

**TIEMS**

The International Emergency Management Society



# TIEMS INTERNATIONAL CERTIFICATION - TQC

**TQC = TIEMS Qualifications Certification  
In International Emergency and Disaster Management**



30.05.2020

## SUMMARY

The International Emergency Management Society (TIEMS), believes that education, training, and international certification in emergency management and disaster response is the key to improved resilience worldwide. TIEMS has therefore launched a comprehensive international education, training, and certification program, under the motto: “Preparedness Saves Lives!”. This Document describes the “TIEMS International Certification - TQC” concept and methodology. The Document is supported by a “TQC Candidate Study and Evaluation Guide” with the purpose of familiarizing the TQC Applicant with the TQC evaluation process, and references for preparing for TQC Examination.



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**TQC = TIEMS Qualifications Certification**  
*In International Emergency and Disaster Management*

DESCRIPTION 30.05.2020

## CONTENTS

Background.....	3
Motivation .....	3
What is TIEMS International Certification - TQC? .....	3
Why Another Certification Scheme? .....	3
Why is this essential?.....	4
TQC vs. IAEM AEM/CEM vs. EMPS .....	4
TQC Competence Focus.....	5
TQC Application and Certification.....	6
TIEMS International Certification Board Policies.....	6
TIEMS International Certification Concept .....	6
TIEMS International Certification Process.....	7
TIEMS International Certification - TQC, Compliance and Examination .....	9
TIEMS International Certification - TQC Examination .....	12
On-line Proctoring of the TQC Examination .....	12
TQC Certification Organization and Operations .....	13
TQC Certification Board .....	13
TQC Compliance Board .....	13
TQC Examination Board.....	14
TIEMS Academy Board.....	14
TQC Test Candidates .....	15
TQC Application form .....	16
TQC Web Platform .....	17
TQC Cost Policy .....	18
How Does TIEMS Collect and use Personal Data .....	18

## Background

### Motivation

TIEMS - The International Emergency Management Society, believes that education, training, and international certification in emergency management and disaster response is the key to improved resilience worldwide and TIEMS has therefore launched a comprehensive international education, training, and certification program, under the motto:

***Preparedness Saves Lives!***

The core of the TIEMS Education initiative is TIEMS International Certification - TQC, which certifies Qualifications in International Emergency and Disaster Management. This TQC Description document is supported by a separate document, “TQC Candidate Study and Evaluation Guide”, which familiarizes the TQC Applicant with the TQC evaluation process by describing documentation they must provide to demonstrate compliance with TQC background, education, experience, and competence requirements, as well as the topics covered by the TQC Examination.

### What is TIEMS International Certification - TQC?

TIEMS International Certification - TQC, is a “*Certification of Qualifications in International Emergency and Disaster Management* for individual emergency managers with a nationally recognized professional certification for individual emergency managers, or other individuals with documented competence and experience, practical or academic, in international emergency and disaster management. TIEMS’s long-term goal is to become an international certification body officially accredited by a recognized accreditation entity. The short- and medium-term goal is to set up the certification procedure, to implement the supporting certification web platform, to gain experience with and incrementally improve the procedure, and to attain worldwide recognition.

### Why Another Certification Scheme?

Although there are several qualification and certification schemes for individual emergency managers worldwide, they mainly focus on specific countries' requirements rather than having an international focus.

***TIEMS International Certification - TQC assumes, that “the Applicant is already certified at national level, or he/she has competences and experience recognized at national or international level”.***

***TQC only certifies knowledge and competencies about international standards, requirements, and best practices, necessary to create “an international common understanding” among those working with emergency and disaster management internationally.***

An internationally focused certification will share international standards to: (1) promote global competence in emergency management; (2) share best practices; (3) support international collaboration; and (4) support the establishment of a common international understanding among those working with emergency and disaster management. The importance of international certification is recognized worldwide.

## Why is this essential?

Major natural and man-made disasters often extend beyond the borders of a single country. A country hit by a disaster can launch an appeal to the international community for help when the country is unable to properly handle the disaster situation.

