

**TIEMS**

The International Emergency Management Society



# THE INTERNATIONAL EMERGENCY MANAGEMENT SOCIETY

## Newsletter - ISSUE 32 - April 2018

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### TIEMS QUALIFICATION IN INTERNATIONAL EMERGENCY & DISASTER MANAGEMENT CERTIFICATION

#### TQC

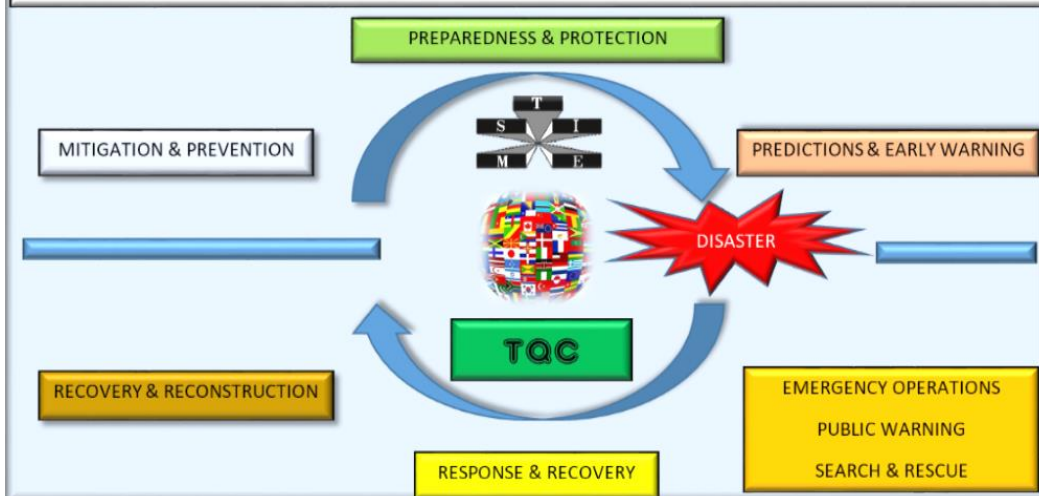


Illustration of TIEMS TQC Curriculum (see article in newsletter)

### The International Emergency Management Society

*TIEMS continues its international development, and is spreading out its activity more and more worldwide, with members and chapters.*

*New members and chapters add valuable expertise and cultural diversity to the TIEMS international network, which comprises of users, planners, researchers, industry, managers, response personnel, practitioners, social scientists, and other interested parties within emergency management and disaster response. This network constitutes a large international multidisciplinary group of experts, with different educational backgrounds and various experiences. Read more about this network and its activities in this newsletter.*

**Joseph Pollack**  
TIEMS Newsletter Editor

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## MESSAGE FROM TIEMS PRESIDENT

### Content in this Newsletter

In this newsletter, we present an overview of TIEMS Board, after the election during AGM in Kiev.

Furthermore, we announce the Memorial Conference in Chengdu in China in May, where we hope many of you will attend. Then we report from the TEMC Conference in Nanjing in China in November last year, and the conference and workshop TIEMS supported in the Philippines, also last November.

We also announce international events, which TIEMS supports, in Oman, India and Australia.

### “I have a Dream”

In this editorial, I also like to focus on TIEMS initiative to establish an international certification of “Qualification in International Emergency Management and Disaster Response”, which we have named TIEMS TQC Certification.

In this respect, I like to make Martin Luther King’s words as mine, saying my dream is that TIEMS will be successful in building an TIEMS International Education Network of Excellence (TIENE), where the focus is emergency management and disaster response education and training, in a global network of cooperating universities worldwide, partnering with TIEMS.

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. The background information and the preliminary results of the Survey is found in the newsletter below, but we continue to collect responses to the TQC Survey, in

order to collect as much as possible of international experts opinions. For those of you who like to take the Survey, please, go to the following link and answer the questions:

<https://app.icontact.com/icp/sub/survey/start?sid=3990&cid=593683>

All opinions count, and thank you for participating.

We have summed up the responses so far in a preliminary report, and there is an overwhelming positive support from those who have taken the Survey. 67 experts coming from 32 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.

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

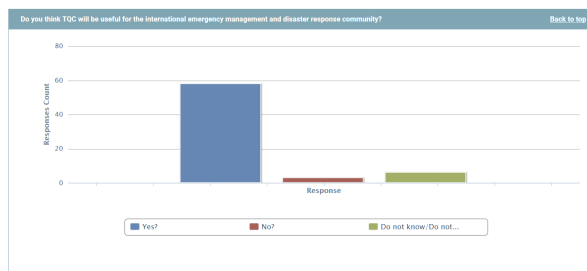


Oslo 5<sup>th</sup> April 2018  
K. Harald Drager  
TIEMS President

### 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: 58 (86.57%), No: 3 (4.48 %), Do not know/Do not want to answer this question: 6 (8.96 %)**

**Total responses: 67**

#### Their main reasons for support of TQC are:

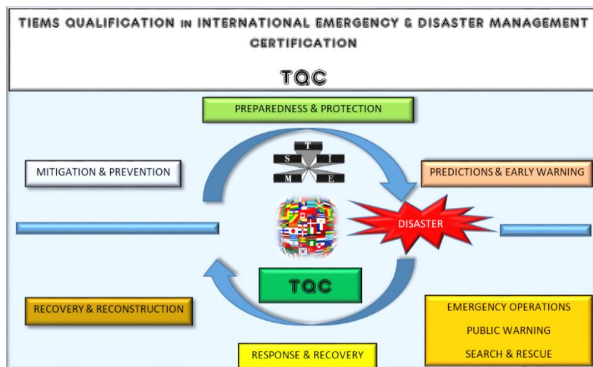
- Although there are several higher qualifications in Emergency Management, they mainly focus on specific countries' requirements rather than an international focus.
  - One of the most significant problems in the emergency management space, at least at the international level, is the diversity of opinions 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.

In the article below in the newsletter on the TIEMS TQC Certification, the background and experience of those who have answered the Survey is listed, and this shows that the

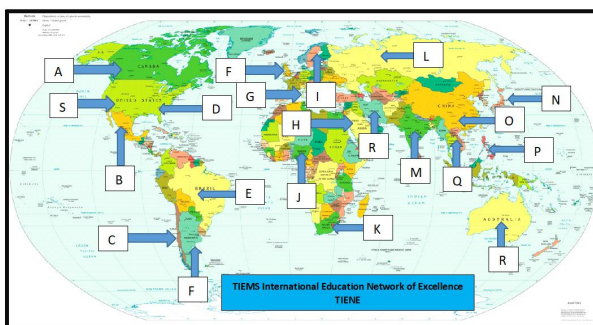


feed-back is coming from a very qualified and experienced group of international experts.

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 are 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 above 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.

The courses need to be taught in English in the start up phase, and to be offered on-line or in classrooms. When TIEMS TIENE network is operational, the TQC Certification will be extended to local languages as well, with TIEMS Chapters as local contact points.

Based on the TQC Survey feed-back so far, we have made up a preliminary TQC Curriculum, and universities and training institutions worldwide, which finds this idea and initiative of interest, are welcome to make contact for a further discussion of cooperation around TIEMS International Education Network of Excellence. Access to the full preliminary TQC Survey Report will be given, and the proposed TQC Curriculum will be the basis for discussion of cooperation.

*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.*

Looking forward for contact from many of you.

Please, send e-mail to: [khdrager@online.no](mailto:khdrager@online.no)

or call +47 9169 3012

**K. Harald Drager**  
**TIEMS President**

## EDITOR'S MESSAGE

This being the last newsletter before Europe's GDPR comes into effect, it makes sense to discuss this regulation's impact on crime fighting and emergency response. The General Data Protection Regulation (GDPR) institutes a portability right with regards to electronic data. This means that persons have the right to know, change or delete data regarding themselves even if data ownership remains with the holder.

Whereas previous fines due to data misuse were on average close to 150,000 Euros, starting May 1st 2018 this may increase to close to 15 million Euros for businesses. The incentive for businesses to become compliant is clear.

The most dangerous mis-use is non-compliant data processing. This poses problems for all sorts of NGOs and businesses that capture or use survey data especially in times of crises. Indeed creating datasets or analyses based on data that may be personally identifiable opens you up to serious liability under this new regime.

Nonetheless, the GDPR is also opening up a new paradigm in terms of fighting organised crime in Europe. Base on the right of portability, independent organisations can now request much of the data required to identify and report crimes such as fraud, money laundering, and other types of organised crime.

However, this new paradigm may also open up new ways for citizens to combat surveillance. For example based on article 29 of the GDPR, Europeans may request their data protection agency to protect their data from processing. This may turn the data protection authorities into the "good cop" in the room and facilitate negotiations between the subject and various agencies.

Yet, the GDPR does much to streamline cooperation between agencies, and it will undoubtedly be a boon in the fight against organised crime. Data protection agencies may now simply request information from the DICI for example and quickly issue fines. Conversely, data-driven companies that use sensors and equipment to support emergency response are in very uncertain waters. In fact, the public will simply have to wait for seminal Europol/Eurojust cases to become fully cognizant of the limits and reaches of this new regulation.

If your agency or company works in Europe at all, now is the time to become fully compliant. For more information contact me directly and I will gladly orient you based on your needs. Stay up to date with the latest news by reading our newsletter. Read more for special deals and the most exciting upcoming events!

Joseph Pollack

TIEMS Newsletter Editor



## TIEMS ORGANIZATION UPDATE

### TIEMS 2018 BOARD

During TIEMS 2017 Annual Conference in Kiev in Ukraine, the TIEMS AGM 2017 took place with election of new TIEMS Directors, and the board appointed TIEMS Officers, for the period 2017 - 2018, such that TIEMS Board in 2017 - 2018 comprises the below listed board members, 24 experts from 17 countries.

TIEMS Directors			
NO	Name	Country	Position
1.	K. Harald Drager	Norway	President (2)
2.	Guosheng Qu	China	Vice President (3)
3.	Jaroslav Pejcoch	Czech Republic	Secretary and Chair of TIEMS Advisory Board (3)
4.	Ji (Jack) Zhang	China	Treasurer (1)
5.	Snjezana Knezic	Croatia	Director Chapters & Membership TIEMS Proceedings Editor in Chief (3)
6.	Jean-Paul Monet	France	Regional Director Europe (2)
7.	Jae-Kwon Kim	South Korea	Regional Director Asia (1)
8.	Thomas V. Robertson	USA	Regional Director North America (3)
9.	Mohammed Shuaib	Iraq	Regional Director Middle East & Africa (1)
10.	Neil Dufty	Australia	Regional Director Australia, New Zealand & Oceania (2)
11.	Diego Otegui	USA/ Argentina	Regional Director Latin America & Caribbean (3)
TIEMS Appointed Officers for 2017 - 2018			
I.	Meen Poudyal Chhetri	Nepal	Chair of TIEMS Paper Review Committee TIEMS Proceedings Co-Editor (1)

II.	Sandro Bologna	Italy	Chair of TIEMS International Program Committee (1)
III.	Joseph Pollack	USA	TIEMS Regular Newsletter Editor (1)
IV.	Alex Fullick	Canada	TIEMS Special Issue Newsletter Editor (1)
V.	Samantha Ueno	UK	TIEMS Social Media Editor (1)
VI.	Shakir Katea	Iraq	TIEMS Task Force Activity Officer (1)
VII.	Yukio Fujinawa	Japan	Chair of TIEMS Disaster Early Warning Task Force Group (1)
VIII.	George Markowsky	USA	Chair of TIEMS Academy (1)
IX.	Wenlong Yang	China	TIEMS Asia Secretariat Officer (1)
X.	Nina Frolova	Russia	TIEMS Research, Technology and Development Coordinator (1)
XI.	Chen Ran	China	TIEMS Emergency Medicine Committee (TEMC) Director (1)
XII.	Ranko Britvic	Croatia	Officer for Sponsorship, Partnership & Exhibitors (1)
XIII.	Angeli Medina	USA/ Philippines	TIEMS 2018 Annual Conference Host (1)

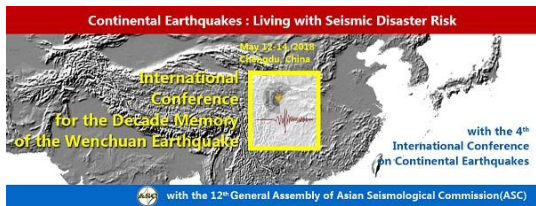


## TIEMS UPCOMING EVENTS

### International Conference for the Dcade Memory of the Wenchuan Earthquake

TIEMS is one of the supporting organizations of this event, and encourage to participation.

