
- *Educating Officials*
- *Improving Preparedness*
- *Offering Courses and Training*
- *Helping Certify Expertise*
- *Building and Distributing Emergency Management Tools.*

TIEMS Chair of TIEMS Academy is George Markowsky, and TIEMS Academy will be developed in close cooperation with TIEMS QIEDM Certification needs, and also with guidance and input from TIEMS Chapters.

The TIEMS Academy present objectives are:

- Develop an internationally shared understanding of emergency management elements, qualifications, and terminology
- Help students find and connect with useful live and online educational resources
- Make increasing amounts of emergency management knowledge available online, especially vulnerable societies
- Provide a platform to share critical lessons learned from disasters and emergencies
- Create an eLearning and Certification platform that will foster, across the international community, a shared, common understanding of emergency management elements, standards, and terminology
- Establish a directory of educational resources, described within a common framework, including live and online degree programs, courses, workshops, and knowledge bases
- Create an online portal that will make emergency management educational resources, from established educational institutions and initiatives, broadly available to students worldwide

The TIEMS Academy will start out using FreeConferenceCall.com as its platform for eLearning. FreeConferenceCall.com makes it easy to have online courses and meetings with up to 1,000 simultaneous participants.

<http://www.freeconferencecall.com/>

TIEMS TQC Certification

TIEMS TQC Certification has been conceptualized during 2017 - 2018, and will be presented and discussed in a workshop in TIEMS 25th Anniversary and 2018 Annual Conference in Manila in November 2018.

As a background for developing the certification, TIEMS has done a Survey, to find out if such a certification as TIEMS TQC Certification, would be welcome in the international emergency management and disaster response community, and what the content and requirements of such a certification should be.

We have summed up the responses, and there is an overwhelming positive support from those who have taken the Survey. 72 experts coming from 33 countries ; Norway, Iraq, Nepal, Jordan, South Korea, USA, Italy, China, Ukraine, Australia, Croatia, Russia, UK, Canada, Japan, Finland, Philippines, Czech Republic, India, Nigeria, Spain, Argentina, France, Oman, New Zealand, Slovakia, Germany, Netherlands, South Africa, Switzerland, Kosovo and Turkey, and Greece.

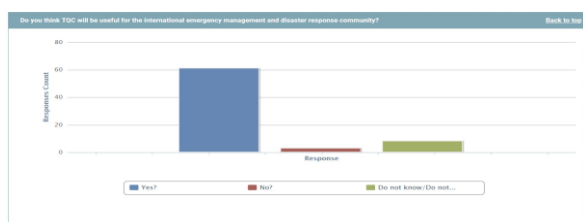
In the following is shown some statistics and the key responses of TIEMS TQC Survey.

Introduction and Question in the Survey

With an increasing number of disasters worldwide, resulting in more international



collaboration and support to disaster stricken areas, the need for more education and training in emergency and disaster management seems evident. TIEMS believes that it is important to raise the awareness of the competencies needed in emergency and disaster management, and to support those participating in these activities and operations in acquiring those competencies. An international certification can be one way to improve the qualifications and competencies of these experts. TIEMS has worked for several years on a concept to develop a certification of Qualifications in International Emergency and Disaster Management (QIEDM), named TIEMS QIEDM Certification or TQC. In the following questions, we seek your opinion and advice on the framework and content of such a certification.



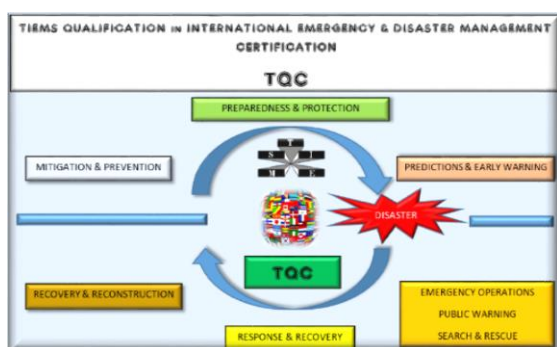
Yes: 61 (84.72 %), No: 3 (4.17 %), Do not know/Do not want to answer this question: 8 (11.11 %)
Total responses: 72