***TIEMS International Certification - TQC can act as the facilitator element in the cooperation's efforts between countries and organizations using a common language and a common knowledge and understanding.***

Cooperation is also essential to prevention, and the exchange of good practices in prevention and preparedness is the backbone of such cooperation.

## TQC vs. IAEM AEM/CEM vs. EMPS

TIEMS is aware of only two consolidated and professionally accepted Certification Programs worldwide.

***IAEM AEM/CEM.*** *The International Association of Emergency Managers (“IAEM”) created and administers the Associate Emergency Manager (AEM®) and Certified Emergency Manager (CEM®) certification programs. The AEM® and CEM® certification programs are internationally recognized and certify that the practicing AEM® or CEM® professional has satisfied the education as applicable for the designation requirement, necessary training and experiential program requirements and passed the examination administered by IAEM as a condition of achieving the applicable certification (<https://www.iaem.org/certification/intro> ).*

*TIEMS’s understanding is that IAEM AEM/CEM is primarily focused on promoting excellence in local emergency management, and not designed to create a common language and a common understanding among those working with emergency and disaster management internationally, which is the goal of TQC.*

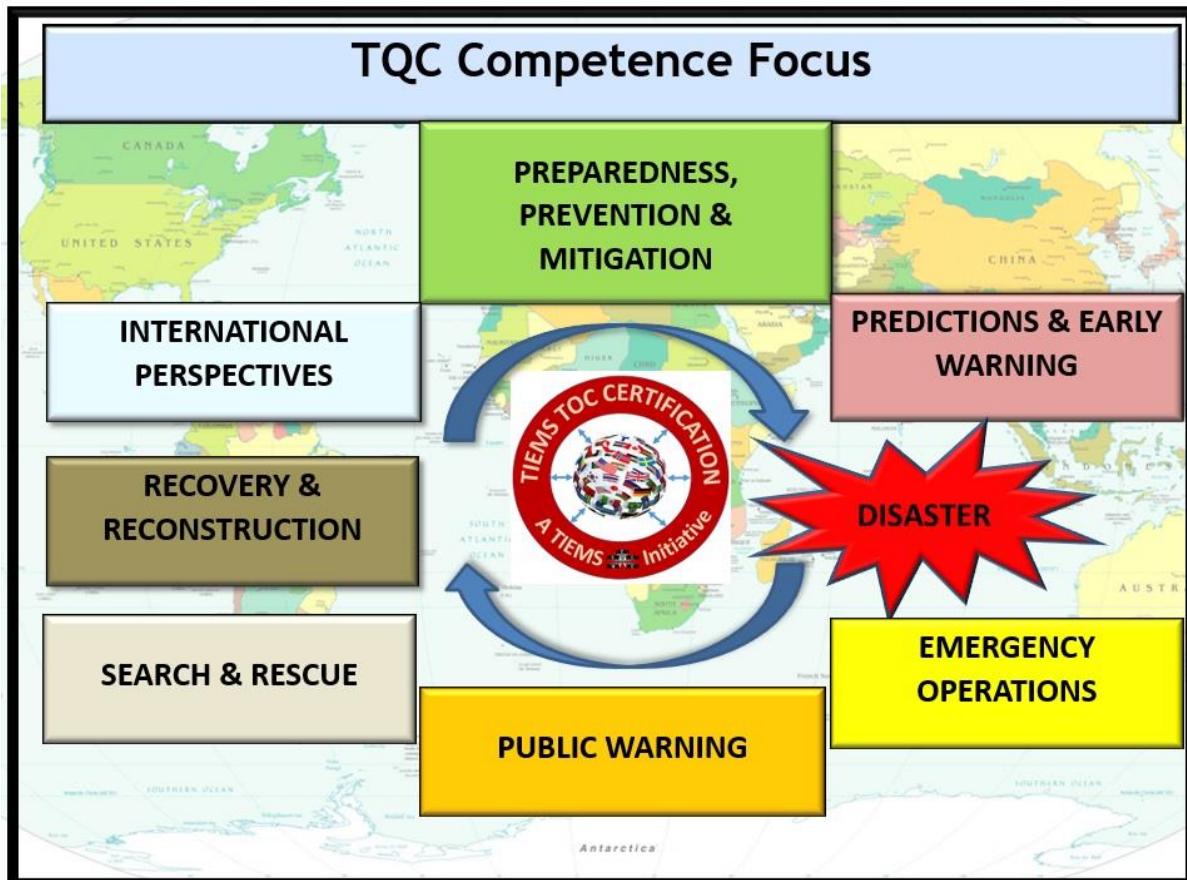
***EMPS.*** *The Emergency Management Professionalization Scheme (EMPS) exists to advance the cause of professionalization in the practice of emergency management in Australia and New Zealand (<https://www.emps.org.au/about-us>).*