#### Scope of the Conference



<http://www.4thicce.com/>

Dear Friends,

It has been nine years since the great earthquake of Wenchuan, Sichuan, southwest China. The impact of that devastating event on either natural science or social sustainability was so important that a decade review will be of no doubt worth for further development. Continental earthquakes, a mixture of intra-plate and inter-plate earthquakes, forms the major threaten to human society not only along the Eurasian seismic belt but also in continental America, Australia, and Africa, among other places. Understanding of the seismogeneises, preparation, and occurrence of continental earthquakes, one of the challenging scientific issues in Earth science, plays an essential role for the reduction of the risk of earthquake disasters as well as the post-earthquake secondary disasters, calling for international exchange and cooperation. For about every decade, China Earthquake Administration (CEA), in collaboration with the academic and/or administrative organizations both in China and abroad, organizes the International Conference on Continental Earthquakes (ICCE). In connection to the 4<sup>th</sup> ICCE, the International Conference for the Dcade Memory of the Wenchuan Earthquake, organized by CEA in collaboration with several national and international organizations and projects such as IASPEI, UNISDR, IAEE, ISC, ASC, ACES and NSFC, among others, will be held on May 12-14, 2018, in Chengdu, Sichuan. The Conference will be focused on the exchange and cooperation in earthquake science and technology, countermeasures for earthquake disaster risk reduction, earthquake emergency response, and post-earthquake rescue, relief, and recovery.

We look forward to your participation in this Conference, and hope that this Conference will provide all of us with a good opportunity for fostering innovative ideas and productive cooperation.

With best regards

郑国光

## TIEMS QIEM CERTIFICATION - TQC

*TIEMS believes that education and training is the key to improved resilience worldwide, and TIEMS is therefore in the process of building up a comprehensive international education, training and certification program. TIEMS likes to promote an internationally shared understanding of emergency management elements, qualifications, and terminology. TIEMS is therefore launching TIEMS - QIEM - Certification of Qualifications in International Emergency and Disaster Management, or TQC, as a global concept to establish such a shared understanding.*

### TQC Mission and Vision

#### MISSION:

- To promote the development of certification of internationally accepted good practices of global emergency and disaster management methodologies and good practices. Furthermore, to encourage collaboration in the spheres of scientific, critical thinking, humanitarian and economic activities relating to international emergency disaster management, preparedness, risk reduction, response and recovery

#### VISION:

- The TIEMS TQC Certification is to be the leading international emergency and disaster management certification program
- The TIEMS TQC Certification shall result in international agreement on the standardization of emergency and disaster management good practice

### TIEMS TQC Certification

- The TQC 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 the certification exam
- TIEMS Chapters will be responsible for adding local/national competences

Once a review is performed of all submitted documentation and a passing grade is achieved on the certification exam, the TQC designation will be awarded by TIEMS TQC Certification Board.

Recertification will be required every three (3) years.

### TQC Applicants Requirements

- *Being Certified in Emergency Management/Disaster Response or Similar by Another Certifying Institution Approved by TIEMS*

or

- *Document a Practical or Theoretical Background in Emergency and Disaster Management for a minimum of 4 years*

- *Provide a Letter of Recommendation to TIEMS TQC Certification Board from a Current or Former Employer*

### **TIEMS 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

### **Background Information**

- [TIEMS Academy Introduction - TA](#)
- [TIEMS DRR Communication Platform Introduction - DRRP](#)

### **The TQC Curriculum**

The TQC Curriculum is to be developed through cooperation with worldwide recognized universities and training institutions, and TIEMS is asking all with interest for this topic to contribute to the content and practicality of TQC by answering the TQC Survey which is found on the following link:

#### [The TQC Survey](#)

Thank you for answering the TQC Survey.

The TQC Survey has been available for some time and has been answered by 67 experts from 32 countries, and a preliminary report of the TQC Survey main findings is found below.

## Preliminary Results from the Survey on Development of the TIEMS TQC Curriculum

TQC = **TIEMS** **Q**ualifications in International Emergency and Disaster Management (QIEDM) **C**ertification

### Introduction

TIEMS TQC Survey seeks opinions from the international emergency management and disaster response community on structure and content of TIEMS international certification concept, TQC, defined as TIEMS Certification of "Qualifications in International Emergency and Disaster Management" (QIEDM). At present, 67 experts from 32 countries have answered the TQC survey. They come from the following countries:

- |               |                  |                |
|---------------|------------------|----------------|
| ▪ Norway      | ▪ Russia         | ▪ France       |
| ▪ Iraq        | ▪ UK             | ▪ Oman         |
| ▪ Nepal       | ▪ Canada         | ▪ New Zealand  |
| ▪ Jordan      | ▪ Japan          | ▪ Slovakia     |
| ▪ South Korea | ▪ Finland        | ▪ Germany      |
| ▪ USA         | ▪ Philippines    | ▪ Netherlands  |
| ▪ Italy       | ▪ Czech Republic | ▪ South Africa |
| ▪ China       | ▪ India          | ▪ Switzerland  |
| ▪ Ukraine     | ▪ Nigeria        | ▪ Kosovo       |
| ▪ Australia   | ▪ Spain          | ▪ Turkey       |
| ▪ Croatia     | ▪ Argentina      |                |

The collection of responses are still on going, but below is found the preliminary findings of the TQC Survey.

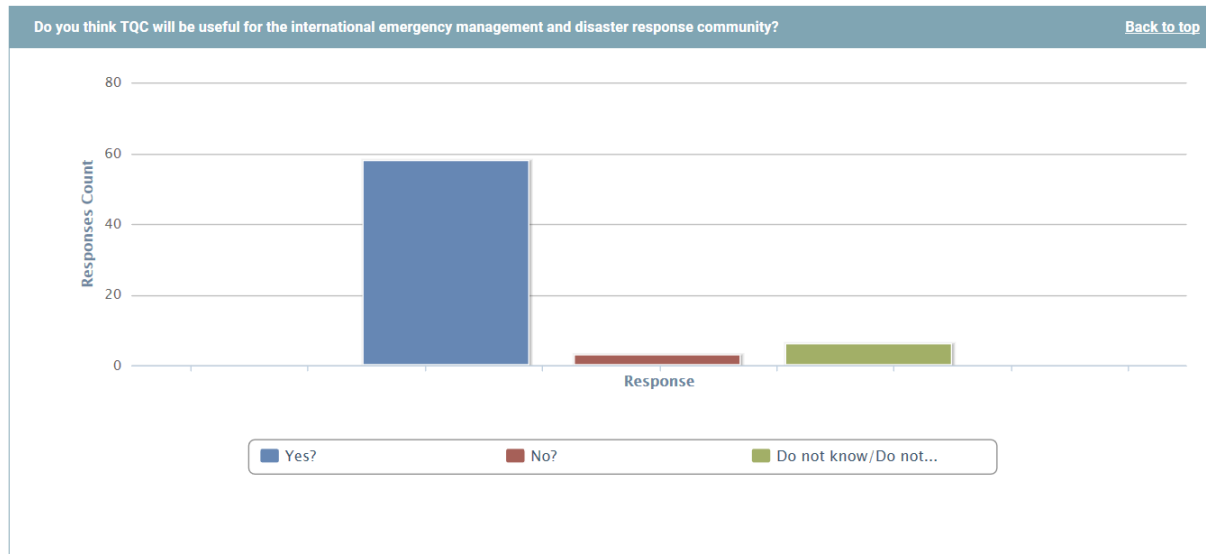
### TIEMS Global Network Supports Development of the TQC Concept

After a brief introduction in the Survey of the background and purpose of the TQC concept, the questionnaire asks if the respondent supports the development of the TQC concept. The introduction and the response to this question follow below, and show that the majority of the respondents support this development, namely 86.57 %.

### 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: 58 (86.57%), No: 3 (4.48 %), Do not know/Do not want to answer this question: 6 (8.96 %)**  
**Total responses: 67**

## The Reason for Support of Development of TQC

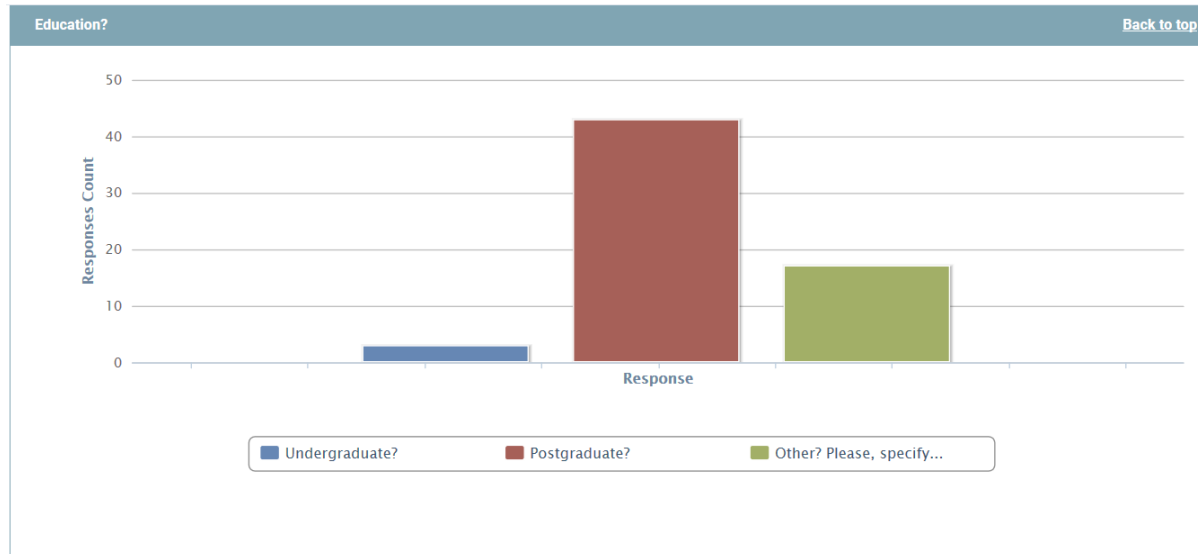
The respondents were asked to state why they support TIEMS development of the TQC, and the following are key issue responses selected from all answers:

- 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 it 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.

## Background and Experience of Those who Answered the Survey

### Education



**Undergraduate: 3 (4.76 %), Postgraduate: 43 (68.25 %), Other: 17 (26.98 %),  
Total responses: 63**

Profession or speciality of those who have answered the questionnaire shows a good spread of competences:

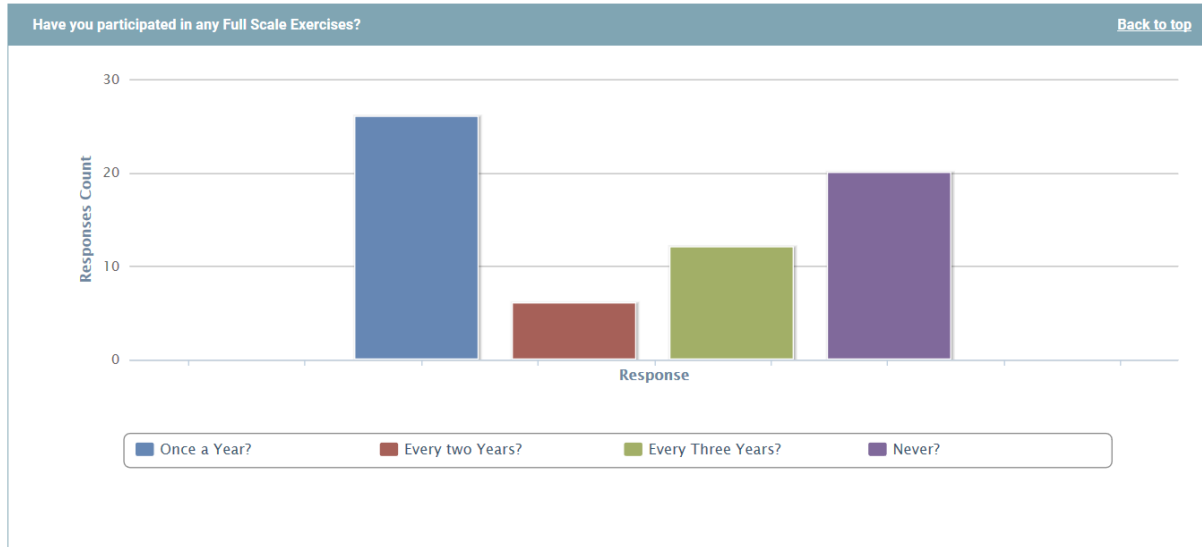
- *Emergency Medicine Master trainer*
- *Water waste water emergency response and recovery*
- *Disaster Management Specialist*
- *Non structured Disaster Management*
- *Engineer/Consultant*
- *Professor, Consultant, Trainer*
- *Critical Infrastructures Resilience*
- *Professor of USAR Expert Group Leader of CEA Deputy General Team Leader of CHINA International SAR Team*
- *Economist, Phd. disaster management*
- *Doctor of physical and mathematical sciences, professor, civil protection*
- *Natural hazards consultant*
- *Mathematical modelling, Environmental safety and Civil protection*
- *Risk management, disaster & emergency management, critical infrastructure protection, system sciences in general, information systems*
- *Seismic loads; seismic and natural risk assessment and management; near real time earthquake loss estimation in emergency mode*
- *Emergency Industry Zone Plan, Public emergency safety experience, Seismic Risk Analysis and Assessment*
- *Senior Fire Officer*