Their main reasons for support of TQC

- Although there are several higher qualifications in Emergency Management, they mainly focus on specific countries' requirements rather than an international focus.
- One of the most significant problems in the emergency management space, at least at the international level, is the diversity of opinions and schools of thought about what are the necessary and basic skills and capacities that EM should have. The certificate will definitely facilitate the discussion and will allow for the training of better and more efficient EM related personnel.
- A globally recognised certification will help professionals of varied backgrounds in disaster/emergency management have a better understanding of each other's competencies.
- The certification will help worldwide knowledge and skills sharing, communication among experts and responsible organizations, and building informal networks capable of fast activation and deployment.
- As TIEMS gathers together emergency management experts from all over the world, it boasts experiences of a wide array of best practices tested globally, in different settings and under different conditions, and this pool of experiences is precious to draw from in acknowledging and assessing recognized and accepted practices.
- To be more educated and learn from each other experiences from disaster relief units and commanders. Exchange all potential knowledge about all crisis situations, inclusive in the international scale.
- A certification can be useful to ensure a minimum standard in the qualifications.
- Harmonizing ways of working is important and global standards improve this.
- There are many local aspects of disasters and emergency situations. However, it is important to dare best practices. This certification will allow for it.
- With the diversity of practitioners, any independent international recognition of skills and competencies is useful in vetting candidates for jobs and missions.
- There should be unified set of skills and knowledge required for management of emergency situations as those can happen across the borders of the countries. In this situation cooperation between nations will be required.
- Helps to put international standardization and increasing cooperation.
- Like credentialing, a certification obtained via a rigorous process from an organization with validated international standing or renown, is a positive indicator

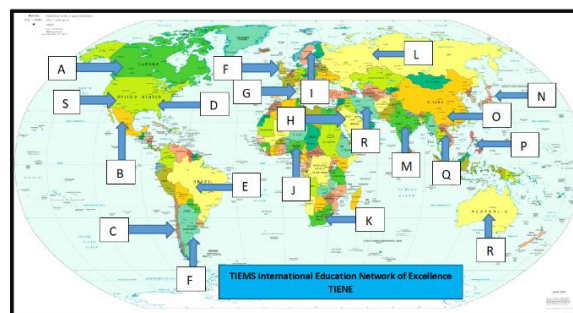
of a person's knowledge base and capabilities.

Based on the Survey results, TIEMS will develop a TQC Curriculum, comprising the competences we believe the candidates of this certification should have, and the below figure illustrates the fields of competence to be included.



TIEMS is fully aware of the many existing local certification schemes around the world, teaching some of the courses, which will be included in the TQC Curriculum. TIEMS extends its invitation to those universities and training institutions for cooperation and being a partner in TIEMS International Education Network of Excellence (TIENE), joining forces for this global initiative, as illustrated below. TIEMS TQC Certification is not competing with local certification schemes, but intended to be an international add on certification to experts in the emergency management and disaster response community.

The following illustration does not point to any specific university or training institution in any country, but illustrates that TIEMS are aiming for a worldwide network of cooperative institutions, in partnership with TIEMS in this initiative.



Education Courses:

- The course curriculum will be comprised of both theoretical and practical courses and hands-on training
- Courses will be offered by TIEMS in cooperation with Universities and Training Institutions worldwide through TIEMS Academy
- Participants must receive a passing grade on a certification exam
- TIEMS Chapters will be responsible for adding local/national competences

TQC Certification Objectives:

- Availability Globally
- Web-based On-Line
- Low Cost
- A Common Understanding of Emergency and Disaster Management
- The Common Language is English, but local language adaption in TIEMS Chapter Countries
- Lessons Learned Focus
- State-of-the-Art and Up-to-Date.

The first MOU agreement of the TIENE network will be signed in Manila during TIEMS 25th Anniversary and 2018 Annual Conference.

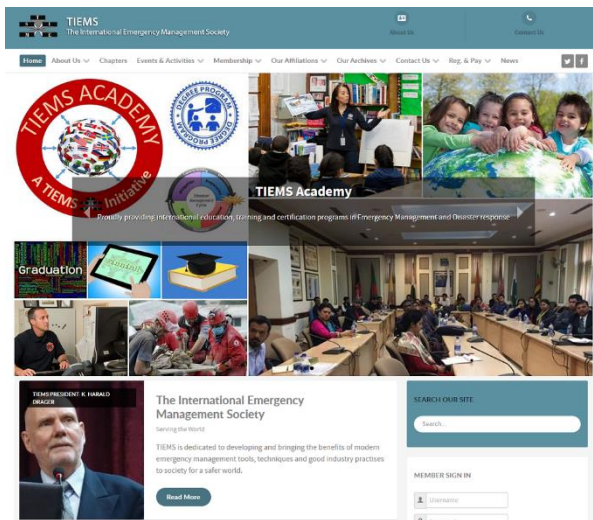
TIEMS believes that education and training is the key to improved resilience worldwide, and TIEMS promotes the TQC Curriculum as an internationally shared understanding of emergency management elements, qualifications, and terminology, which will be the basis for TQC Certification. TIEMS



believes this will increase the focus on the emergency management and disaster response profession and improve the fundament for further international cooperation in this field.