- *Researcher*
- *Business Continuity Management / Disaster Recovery Planning Program & Project Management*
- *Computer Science*
- *Disaster Information as early warning and/or prediction*
- *Security expert*
- *Social media*
- *Emergency and Disaster Management; CCDRR Education*
- *Innovation management and finance*
- *Remote sensing*
- *Information technologies, electronics*
- *Head of the Department of civilian protection and computer modelling of ecology -geophysical processes*
- *Emergency and Disaster Management*
- *Head of Unit for Specialized Training in Protection and Rescue, National Protection and Rescue Directorate*
- *Associate Professor, Department of Geodesy and Cartography, Faculty of Geography*
- *Professional specialist engineer of crisis management*
- *Project Officer in Critical Infrastructure Protection and Resilience*
- *Secretary General.*
- *Resilient recovery; urban resilience*
- *Environmental Management*
- *Management*
- *President, CEO*
- *Chairman of KSDS.*
- *Emergency Medicine*
- *Officer Development in Emergency Management.*
- *CBRN protection military branch*
- *Software developer*
- *Resilience, human factors*
- *Water sanitation and legislation analyses.*
- *Senior Security Expert*
- *Civil/Military background and education, telecom and civil protection- emergency management. Bachelor degree - Military Master degree - Civilian*
- *Risk management with specialist skills in emergency management, petrochemical emergency response, business continuity/disruption related risk, and risk communications.*
- *Radiation Protection/Nuclear Engineering/Health Physics*
- *Command and control system Architecture*
- *CBRN Officer, Military*
- *Emergency management, specializing in higher education*
- *Emergency Manager*
- *Mental Health/Emergency Management*
- *Emergency medicine specialist*
- *Marine Communications, Marine Emergencies Response (& Applications of OPRC and HNS Conventions), Maritime Policy*
- *Information Systems, cyber security, systems analysis, crisis management, engineering*
- *Ph.D. in Emergency Management from The George Washington University, with a research emphasis in military support to civil authorities*

## Participation in any Emergency Deployment

Have you participated in any Emergency Deployment?			<a href="#">Back to top</a>
Local Emergency Declaration?	27	42.86%	
State Level Declaration?	17	26.98%	
National Level Declaration?	28	44.44%	
International Level Declaration?	20	31.75%	
Never?	19	30.16%	
# of people who answered question	63		

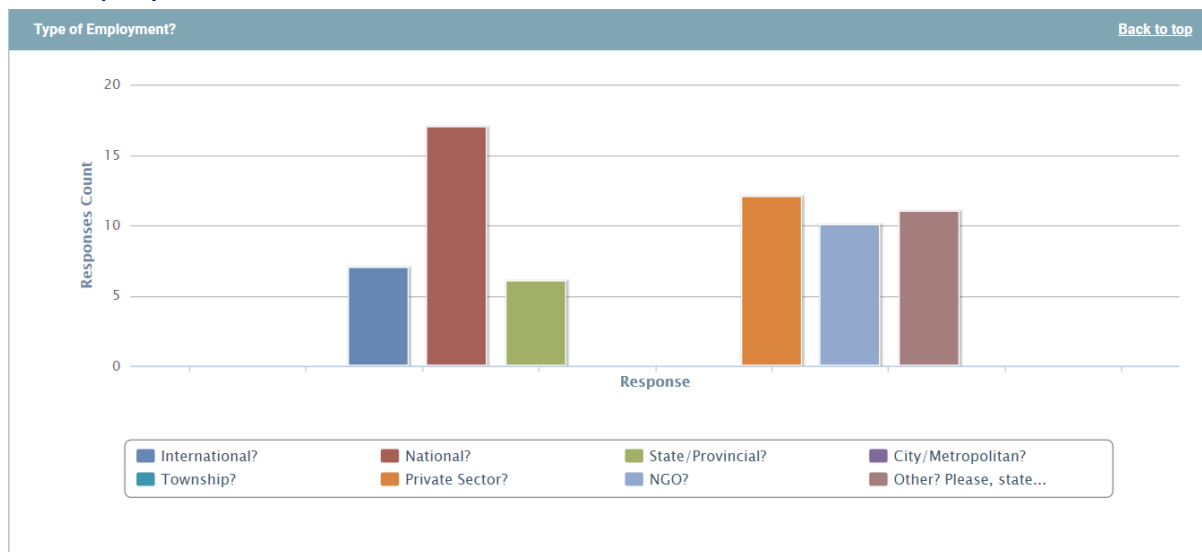
## Participation in full scale exercises



**Once a Year: 26 (40.63 %), Every two Years: 6 (9.38 %), Every three Years: 12 (18.75 %), Never: 20 (31.25 %)**

**Total responses: 64**

## Type of Employment

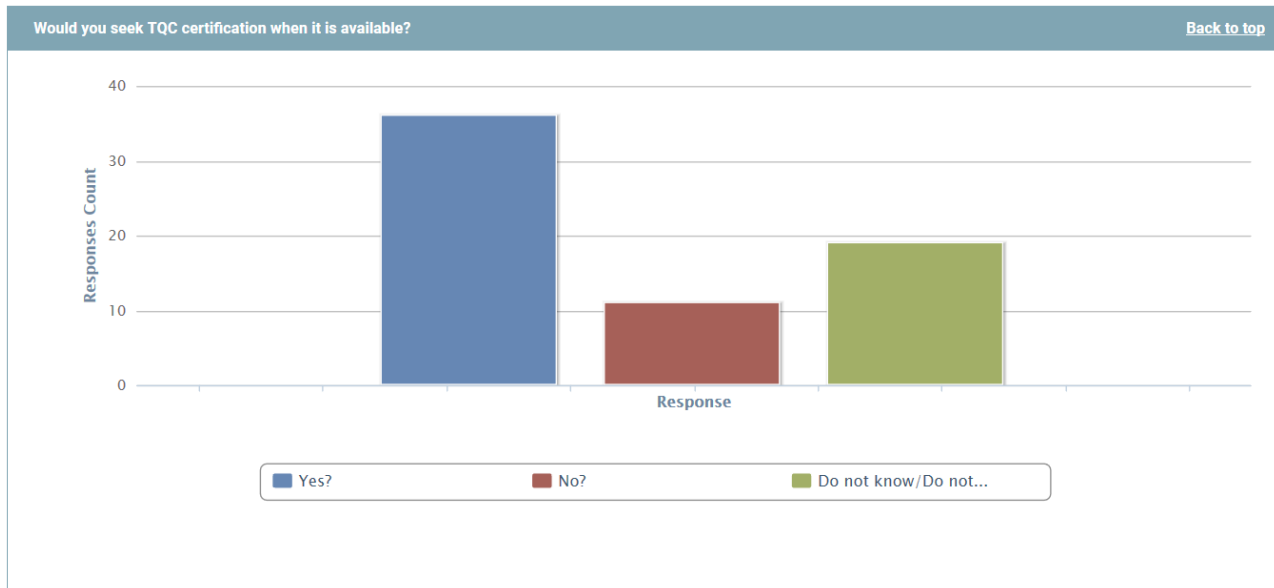


**International: 7 (11.11 %), National: 17 (26.98 %), State/Provincial: 6 (9.52 %), Private Sector: 12 (19.05 %), NGO: 10 (15.87 %), Other: 11 (17.46 %)**

**Total responses: 63**



## Will the Respondents to the Survey seek TQC Certification?



**Yes: 36 (54.55 %), No: 11 (16.67 %), Do not know/Do not answer this question: 19 (28.79 %),**

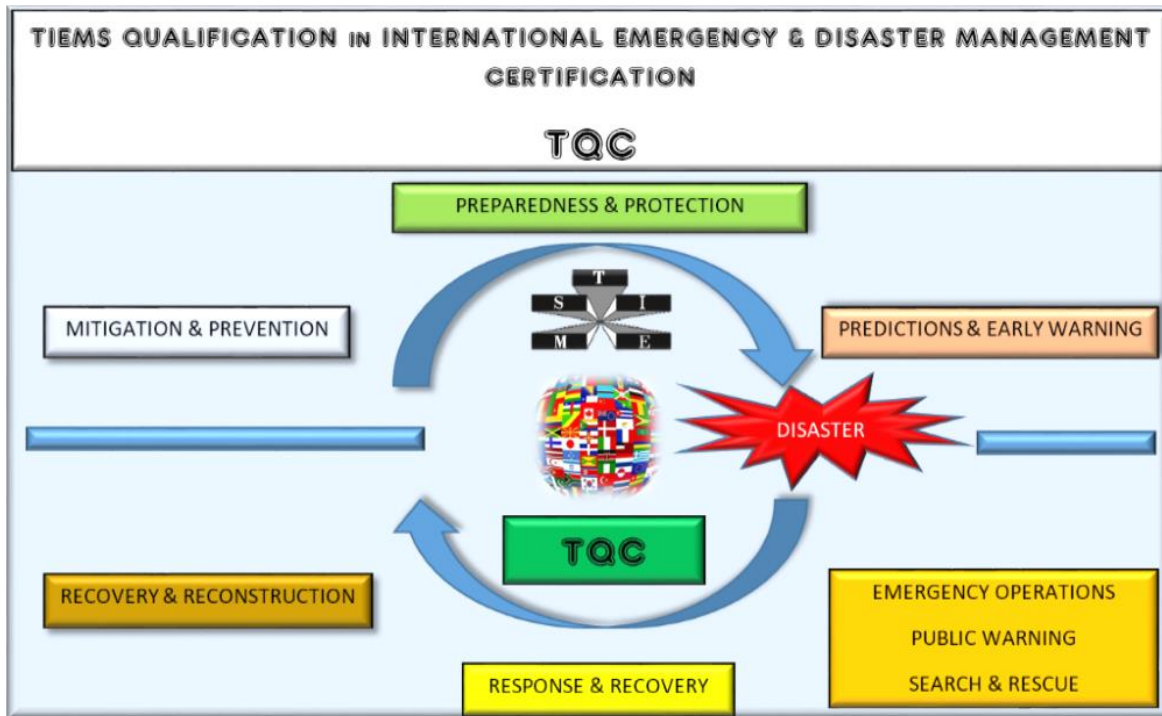
**Total responses: 66**

It is very promising response that more than half of the respondents indicate that they will seek the TQC certification when available.

## Knowledge and Competences to be included in TQC Curriculum

The respondents were given a list of multiple choices of knowledge/competences for inclusion in the TQC Curriculum. In addition, they were asked to add other knowledge/competences not found in the list, which they think is important to include in TQC Curriculum.

Based on the answers, TIEMS has made up a first draft TQC Curriculum of which competences should include, and which are put into the context of the Disaster Cycle in an International Perspective, as illustrated in the figure below.



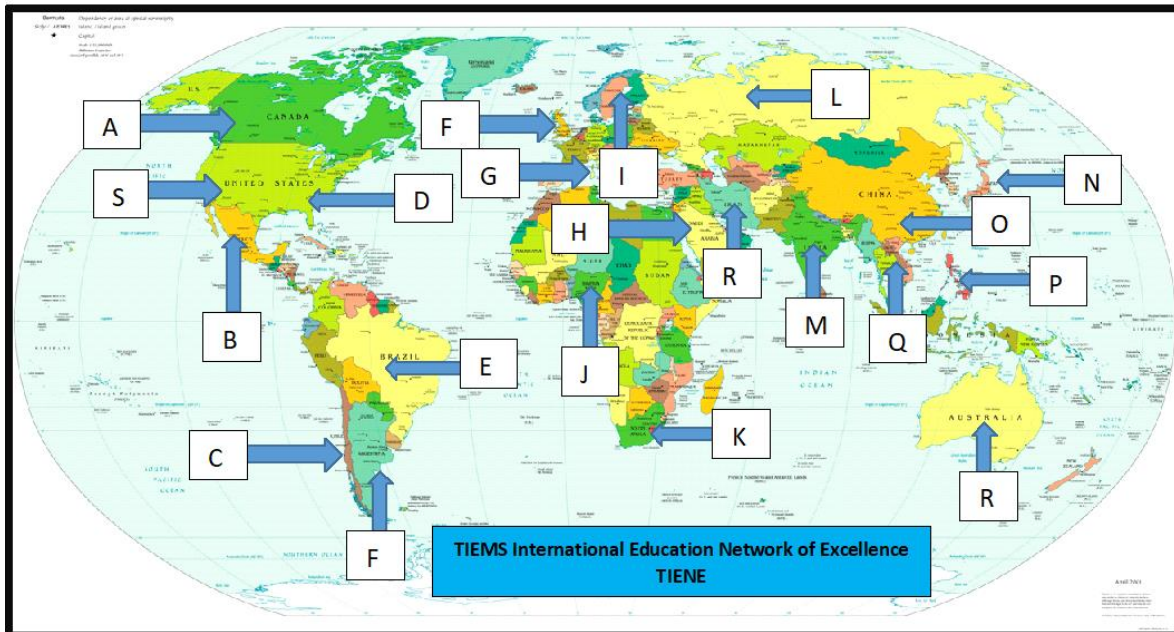
TIEMS will not "re-event the wheel" in the TQC development. TIEMS will seek cooperation worldwide with universities and training institutions offering courses within the suggested preliminary TQC curriculum, and invite to cooperation in this effort. However, there may be need for development of new courses that are not offered by anyone today.

This will assure that the TQC Curriculum will be of good quality and according to the state-of-the-art, TIEMS will seek cooperation with worldwide universities and training institutions, which teach courses and provide training that fit into the TQC Curriculum. These courses and training need to be in the English language. Agreements need to be signed with these cooperating universities and training institutions such that these courses can be offered on-line as part of the TQC Curriculum, or be taught in classrooms at the universities or training institutions, which like to cooperate on this effort.

These universities and training institutions will then be part of TIEMS Global Education Network of Excellence. These courses and training will form the full TQC Curriculum, and be updated and developed according to the-state-of-the-art, seeing to it that these courses and training are always up-to-date.

TIEMS worldwide Chapters will be national contact points for the different universities and training institutions.

TIEMS will seek cooperation worldwide, such that all world continents are included within the TIEMS Global Education Network, as shown in the picture below.



For interest to be part of this initiative, please, contact TIEMS President at:  
[khdrager@online.no](mailto:khdrager@online.no)

## REPORTS FROM TIEMS EVENTS

### DISASTER PREPAREDNESS & RESPONSE TRAINING & WORKSHOP

The Philippine Hospital Association (PHA) held our **Disaster Preparedness & Response Training & Workshop** at the Manila Hotel on November 18, 2017, extending the 68<sup>th</sup> PHA - Annual National Convention to accommodate these pressing issues.

The workshop featured distinguished expert speakers, including K. Harald Drager, the President of The International Emergency Management Society (TIEMS), Dr. Qu Guosheng, the vice president of TIEMS, Carl W. Taylor, Executive Director of the Fransier Institute for Health and Risk Analysis XCH-LLC (Kenya), Angeli Medina, the Executive Director and acting president of TIEMS Philippine Chapter, and our very own Dr. Jaime A. Almora.

The hot topics ranged from “TIEMS Worldwide Efforts Towards More Resilient Societies”; “Urban Search And Rescue (USAR) Capacity Buildings and Disaster Responses in Asia and Pacific Area”; “Hospital Connectivity - Installation of Software & Training of Communication Officer & Disaster Response Team”; “Overview of Mutual Assistance Agreement”; and “Overview of Healthcare Continuity Reserve Corps (HCRC)” - all in a concerted effort to prepare our member hospitals for the challenges of disaster preparedness and response.

The PHA remains dedicated to serving our hospitals and, ultimately, the people. It is our ambition that disasters shall be merely hardships that can be overcome through our united stand. Our advocacy of disaster preparedness and response will continue and will strengthen in the future programs of the PHA.



K. Harald Drager & Guosheng Qu giving their speeches





Guosheng Qu giving away certificates of participation





Farewell lunch at Manila Hotel

## Second International Conference on Disaster Management

The UST College of Nursing (USTCN) recently held its second International Conference on Disaster Management at the St. Martin de Porres cinematorium (medicine auditorium) last November 17, 2017 with the theme: *“Disaster Preparedness: Building a Culture of Collaboration and Resilience”*. An excellent line up of disaster management experts and scientists were among the speakers.

The morning session begun with the talk of Ms. Angeli Medina, MPA, RN about “Building a Disaster Resilient Healthcare Continuity.” Further, she shared that Mitigation, Preparedness, Response, Recovery and Volunteers or what she coined as the Formula MPR2V make a resilient healthcare system. Director of the Center for Civic and Nonprofit Leadership in Florida State University, Dr. Ralph S. Brower, PhD discussed his research on “Leadership for Disaster Risk Reduction and Recovery: A variety of types and characteristics.” Subsequently, “Disaster Preparedness and Response” and Foreign Disaster Assistance of the United States Agency for International Development was elaborated by Joseph Curry, U.S State Department Regional Advisor. Undersecretary Ricardo B. Jalad, Executive Director- NDRRMC and Administrator- Office of Civil Defense highlighted on “Philippine DRRM System and the Government’s Response During Disasters.”

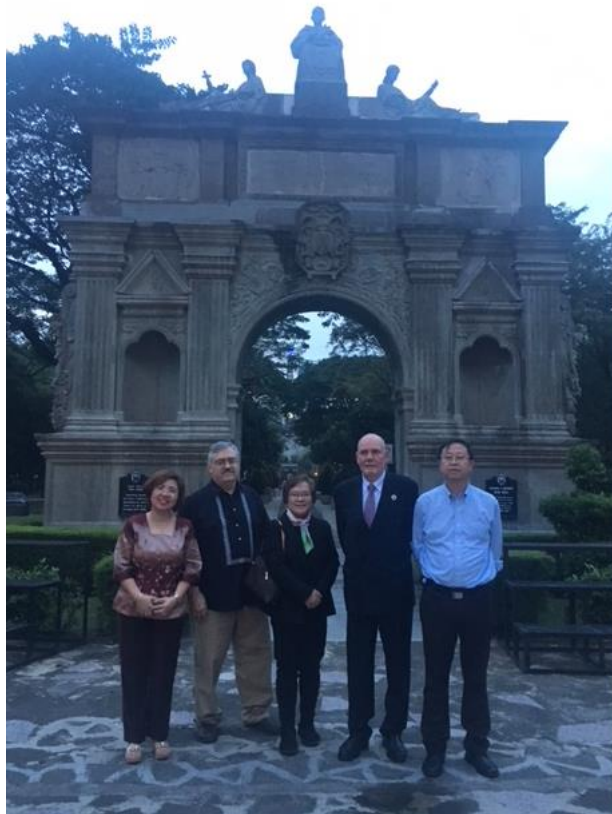
Dr. Gousheng Qu, PhD graced the afternoon session with a discussion that centered on “Community Emergency Response Team (CERT) Capacity Buildings and Disaster Responses in Asia and Pacific Area.” President of the International Emergency Management Society (TIEMS), Kare Harald Drager, delivered a talk about “TIEMS Global Work for Improved Resilient Societies Worldwide.” The topic on “The Philippines’ Current Strategies in Disaster Risk Reduction and Climate Change” was encompassed by Dr. Renato, Undersecretary, Disaster Risk Reduction and Climate Change Adaptation, DOST. Finally, Ms. Mayfourth Luneta, Deputy Executive Director, Center for Disaster Preparedness Foundation, talked about “Volunteers’ Big Prep for the Big One.” She also addressed a note to the volunteers by telling “You volunteer for a kind of service that: Save lives, Alleviate suffering and Maintain human dignity.”

The Conference was attended by educators, disaster risk reduction specialists, disaster preparedness teams, nursing staff and nursing students from different universities/ colleges, hospitals & NGOs of Metro Manila, Quezon Province and Baguio City. The conference received raving reviews from the 800++ attendees. This free seminar was made possible through the efforts of UST College of Nursing International Relations coordinator: Asst. Prof. Elizabeth D. Cortez, MAN, RN who serve as the over-all chairperson of the event and Ms. Angeli Medina, a UST BSN alumna of Class ‘75 who collaborated with The International Emergency Management Society (TIEMS) and TIEMS Philippines.





The speakers at UST conference assembled afront of the audience



The famous portal at UST



## **TEMC&BHGF 2017 International Medical Forum & the 6<sup>th</sup> Harvard China Conference in Nanjing**

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

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.

On behalf of the forum organizer, President Han Guangshu of Nanjing Drum Tower Hospital introduced the hospital's history in his speech and expressed thankfulness for the attention and support from health administrative departments at the beginning of the conference, the help from The International Emergency Management Society Emergency Medical Committee (TEMC), and the Beijing Huatong Guokang Foundation (BHGF) for the international medical staff training program. As the forum was held on November 11<sup>th</sup>, president Han expressed four expectations with an arabic numeral ONE: one mission, one consensus, one bridge and one dream. He was calling on domestic and foreign counterparts to work together to make new contributions to healthcare through the platform.

On the morning of the 11<sup>th</sup>, the Harvard Medical School, TEMC & BHGF and Nanjing Drum Tower Hospital formally signed a memorandum of tripartite cooperation. 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.

Nine learning reports were issued during the conference: the Harvard Senior personnel training program, UK-Sweden health management program, Italy- Germany Health management program, Harvard critical care medicine program, Harvard clinical laboratory program, Harvard Oncology program, Harvard Cardiology program, Johns Hopkins Pharmacy program, UK Finance program. Mr. K. Harald Drager, The President of The International Emergency Management Society, Mr. David Roberts, Dean of External Education of Harvard Medical School, Dr. Wei Xiaochun, Director of Health and Family Planning Commission of Shanxi Province; Director Chen Ran of TEMC & BHGF; and Mr. Han Guangshu, president of Nanjing Drum Tower Hospital co-chaired the publication ceremony and served as the ceremony guests. Project partners and some student representatives made their speeches and shared learning experience.

At the meeting, K. Harald Drager, Chairman 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.

After fierce competition, The First Affiliated Hospital of Xi'an Jiaotong University and Shaanxi Provincial People's Hospital won the right to host 2018 TEMC & BHGF International Medical Forum & the Seventh Harvard China Program Experience Exchange conference. President K. Harald Drager, Director Chen Ran and Professor David Roberts awarded "Permanent Place Honors Trophy" and "Harvard International Forum Host Trophy" to Nanjing Drum Tower Hospital and the organizers of the next forum.

On the morning of the 12th, the president sub-forum and other sub-forums were held as scheduled, in which experts exchanged experiences and shared knowledge on various specialties, mainly hospital management, oncology, cardiology, clinical laboratory, finance, critical care and pharmacy. Experts expressed that this conference is rewarding and commended the strong academic atmosphere. Speakers listened carefully and discussed openly, building and exchanging academic viewpoints, forming a high-end platform for developing ideational synergy. Nearly 200 delegates made a visit to Nanjing Drum Tower Hospital.

Over the years, TEMC & BHGF has adhered to the establishment of a public welfare-support platform and an international high-end resource platform to help Chinese medical institutions build cooperation with world-renowned universities and hospitals. The successful holding of 2017 TEMC & BHGF International Medical Forum & Harvard Medical School China Program Experience Exchange Conference has effectively consolidated the medical exchanges achievements between China and foreign countries, established regular communication mechanism and continued international high-end dialogue, facilitating the cooperation between China and western countries in medical exchange and cooperation.