TIEMS New Web-site

A TIEMS new web-site became operational 12th June 2017:



See: <http://www.tiems.org>

TIEMS Newsletters

TIEMS issued five newsletters in 2017, three regular newsletters and two special issues: (Click on the pictures and get access to the full newsletter)

Regular Newsletter May 2017



Regular Newsletter December 2017



Special Edition April 2017



Regular Newsletter September 2017

Special Edition October 2017



TIEMS Membership

Membership, donation packages and journals available through TIEMS membership are as follows:

1. Standard Member
2. Standard Member "Transition Economy Country"
3. Professional Certified Member
4. Student Member
5. Institutional Member
6. Platinum Donation
7. Gold Donation
8. Silver Donation
9. Bronze Donation
10. International Journal of Emergency Management
11. International Journal of Risk Assessment and Management

In addition, local chapter membership is available, which is governed by each chapter, within TIEMS guidelines.

Details on TIEMS membership can be found at:

<http://www.tiems.info/index.php/membership/become-a-member>

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 and the board members have more time to concentrate on the long term planning of the development of TIEMS. The Secretariat office can be found at the following address and phone, fax and e-mails:

TIEMS Secretariat

Rue Des Deux Eglises 39, 1000 Brussels, Belgium

Phone: +32 2286 8038

Fax: +32 2286 8039

E-mails:

secretariat@tiems.info

TIEMS Asia Secretariat

The activity level has increased considerably in TIEMS China Chapter, and the TIEMS Board approved at the end of 2013 the establishment of a TIEMS Asia Secretariat in Beijing. First of all, it will take care of the increased TIEMS activity in China, with workshops and conferences already planned in 2017. In addition, it will also serve as the liaison with the International Emergency Industry Alliance on Technological Innovation and Strategy:

<http://www.tiems.info/images/TIEMS%202014%20Chinese%20Industrial%20Alliance%20Group.pdf>

The TIEMS Asia Secretariat is also prepared to assist other chapters in Asia and worldwide with professional administrative and expert assistance in emergency management and disaster response.



TIEMS Financial Situation

Accomplishing TIEMS's mission on a limited budget is a 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 arrange many events around the world, as well as establish and maintain a TIEMS Secretariat in Brussels, which started its operation at the end of 2010, and has now been in operation more than 7 years. Having professional administration and legal advice at a permanent registered address for TIEMS has proven worthwhile and beneficial. The Secretariat is the primary regular budget item for the society financed by fees collected by the society.

TIEMS participation in RTD projects has had a good impact on TIEMS financial situation, as well as being a benefit for its members. They can apply for being on TIEMS team in RTD projects where TIEMS participate, given that they fulfill the projects qualifications requirements.

TIEMS Members, Officers and Directors

Of course, the main assets of TIEMS are its members, officers, directors, and TIEMS Chapter board members (See TIGE). They contribute their expertise and volunteer their time to develop and promote the society worldwide, and carry out activities on TIEMS behalf. 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 Directors and Officers, and vote on decisions proposed by TIEMS Board.

The 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.

I would like to thank them all for the work they do, and their loyalty to TIEMS and its mission. Without them and their efforts, TIEMS could not exist.

TIEMS Future Plans

TIEMS progress is in line with the TIEMS 5 year plan agreed by the Board of Directors at the end of 2012, which set concrete goals. Our success sends a message to TIEMS members and the international emergency management community that TIEMS has a promising future, in which all with interest in emergency and disaster management can participate, and work together towards the TIEMS goal of contributing to more resilient societies worldwide.

TIEMS is now looking into a new 5 year horizon and will set concrete goals for the 5 year period 2018 - 2023 during TIEMS 25th Anniversary and 2018 Annual Conference in Manila in November this year.



Oslo 27th September 2018
K. Harald Drager
TIEMS President