Main Conference Site



Ms. Chen Ran, Chinese Chairman of the Conference, making her speech



Chinese Chairman of the Conference, President Han Guangshu from Nanjing Drum Tower Hospital making his speech



Foreign Chairman of the Conference, President K. Harald Drager of The International Emergency Management Society delivering his speech



Foreign Chairman of the Conference, Professor David Roberts, Dean of External Education of Harvard Medical School making his speech





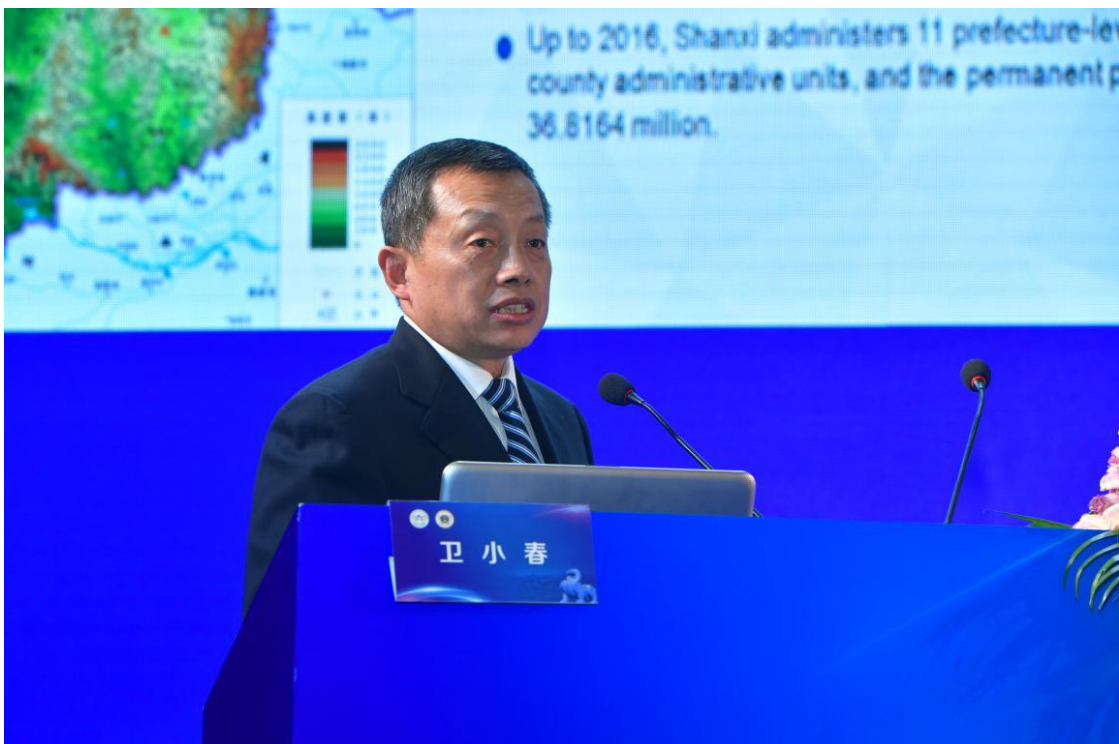
Deputy director from Nanjing Municipal Health and Family Planning Commission, Ms. Wang Jing making her speech



Dr. Hunter Young, Medical Director of Johns Hopkins University Medical Center making his speech



Ms. Wang Yonghong, Director of Jiangsu provincial committee of human resources environment, president of Jiangsu medical association making her speech



Mr. Wei Xiaochun, Director of Health and Family Planning Commission of Shanxi Province making his speech.



Ms. Wu Lingbo, Director of Trade and Health, British Council Shanghai office making her speech



Mr. Paul Gilligan, the CEO of St. Patrick's University Hospital in Ireland making his speech.





Harvard Medical School, TEMC&BHGF and Nanjing Drum Tower Hospital formally signed Tri-parties cooperation agreement



Helmut Middeke, the President of Klinikum Lippe GmbH making his speech



Learning reports Album- issuing ceremony



The Trophy Hand-Over ceremony for 2018 medical forum host city





The President' Sub-forum



Photos of sub-forum



Participants visiting Nanjing Drum Tower Hospital





Group Photo of President Forum Delegation



## ANNOUNCEMENTS & REPORTS OF INTERNATIONAL EVENTS

### Resuscitation & Research Conference 2018

#### Resuscitation and Research Conference 1<sup>st</sup> & 2<sup>nd</sup> April 2018

The first Resuscitation and Research conference is organized by The Sultan Qaboos University Hospital (SQUH) Emergency medicine department in collaboration with Oman society of emergency medicine (OSEM) & American academy of emergency medicine (AAEM) during the period from 1st to 2nd April 2018. The event ran over 2 main Conference days and preceded by short pre-conference workshops on 30-31 March 2018.

#### **Conference Objectives**

The main objectives of the conference are to present the latest updates in the resuscitation field. The researchers also presented their projects in the main conference track and poster presentations. It is intended to be a forum for future researchers including medical students to present their research projects.

#### **Summary of the conference:**

The conference was conducted on 1<sup>st</sup> & 2<sup>nd</sup> April 2018 at Crowne Plaza Convention Center in Muscat, Oman. It was attended by 200 delegates.

The main themes presented included Cardiac resuscitation, Trauma resuscitation, Use of ECMO in ED, IV fluids & inotropes resuscitation, Interventional radiology role in critically ill patients, Ultrasound use in critically ill patients, Toxicological resuscitation, Research updates track, nursing in resuscitation track and prehospital resuscitation. During the main tracks, seven original research presentations were presented. There were 15 poster abstract presented in the poster session.

#### **Main highlights of the conference:**

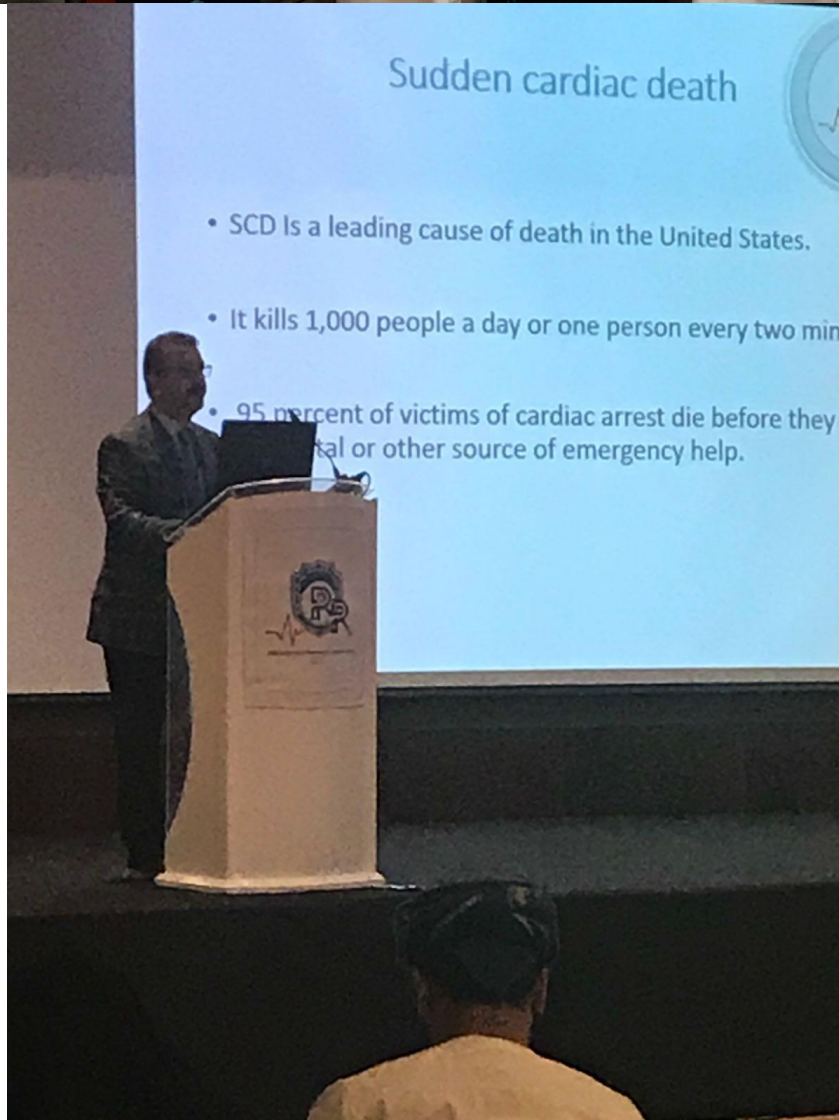
The latest updates were presented on the above themes. Cardiac resuscitation for STEMI patients is challenging and PCI is the best treatment for STEMI patients in cardiogenic shock. The ECMO could be a future modality of treatment for arrest patients in the ED and more data is being available. The selection of patients for ECMO is crucial. Sepsis management is getting better, fluid resuscitation is still recommended for sepsis and using time lines for resuscitation might improve the outcome for septic patients. An update on soft tissue infections was presented and early recognition, early antibiotics and early surgical treatment remains the main management modality to save such patients. Acute Stroke management depends on early treatment with thrombolytic therapy; and the guidelines are changing to include more patients. Epilepsy management is usually straightforward, however few cases could be very challenging and requires more aggressive treatment and looking for secondary causes.

During the research tracks, the research in acute care settings is challenging, ethics must be considered and collaborative work is required. Thrombolytic therapy within 6 hours for stroke might improve functional outcome at the expense of increasing intracerebral bleeding. Ultrasound is becoming the standard of care during resuscitation and guide resuscitation for both trauma and non-trauma crashing

patients. During the trauma track, massive transfusion protocol was highlighted to be the standard of care for massive trauma hemorrhage. A nursing track highlighted the importance of nursing role at all stages of resuscitation and how to update the nursing knowledge.



The HOD of SQUH emergency department opening speech



Musaab Ayob presentation





Audience



Exhibition

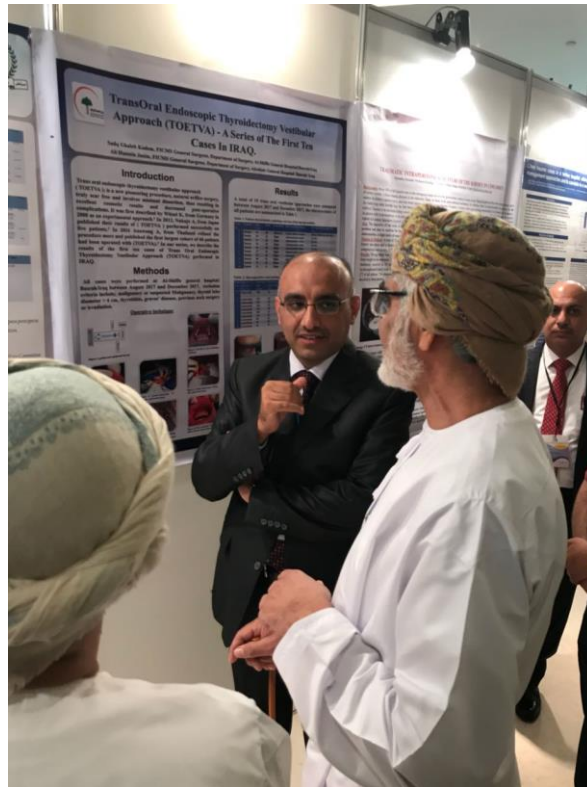


Attendees



Speakers and discussion panel

The minister of health and the president of sultan Qaboos University opening the poster abstracts booths.







Exhibition visitors



Research workshop



Basic disaster workshop



Airway workshop





Airway



ECG workshop



**Resuscitation & Research Conference 2018 (R&R)**  
1st to 2nd April 2018

**Pre-Conference workshops:**  
30- 31 March 2018

- ◆ Airway
- ◆ Disaster Preparedness & Practice
- ◆ Interactive ECG
- ◆ Echo in Critically ill patients
- ◆ Clinical Research Outline
- ◆ Urological emergency procedures

**Highlights Of Conference**

- ◆ Use of ECMO in ED
- ◆ Interventional radiology role in critically ill patients
- ◆ Ultrasound use in critically ill patients
- ◆ Research tracks & much more...

**Welcoming All Health Care Professionals!**

Conference Registration	Early bird registration (before 1st Mar'18)	Late bird Registration
Physicians	OMR 40	OMR 50
Residents	OMR 35	OMR 40
Nurses / Paramedics	OMR 30	OMR 35
Medical students	OMR 25	OMR 30

**Open for abstract submission**  
Deadline for ABSTRACT SUBMISSION 1st March 2018  
Visit our website & go to "Online Submissions"

Visit << <https://ocs.squ.edu.om/index.php/EMD/> >> for Registration & further details for conference & workshop  
Registration Deadline: 31 January 2018

**Venue:**  
**CROWNE PLAZA**  
AN IHG® HOTEL  
MUSCAT OMAN  
CONVENTION & EXHIBITION CENTRE

***An Update in resuscitation & critical care of acutely ill & injured patients  
To conduct annual research assembly for practitioners from Oman & other GCC countries***

**Avail this opportunity!**

For registration, visit the link:

<https://ocs.squ.edu.om/index.php/EMD/RandRConference>



# RESUSCITATION & RESEARCH CONFERENCE 2018



Day 1 – 1<sup>st</sup> April 2018

07.30-08.00	REGISTRATION	
08.00-08.30	Plenary session	<i>Dr. Moreno Walton</i>

## SESSION I:

### “CARDIOPULMONARY RESUSCITATION PART I” (Main Track)

Moderator: *Dr. Abdullah Al Reesi & Dr. Adil Al Riyami*

08.30-09.00	Cardiogenic shock – Evidence behind current practice	<i>Dr. Adil Al Riyami</i>
09.00-09.45	OPENING CEREMONY	
09.45-10.15	COFFEE BREAK	
10.15-10.40	ECMO experience in the ED	<i>Dr. Bruno Megarbane</i>
10.40-11.05	Incessant Ventricular Tachycardia – how to abort the ‘Storm’	<i>Dr. Ghaliyah Al Mohani</i>
11.05-11.30	Mechanical Ventilation made Easy	<i>Dr. Aisha Almemari</i>
11.30-11.50	Anaphylaxis resuscitation	<i>Dr. Mohamed Azzam</i>
11.50-12.00	Abstract Presentation	
12.00-12.15	Panel discussion	
12.15-13.15	LUNCH & PRAYER	

## SESSION II

### “SEPSIS RESUSCITATION”

(Track I)

Moderator: *Dr. Abdullah Balkhair & Dr. Moreno Walton*

### “PREHOSPITAL CARE RESUSCITATION”

(Track II)

Moderator: *Dr. Mohamed Al Busafi & Dr. Abdulmunim Al Farsi*

13.15-13.40	Diagnosis of sepsis <i>Dr. Khalfan Al Amrani</i>	EMS Horizon <i>Mr. Hamed Mafargi</i>
13.40-14.05	Sepsis 3 guidelines <i>Dr. Moreno Walton</i>	Air Medical Transport <i>Dr. Abdulmunim Al Farsi</i>
14.05-14.30	Challenges in Life Threatening Soft Tissue infections <i>Dr. Abdullah Balkhair</i>	Prehospital cardiac arrest resuscitation <i>Dr. Mohamed Al Busafi</i>
14.30-14.45	Abstract Presentation	Termination of resuscitation in prehospital <i>Dr. Musab Alayob</i>
14.45-15.00	Panel discussion	Panel discussion

15.00-15.25	COFFEE BREAK
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### SESSION III

#### **"CARDIOPULMONARY RESUSCITATION PART II"**

(Track I)

Moderator: *Dr. Saif Al Mubaisi & Dr. Mahmood Al Jufaili*

#### **"PEDIATRIC RESUSCITATION"**

(Track II)

Moderator: *Dr. Saeed Obaidani & Dr. Marwan Al Raisi*

15.25-15.50	<b>Crashing Pulmonary Embolism Patient</b> <i>Dr. Saif Al Mubaisi</i>	<b>Pediatric cardiac emergencies</b> <i>Dr. Khalfan Senidi</i>
15.50-16.15	<b>Cath post cardiac arrest care</b> <i>Dr. Ather Sadiq</i>	<b>Articles not to miss in Pediatric Resus</b> <i>Dr. Marwan Al Raisi</i>
16.15-16.40	<b>Cardiac arrest in young patients</b> <i>Dr. Mahmood Al Jufaili</i>	<b>Pediatric resuscitation challenges</b> <i>Dr. Saeed Obaidani</i>
16.40-16.55	<b>War Zone Resuscitation</b> <i>Dr. Alaa Humaidy</i>	<b>Abstract Presentation</b>
16.55-17.10	<b>Panel discussion</b>	

End of day 1



# RESUSCITATION & RESEARCH CONFERENCE 2018



Day 2 – 2th April 2018

08.00-08.25	Plenary session "Research"	Prof. Lamki Al Lamki
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## SESSION IV

### "RESUSCITATION RESEARCH"

(Main Track)

Moderator: Dr. Abdullah Al Reesi & Dr. Khalid Al Balushi

08.25-08.50	Challenges In Research In the Acute Care Setting	Dr. Khalid Al Balushi
08.50-09.15	Latest Literature in Cardiac Resuscitation	Dr. Abdullah Al Reesi
09.15-09.40	Latest Literature in Trauma Resuscitation	Dr. Ammar Al Kashmiri
09.40-10.05	Latest Literature in Emergency Ultrasound	Dr. Mohamed Al Shamsi
10.05-10.20	Panel discussion	
10.20-10.45	COFFEE BREAK	

## SESSION V

### "DIAGNOSTIC TOYS IN RESUSCITATION"

(Track I)

Moderator: Dr. Moreno Walton & Dr. Mohammed Al Shamsi

### "NEUROLOGICAL RESUSCITATION"

(Track II)

Moderator: Dr. Abdulla Al Asmi & Prof. Arun

10.45-11.10	Interventional Radiology for Crashing Patients Dr. Rashid Al Sukaiti	Acute stroke management Prof. Arunodaya R Gujjar
11.10-11.35	Pitfalls of Ultrasound In Resus Dr. Ahmed Al Hubaishi	Acute Intra-Cranial bleed update Dr. Mustafa Al Hinai
11.35-12.00	Cutting Edge Technology in Resus Dr. Amal Al Mandhari	Status epilepticus Dr. Abdulla Al Asmi
12.00-12.15	Abstract Presentation	Severe head injury resuscitation Dr. Khalid Al Shibli
12.15-12.30	Panel discussion	Panel discussion
12.30-13.30	LUNCH & PRAYER	

**SESSION VI:**

<b>"CRITICAL CARE"</b> (Track I) <i>Moderator: Dr. Abdulhakim Al Hashim &amp; Dr. Mohamed Azzam</i>		<b>"ULTRASOUND IN RESUSCITATION"</b> (Track II) <i>Moderator: Dr. Saif Al Ghafri &amp; Dr. Bader Hamrashidi</i>	
13.30-13.55	Lung Protective Ventilation <i>Dr. Abdulhakim Al Hashim</i>	13.30-13.55	Ultrasound guided vascular access <i>Dr. Saif Al Ghafri</i>
13.55-14.20	Critical care update <i>Dr. Mujahid Al Busaidi</i>	13.55-14.20	Lung Ultrasound in Resuscitation <i>Dr. Bader Hamrashidi</i>
14.20-14.45	Guided Fluid resuscitation <i>Dr. Mohamed Azzam</i>	14.20-14.45	Ultrasound In Trauma Resuscitation <i>Dr. Ahmed Al Jabri</i>
14.45-15.00	Panel discussion	14.45-15.00	Panel discussion
15.00-15.20	COFFEE BREAK	15.00-15.20	COFFEE BREAK

**SESSION VII:**

<b>"TOX &amp; TRAUMA RESUSCITATION"</b> (Track I) <i>Moderator: Dr. Hani Al Qadhi &amp; Dr. Suad Al Abri</i>		<b>"NURSING RESUSCITATION TRACK"</b> (Track II) <i>Moderator: Dr. Huda Al Awaisi &amp; Ms. Shamsi Al Balushi</i>	
15.20-15.45	Massive Transfusion Protocol <i>Dr. Mahmood Al Jufaili</i>	15.20-15.45	Update your resuscitation practice utilizing Research <i>Dr. Huda Al Awaisi</i>
15.45-16.10	Crashing Trauma Patient <i>Dr. Hani Al Qadhi</i>	15.45-16.10	Nursing role in medical resuscitation <i>Ms. Shamsi Al Balushi</i>
16.10-16.35	Toxicology Resuscitation <i>Dr. Suad Al Abri</i>	16.10-16.35	Challenges in pediatric & neonatal Resuscitation <i>Mr. Ibrahim Al Bahri</i>
16.35-17.00	Recent Literature in Toxicology <i>Dr. Badria Hattali</i>	16.35-17.00	Nursing role in Trauma resuscitation <i>Mr. Fathi Sulaiman Al Abri</i>
17.00-17.15	Panel discussion CLOSING REMARKS	17.00-17.15	Panel discussion CLOSING REMARKS

End of day 2







## Pre-conference Workshops

	<i>Workshop</i>	<i>Date</i>	<i>Time</i>	<i>Venue</i>	<i>Registration Fees (OMR)</i>
1	<b>Disaster Preparedness &amp; Practical Course</b> (max seats: 30)	Friday 30/03/2018	08.00-13.00	Training staff Department (DTD), SQUH	30
2	<b>Echo in Critically ill patients</b> (max seats: 25)	Friday 30/03/2018	08:00-12:00	Clinical skill lab, annex building, SQUH	40
3	<b>Urological Emergency Procedures Workshop</b> (max seats: 30)	Friday 30/03/2018	08:00-12:05	Clinical skill lab, annex building, SQUH	40
4	<b>Airway Workshop</b> (max seats: 30)	Saturday 31/03/2018	08.00-13.30	Training staff Department (DTD), SQUH	40
5	<b>Clinical Research Outline Workshop</b> (max seats: 20)	Saturday 31/03/2018	08:00-13:00	Seminar Room, annex building, SQUH	20
6	<b>Interactive ECG Workshop</b> (max seats: 40)	Saturday 31/03/2018	08.00-13.30	Clinical skill lab, annex building, SQUH	40

*Resuscitation & Research Preconference workshops will be held from 30 to 31 March 2018.*

Interested participants attending the workshop(s) are also required to register for the conference. Participants could register for one or more workshops but not more than 3 workshops are allowed per participant. All health care professionals are invited to attend.

## **DISASTER PREPAREDNESS & PRACTICE COURSE**

The Disaster preparedness course is a single-day concise course to provide summarized version of basic & advance disaster life support course with the purpose to shift from individual to population based care in public health emergency according the types of disaster at any situation, to practice on mass casualty triage using appropriate personnel protective equipment and decontamination measures according to the disaster and public health emergency.

**Upon completion of the course participant will be able to:**

- Describe the purpose and importance of incident management system for providing health and medical support services in a public health emergency
- Describe all hazards standardized, scalable workforce protection approach for the use in disaster and public health emergencies
- Describe the deployment readiness components for health professionals in a disaster or public health emergencies
- Practice of mass casualty triage in a simulated disaster scenario
- How to select personnel protective equipment and decontamination measures appropriate for personnel and public health emergencies

**Venue:** DTD, Training department, SQUH

**Date:** 30/03/2018

**Time:** 07.45-13.05

**Maximum candidates:** 30

**Registration fees:** OMR 30

**Agenda**





## DISASTER PREPAREDNESS & PRACTICE WORKSHOP

*Preconference workshop*

**Date:** 30<sup>th</sup> March 2018

**Venue:** Training department, DTD, SQUH

Schedule	Topic	
07.45-08.00	REGISTRATION	
08.00-08.15	Course Overview	
<b>LECTURES</b>		
08.15-08.50	Disaster Basics Workforce Readiness & Deployment	
08.50-09.25	Natural & Biological Disaster	
09.25-10.00	Chemical Explosives & Radiological Disaster	
10.00-10.20	BREAK	
<b>WORKSHOPS</b>		
10.20-11.30	Rotating Skill Station:	
	1- Mass Casualty Triage	
	2- Surge	
11.30-12.30	Personal Protective Equipment & Decontamination	
12.30-13.05	Field Casualty Triage	
	End of course	

## **UROLOGICAL EMERGENCY PROCEDURES WORKSHOP**

The UROLOGICAL EMERGENCY PROCEDURES WORKSHOP, as a part of Resuscitation and Research conference is a one-day course on 9th Feb 2018, which will be conducted by a group of renowned clinical experts. Our aim is to provide insight & hands on experience on different Urological procedures and to develop each candidate's skills. This workshop mainly focuses on procedures like Suprapubic Catheterization, Priapism management and use of Ultra Sound machine in Urology Emergency.

**Upon the successful completion of the Emergency urological care workshop the candidates will be able to:**

- To analyze the etiology of priapism, contemporary approaches to its management, efficacy of treatment and to minimize possible complication.
- Sharpen 'SKILL SAW' – The candidates will be able to sharpen their skill practice with new ideas and approaches that make them more effective and efficient at work.
- To assess the accuracy and benefit of ultrasound in urological emergency.
- Meet EXPERTS face to face and can have an interaction with them
- To perform a suprapubic catheterization independently and will be competent in management of a suprapubic catheter.
- Learn New tips and tactics
- Takeaway: - Updated knowledge, ideas, skills, confidence for practice.

**Venue:** DTD, Training department, SQUH

**Date:** 30/03/2018

**Time:** 08:00 to 12:05

**Maximum candidates:** 30

**Registration fees:** OMR 40

**Agenda**







## UROLOGICAL EMERGENCY PROCEDURES COURSE

### *Preconference workshop*

**Date:** 30<sup>th</sup> March 2018

**Venue:** Clinical Skill Lab, Annex Building, COMS&HS

Schedule	Topic	
07:45-08:00	REGISTRATION	
<b>LECTURES</b>		
08:00-08:25	Acute Urinary Retention	
08:25-08:40	Priapism Management	
08:40-08:55	Ultrasound Use in Urology Emergency	
<b>WORKSHOPS</b>		
08:55-09:50	Suprapubic Catheter Insertion	GROUP A
	Priapism Aspiration	GROUP B
	Ultrasound in Urology Emergencies	GROUP C
09:50-10:05	BREAK	
10:05-11:00	Suprapubic Catheter Insertion	GROUP B
	Priapism Aspiration	GROUP C
	Ultrasound in Urology Emergencies	GROUP A
11:00-11:55	Suprapubic Catheter Insertion	GROUP C
	Priapism Aspiration	GROUP A
	Ultrasound in Urology Emergencies	GROUP B
11:55-12:05	DISCUSSION, CONCLUSION	
	End of course	

## AIRWAY WORKSHOP

Airway workshop is a one-day course which will be conducted by a group of renowned clinical experts. Our aim is to provide insight and hands-on experience on airway techniques and to develop each clinician's ability to predict and manage any emergency airway. This workshop focuses on management of the basic, advanced, difficult and failed Airway. The course emphasizes assessment and decision-making to enable participants to manage any emergency airway they encounter. This 'practice-changing' program offers multiple hands-on sessions that reinforce the learning and provide valuable practice time with proven airway device.

**Upon completion of the course participant will be able to:**

- Have conceptual frame work for the basic, advanced and difficult airway.
- To familiarize with methods and devices used for maintaining an airway.
- Rapid sequence intubation.

**Venue:** DTD, Training department, SQUH

**Date:** 31/3/2018

**Time:** 08.00-13.00

**Maximum candidates:** 30

**Registration fees:** OMR 40



## AIRWAY WORKSHOP

### *Preconference workshop*

**Date:** 31<sup>st</sup> March 2018

**Venue:** Training Department, DTD, SQUH

Schedule	Topic	
07:45-08:00	REGISTRATION	
08:00-08:20	Pre-test	
08:20-09:00	General Approach for Airway Management	
09:00-10:10	BASIC AIRWAY	Group A
	ADVANCED AIRWAY	Group B
	DIFFICULT AIRWAY	Group C
10:10-10:40	BREAK	
10:40-11:50	BASIC AIRWAY	Group B
	ADVANCED AIRWAY	Group C
	DIFFICULT AIRWAY	Group A
11:50-13:00	BASIC AIRWAY	Group C
	ADVANCED AIRWAY	Group A
	DIFFICULT AIRWAY	Group B
13.00-13.30	Post-test, Conclusion	
	End of course	



## CLINICAL RESEARCH OUTLINE WORKSHOP

A unique workshop to guide a candidate to be able to:

- Provide an overview of basic biostatistical and epidemiologic methods involved in conducting clinical research
- Develop a research question and formulate a testable hypothesis
- Describe the principles involved in the ethical, legal, and regulatory issues in clinical human subjects research.
- Describe the infrastructure required in performing clinical research and the steps involved in developing and funding research studies.
- Draft a clinical research outline.

**Venue:** Seminar Room, Annex building, COMS&HS, SQU

**Date:** 31/03/2018

**Time:** 08.00-13.00

**Maximum candidates:** 20

**Registration fees:** OMR 40

**Agenda**





## CLINICAL RESEARCH OUTLINE WORKSHOP

### *Preconference workshop*

**Date:** 31<sup>th</sup> March 2018

**Venue:** seminar room, Annex building, COMS&HS

Schedule	Topic	
07:30-08:00	REGISTRATION	
08:00-08:30	<b>Introduction of research proposal:</b> <ul style="list-style-type: none"> <li>• Project title</li> <li>• The specific research question</li> <li>• Background to research question</li> </ul> Literature review	
08:40-09:10	<b>Research Methodology part 1</b> <ul style="list-style-type: none"> <li>• Study design</li> <li>• Population</li> <li>• Recruitment</li> <li>• Inclusion and exclusion criteria</li> <li>• Intervention</li> <li>• Outcome measures</li> </ul>	
09:30-10:10	<b>Research Methodology Part 2</b> <ul style="list-style-type: none"> <li>• Data collection</li> <li>• Follow up</li> <li>• Planned analysis</li> </ul> Power calculation	
10:20-10:50	BREAK	
10:50-13:00	<b>Practical session and discussion</b>	
	End of course	

## INTERACTIVE ECG WORKSHOP

A Single-day course that deals with Theoretical and practical workshop focusing the ECG monitoring, traces and interpretation.

**Upon completion of the course participant will be able to:**

- to read 12 lead ECGs & rhythm strips using a systematic approach
- Analyze Rhythm abnormalities & ECGs in special situation
- Identify the effects on the ECG in Acute coronary syndrome

**Venue:** Clinical skill lab, Annex building, COMS&HS, SQU

**Date:** 31/03/2018

**Time:** 08.00-13.30

**Maximum candidates:** 80

**Registration fees:** OMR 40

**Agenda**





## International Conference on Climate Change and Disaster Risk Reduction

### **International Conference on Climate Change and Disaster Risk Reduction**

**October 26-28, 2018**



**Organized By**

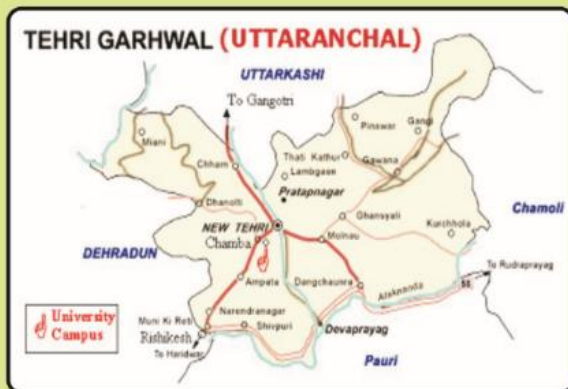


**DEPARTMENT OF GEOLOGY**

HNB GARHWAL UNIVERSITY  
CAMPUS BADSHAHI THAUL, TEHRI GARHWAL  
UTTARAKHAND, INDIA

## THE VENUE

The H.N.B Garhwal University, Badshahi Thaul situated on the Delhi-Gangotri National Highway (NH-58) between Chamba and New Tehri road of Tehri Garhwal, Uttarakhand. The view of snow capped Himalayan Mountains and Bhagirathi valley are most spectacular. The scenic University campus is at an elevation of 1750 mts on ridge facing east, surrounded by dense forest of oak and pine. At the distance of 8 km, the New Tehri town is located, which is only planned hill town of India and headquarter of Tehri Garhwal district. One of the largest dams of Asia, the Tehri Dam that has constructed across Bhagirathi River at old Tehri is 20 km from the University campus. Tehri Dam along with the 42 km lake (reservoir) is a great tourist attraction.



The nearest Airport is Jollygrant, which is 80 km from Badshahi Thaul campus. Rishikesh is nearest Railway station is about 65 km from the campus. Haridwar is more convenient and is about 90 km from this campus. The university campus is well connected by road with Rishikesh, Dehradun Mussoorie, Srinagar and Uttarkashi. Frequent bus services and private taxis are available from these places to Chamba and New Tehri. It takes about 3 hours to reach Badshahi Thaul by bus/taxi from Haridwar and Dehradun and about 2 hours from Rishikesh. The climate during the seminar will be pleasant however light woolen clothing might be required.

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## INTRODUCTION

CLIMATE CHANGE AND DISASTER influences the Natural resources, Bio-diversity, Monsoon, Earth processes, Socio-economic activities and development of the country. World ecology is very fragile and vulnerable to the disaster. Climate change is a change in the statistical distribution of weather pattern or variation in weather for long time. Nowadays climatic change refers specially to global warming and greenhouses gas effects. Climate change impact on rising sea level, melting ice, changing Eco-system, storms, typhoons, flood, ocean acidification etc. The higher frequencies of events such as cloudburst, landslides, flood, cyclones, Tsunami and earthquakes are considered as a signal of climatic change. Himalaya ecosystem such as snowy peaks, green flora, fauna, a vast reservoir of freshwater in the form of perennial rivers are under stress and posing a serious threat to mankind as these are depleting at an alarming rate. Disaster Risk Reduction (DRR) is the concept and practice of reducing disaster through systematic effort to analyze and reduce the causal factor of disaster. Wise management of land and environment, preparedness and early warning system for adverse condition can reduce human loss and property. D.R.R main aim to reduce damage caused by Natural disaster (earthquake, Tsunami, flood, cyclones and droughts.) and manmade disaster (construction of dam, bridge, Tunnel, road, buildings, deforestation and forest fire). India has been traditionally vulnerable to natural disasters because of its unique geo-climate. The 5th Global Platform for Disaster Risk Reduction specifically recommends integrated policies to achieve the SDGs (Sustainable Development Goals), the Paris Agreement commitments and the Sendai Framework targets. 26<sup>th</sup> October 2004 Tsunami in Sumatra Islands, Nepal earthquake on 25<sup>th</sup> April 2015, Haiti earthquake 2010, Mexico earthquake of 2017, Floods in China in 1998 and 2016, Cyclones in America, Hurricane Harvey and Hurricane Irma causes loss of life and property. Similarly, in India, Latur earthquake in 1993, Bhuj earthquake in 2001, Kashmir earthquake in 2005 and cyclone in Orissa 1999 have also caused heavy loss of life and property. In context of Uttarakhand, 1991 earthquake of Uttarkashi, 1999 Chamoli earthquake and Kedarnath tragedy of 2013 causes loss of life and property in Uttarakhand. For this purpose we introduced the forum and open conference, interactive discussion on climate change and disaster risk reduction and hope when we walkout from here we will have certain methodology, techniques and preparedness of disaster.

## THEMES OF THE CONFERENCE

- Climate change and observation on present climate
- Impact of climate change
- Climate monitoring and Early warning system
- Modelling of climate change
- Urban and Rural planning for Disaster risk reduction
- Natural and Anthropogenic Disaster.
- Disaster Risk reduction modeling
- Role of Higher education, NGO and Institutions in Disaster risk reduction
- Socio-Economic impact of Disaster
- Impact of Natural/Man-Made Radiations on human population

### Submission of abstract and paper

Theme based research papers are invited for oral and poster presentations. The abstract is limited to 300 words should be typed with 1.5 line spacing on A4 size paper, with 12 font in times new roman giving 2.5 cm margins on all side. The abstract may be email to the 'Convener, CCDRR-2018:

[npnaithani97@gmail.com](mailto:npnaithani97@gmail.com); and [srt.ccdrr2018@gmail.com](mailto:srt.ccdrr2018@gmail.com)

### Calendar of events

Submission of abstract	30 April 2018
Acceptance of Abstract	31 May 2018
Submission of paper and registration	31 July 2018

### Correspondence

Dr. N.P. Naithani

Convener,

Department of Geology, HNB Garhwal University

Badshahi Thaul Campus, Tehri Garhwal - 249199

Telephone 01376- 254136, mobile 09758045987

Email.: [npnaithani97@gmail.co](mailto:npnaithani97@gmail.co) & [srt.ccdrr2018@gmail.com](mailto:srt.ccdrr2018@gmail.com)

### Registration Fee

Faculty member Rs.2500/

Research Scholar Rs 1000/

Accompanying person Rs 800/

Registration fee is to be paid by bank draft in the favour of Convener, CCDRR, HNBGU Campus Badshahithaul Tehri, Payable at New Tehri.

### Financial Assistance and Accommodation

IInd class or IIIrd AC Train fare and accommodation will be provided only to Keynote and Invited speakers. TA may be provided to limited number of research students depending on the availability of the funds. For accommodation, the participants may contact directly to Hotel, Tehri Himalaya Residency, Baurari New Tehri, Uttarakhand

Email: [hotelthr80@gmail.com](mailto:hotelthr80@gmail.com);

Website; [www.tehrihimalayanresidency.in](http://www.tehrihimalayanresidency.in)



## Registration Form

### International Conference on Climate Change and Disaster Risk Reduction October 26-28, 2018

Name:.....

Designation:.....

Institute:.....

Mailing Address:.....

.....

Email ID:.....

Phone No.....

Attending the conference: ..... Yes/No

Title of Paper \_\_\_\_\_

\_\_\_\_\_

Accommodation Required ..... Yes/No

No. of accompanying person(s): .....

Place & Date

Signature

## Emergency Management Leaders Forum in Sidney, Australia



The emergency management challenge is monumental in Australia.

The emergency management sector in Australia is under increasing pressure in response to a number of emergent risks ranging from climate change to population growth and rising terrorism threats. As a result, the cost of cleaning up natural disasters is estimated to surge to \$40 billion by 2050. With an increasingly connected and technology enabled society, our world is becoming more reliant on virtual communities and services to obtain the information necessary to make critical decisions. It is within the context of these challenges that this forum will explore the future of emergency management leadership.

Akolade's inaugural [Emergency Management Leaders Forum](#) features high level national and international thought leaders from a range of industries who will share their best practice strategies for ensuring world class emergency service delivery. The conference will also provide delegates with robust understanding of key elements necessary for embedding strong leadership and resilience for effective preparedness and response.

### Attend this conference and learn how to:

- Strengthen leadership strategies and embed organisation-wide resilience for effective emergency management
- Leverage modern communications strategies including social media platforms to strengthen emergency response
- Harness existing and emerging technology to assist emergency management resource optimisation
- Drive the culture of innovation and positive change through effective leadership

### Featured speakers include:

- **Loretta Hieber Girardet**, *Chief Officer, Asia-Pacific, United Nations International Strategy for Disaster Reduction (UNISDR)*
- **Allison Pennisi**, *Director of Communications, NYC Emergency Management*
- **Dan Neely**, *Manager, Community Resilience, The Wellington Region Emergency Management Office (WREMO); Deputy Chief Resilience Officer, Wellington* 
- **Andrew Edwards**, *Managing Director, NSW SES Volunteer*
- **Jess Miller**, *Deputy Lord Mayor, City of Sydney*



Download the event brochure [here](#) with full programme.

TIEMS members receive an exclusive 10% discount off the current price! Quote VIP code: **PRFXTM**

Registrations are now open, contact Akolade on +612 9247 6000 or [registration@akolade.com.au](mailto:registration@akolade.com.au)  
Alternatively, visit the event website to [confirm your place here](#).

*\*The Emergency Management Leaders forum is supported by The International Emergency Management Society.*

## CONFERENCE DAY ONE: TUESDAY, 1<sup>ST</sup> MAY 2018

**8:00 Registration opens**

**9:00 Chairperson's welcoming remarks**



**Andrew Edwards**, Managing Director, NSW SES Volunteers Association

**9:10 Opening remarks**



**Jess Miller**, Deputy Lord Mayor, City of Sydney

### Exploring the regulatory landscape & key strategies for national collaboration

#### International Keynote

**9:25 Embedding resilience in all aspects of emergency management**

- Identifying the approach and determinants for building resilience strategies for emergency resource management
- Providing essential elements to ensure the successful practices of emergency response
- Harmonising the fields of emergency management and resilience thinking to generate new insights for best practices



**Loretta Hieber Girardet**, Chief Officer, Asia-Pacific, United Nations

**International Strategy for Disaster Reduction (UNISDR), Thailand** 



## Panel discussion

### 10:05 National collaboration to establish, streamline and implement best practices for emergency services in Australia

- Initiatives to streamline and unify the strategic plans for EM across Australia
- Drawing from each other's experiences to deal with the novel hazards
- Driving leadership collaboration nation-wide



Moderator: **Michael Eburn**, Associate Professor, ANU College of Law



**Nicole Hogan**, Assistant Commissioner, Director, Emergency Management, NSW State Emergency Service



**Iain MacKenzie**, Inspector-General, Emergency Management Queensland



**Georgeina Whelan**, Chief Officer, ACT State Emergency Service



**Andrew Coghlan**, National Manager, Emergency Services, Australian Red Cross

## 10:55 Morning refreshments

### Promoting resilience through leadership

## 11:25 Embedding whole-of-government and whole-of-community resilience in emergency management

- The shift of shared responsibility in emergency management
- Integration of emergency services, volunteers, business, community organisations and all levels of government to build resilience
- Utilising existing networks, establishing new partnerships and collaborating



**Kate Fitzgerald**, Director Relief & Recovery, **Emergency Management Victoria**

## 12:05 Case study

### Community disaster resilience techniques

- Developing a model and tools to measure community disaster resilience
- Foreseeing and acknowledging threats and risks
- Working with the emergency services and other agencies
- Having a sense-of-community and social capital
- Taking collective responsibility to reduce the socioeconomic impact of disruptive events, emergencies and disasters



**Wayne Preedy**, Manager, Emergency Management, **Townsville City Council**

## 12:45 Networking luncheon

### International Keynote

## 1:45 Enhancing community resilience to shocks and stresses: A regional approach in Wellington

- Reimagining the role of emergency managers as community development workers
- Ideas for engaging communities on their terms, not ours
- The growing importance of the Community Emergency Hub as a way to maintain interest, common self-organising point and link for the EOC



**Dan Neely**, Manager, Community Resilience, **WREMO**, Deputy Chief Resilience Officer, **Wellington, New Zealand** 

## Panel discussion

### 2:15 Resilience by design and lessons learnt

- Improving the urban capacity to respond to natural and man- made disasters
- Preparing cities to recover quickly
- Disaster-proofing of critical infrastructure: Energy, telecommunications and water systems



Moderator: **Dan Neely**, Manager, Community Resilience, **WREMO**, Deputy Chief Resilience Officer, **Wellington, New Zealand** 



**Mike Gillooly**, Chief Resilience Officer, **Christchurch City Council**, **New Zealand**



**Beck Dawson**, Chief Resilience Officer, **City of Sydney**

### 2:55 Afternoon refreshments

### Embedding world class communications strategies

## Keynote address

### 3:25 The role of women leadership in emergency management services

- What role does diversity play in emergency management?
- Improving service delivery and innovation via diversity in thinking and perspectives
- Leadership roles that better reflect the communities we serve



**Georgeina Whelan, Chief Officer, ACT State Emergency Service**

## Panel discussion

### 3:55 Best practices in crises communications in the connected world

- Preparing a comprehensive crisis communications plan:
  - description of communication-specific roles and responsibilities
  - communications policies,
  - a list of stakeholder groups
  - message templates
- Managing information provided by the public online and responding to disinformation
- Coordinating the message on the disaster management steps across emergency services agencies



Moderator: **Amisha Mehta, Associate Professor QUT Business School**



**Matt Dorfstaetter, Director, Strategic Platforms & Systems, Queensland Fire and Emergency Services (QFES)**





**Stewart Condon, President, Médecins sans Frontières Australia**



**Allison Pennisi, Director of Communications, NYC Emergency Management**



**4:45 Closing remarks from the Chair and**

## **CONFERENCE DAY TWO: WEDNESDAY, 2<sup>ND</sup> MAY 2018**

**8:00 Registration opens**

**9:00 Chairperson's opening remarks**



**Craig Sheridan, Former Superintendent, Commander, State Planning Unit, NSW Police Force**

**Applying emerging technology**

**International keynote**

### **9:10 Contemporary emergency communications methods for effective emergency management**

- Effectively leveraging social media in public information strategies:
  - use of social media in communication (both blue-sky times and crises) by all levels of government
  - a framework for fundamental strategy, guidelines and standards
  - principles and practices for the use of social media in crisis communication
- Establishing a social media staff coordinator's role within emergency management organisations



**Allison Pennisi**, Director of Communications, NYC Emergency

**Management** 

#### **9:40 Big Data in emergency management**

- Data analytics and its role in decision making in disaster response
- How can large amounts of data be used to predict the risk and impact of disasters?
- How can analysing big data contribute to better understanding past emergency events to build up community resilience?



**Andrew Edwards**, Managing Director, NSW SES Volunteers Association

#### **10:10 Morning refreshments**

#### **10:40 Driving digital transformation through effective leadership**

- A cultural change management challenge
- Integration of digital technologies and practices to improve efficiency, enhance stakeholder value, and facilitate risk management
- Exploring key challenges and opportunities of a contemporary disaster management organisation - transitioning to a 21<sup>st</sup> century, digitally enabled enterprise
- Empowerment of the workforce, innovation and design-thinking approaches to ensure an inclusive path towards digital transformation



**Matt Dorfstaetter**, Director, Strategic Platforms & Systems, **Queensland Fire and Emergency Services (QFES)**

## 11:10 Presentation

### Preparedness to respond to a major terrorist incident: The AFP perspective



**Christopher Sheehan**, Commander, State Manager NSW, **Australian Federal Police**

## 11:40 Case study

### Achieving disaster resilience through integrated approach of shared responsibility between the Government and community

- Defining risks and addressing the fundamental question for community partnership
- Understanding planning and programming: a simple model for conceptualising planning for disaster risk reduction
- Tasmania's example: How do we generate a shared capability through risk based planning and programming



**Darryl Glover**, Former Project Manager, Tasmania Emergency Municipal Risk Assessment Project (TEMRAP), **TAS State Emergency Service**

## 12:10 Networking luncheon

### Optimising the emergency services workforce

## 1:10 Presentation

### Decision making in high risk situations – a blueprint for emergency services personnel

- The contrast in intuitive decision making (fast thinking) and deep cognitive decision making (slow thinking)
- Intuitive thinking: How to avoid relying on simplistic, instinctive process in unpredictable situations
- When can you trust expert intuition and when may your 'gut feeling' be misleading you?



**Alan Clarke, Former Commander, New South Wales Police Force**

### **1:40 Perfecting partnerships - Community led recovery builds community resilience following a disaster or emergency**

- Effective partnerships across all areas of society are critical to enhancing disaster resilience
- Presenting an award-winning model which uses the interconnectedness between multiple Disaster and Emergency Management agencies to improve disaster resilience
- Managing the donation flow throughout the lifecycle of recovery



**Juliette Wright, Chief Executive Officer, GIVIT**

### **Panel discussion**

### **2:10 Community participation in emergency planning**

- Addressing the need to engage communities as core partners in risk-related decision-making processes
- Providing guidance available to practitioners about how best to involve communities in risk reduction processes
- Investigating and evaluating methods to involve communities in emergency



**Paul Lloyd, Regional Emergency Management Officer, NSW Police Force**





**Anna Hebron**, Manager, Disaster Management Office, **Brisbane City Council**



**Darren Klemm**, Commissioner, **Department of Fire and Emergency Services**, Western Australia



**Miriam Lumb**, Manager, Disaster Resilience, **South Australian Fire and Emergency Services Commission (SAFECOM)**



**David Parsons**, Senior Fellow Joint Centre for Disaster Research, **Massey University**

**2:50 Afternoon refreshments**

**Panel discussion**

**3:20 Strategies to optimise your workforce optimisation: Harnessing tech and beyond**

- Developing a solid workforce system
- Innovative tech solutions to increase the efficiency of managing emergency management staff

- Maximising the efficiency of the workforce by identifying the schedule required to meet the demands of activation levels



Moderator: **Andrew Edwards**, Managing Director, **NSW SES Volunteers Association**



**Rebel Talbert**, Assistant Commissioner, Director Regional Services, **NSW Rural Fire Service**



**Mark Cattell**, Assistant Chief Officer (Acting), **VIC State Emergency Service**

#### **4:00 Embedding high mental health management standards for first responders**

- How to reduce the stigma associated with mental health conditions, attempted suicide and suicide among police and emergency service workers
- The interplay of physical, psychological, organisational and community health in first responder agencies
- How first responder agencies can promote, protect and restore health of their organisations



**Katrina Sanders**, Chief Medical Officer, People, Safety & Security, **Australian Federal Police**

#### **4:30 Closing remarks from the Chair and end of conference**

## POST CONFERENCE WORKSHOPS, THURSDAY 3<sup>RD</sup> MAY 2018

### 9:00AM – 12:00PM | WORKSHOP A

#### **Building mental health resilience for emergency services personnel**

Most of those working in ambulance, fire and rescue, police and state emergency services (SES) manage the demands of the job extremely well despite the high pressure and stakes at work. A culture of camaraderie and loyalty can protect the mental health of personnel and contribute to their wellbeing. However, research indicates police and emergency services personnel may be at greater risk of experiencing anxiety, depression, post-traumatic stress disorder, and dying by suicide.

Investing in mental health makes good business and operational sense. Organisations with a positive approach to mental health and safety have increased productivity, improved worker engagement and are better able to recruit and retain talented people. They also have reduced absenteeism, risk of conflict, grievances, turnover, disability injury rates and performance or morale problems.



**Katrina Sanders**, Chief Medical Officer, People, Safety & Security, **Australian Federal Police**

### 12:00PM – 1:00PM | Networking luncheon

### 1:00PM – 4:00PM | WORKSHOP B

#### **Establishing a culture of leadership in your organisation**

This workshop will provide you with an understanding of what true leadership culture in emergency management organisations means and what strategies future leaders should adopt in order to drive cultural change and innovation.

While traditionally the emergency management service industry adheres to orthodox methods and strategies for leadership and bringing in change even when necessary is a complex process, we need to consider external and internal drivers for change in the industry for effective strategic leadership.



**Bruce Pepperell**, Former Regional Manager, Group Controller, **The Wellington Region Emergency Management Office (WREMO), New Zealand** 

## NEXT TIEMS NEWSLETTER

The next TIEMS Newsletter is planned for June 2018

TIEMS issues its electronic newsletter quarterly, and it is distributed to more than 160 000 experts worldwide, with articles on global emergency and disaster management events and activities, TIEMS news, etc.

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Issue no. 33 is planned for June and contributions are welcome. Please, contact one of the editors or TIEMS Secretariat if you have news, an article of interest or like to list coming events of interest for the global emergency and disaster community or like to advertise in this issue.