*EMPS is supported by AFAC, the National Council for fire and emergency services (<https://www.afac.com.au>). As such, the professional standards used by the scheme are approved by AFAC and represent a national consensus on the training and experience that emergency management practitioners should demonstrate in order to be considered proficient (at registered level) or expert (at certified level) in their roles.*

*TIEMS’s understanding is that EMPS has limitations such as: “..... Certification is available for a select number of emergency management roles which carry the highest levels of impact and consequence. .....” or “..... If you are considering making an application, you should check with your organisation whether it will support you. Applicants for certification are responsible for compiling their own portfolio of supporting evidence (or obtaining permission to use a portfolio that has previously been used for an internal credential process) but will need the written endorsement of their organisation to proceed with the certification process. ....”. TQC does not have the same limitations.*

## TQC Competence Focus

The scope of International Emergency and Disaster Management (IEDM) is as wide as the globe is round. TIEMS encourages TQC candidates to gain exposure to the many aspects that comprise the field. For the TQC certification process, TIEMS has focused on seven competence areas in international emergency and disaster management as shown in the figure below.



This TQC Competence Focus was informed by a TIEMS survey, which asked international emergency management and disaster response community experts to give their opinion on the content and structure of TQC Certification. The report with the conclusions of this survey is found at the following link: <https://www.tiems.info/images/pdfs/TIEMS-2018-TQC-Curriculum-development-ver5.pdf>

## TQC Application and Certification

TIEMS International Certification is a voluntary process. First, an individual's qualifications are evaluated against standards of background, experience, and competence. Qualified individuals are then eligible to take the TQC exam and become TQC certified based on the results of the exam. TQC certification is time-limited to 3 years. To retain the credential, participants need to maintain TQC qualification standards and be periodically re-evaluated.

### TIEMS International Certification Board Policies

To initiate the TQC certification process the Applicant fills in and submits a TQC Application Form available from the TIEMS web site. The Application will be evaluated and the TQC Applicant, if compliant with the TQC background, experience, and competence requirements, will get a "green light" to continue the certification process and take the TQC examination. If, however, the TQC Applicant has not fulfilled the compliance requirements, as described in the section "TIEMS International Certification - TQC, Compliance and Examination" below, he/she will be notified accordingly. However, the TQC is fundamentally a developmental process, and TIEMS and the TQC organization will do their utmost to help the applicant overcome any shortcomings in the TQC evaluation results. Participatory engagement between TIEMS and the TQC applicants will be facilitated wherever possible, e.g., through TIEMS education and training.

The TQC Certification examination will be on-line, computer-based via the TQC web Platform. The exam will be proctored through on-line proctoring software. The Applicant will be required to present a valid form of identification before he/she can take the exam, e.g., a valid passport. The applicant will not be allowed to take the examination if they fail to provide appropriate identification.

When the TQC certification period (3 years) has come to an end, the TQC certified person will be notified by the TIEMS TQC Certification Board and reminded that a re-certification is necessary for maintaining his/her TQC certification. He/she will be asked to submit a TQC Re-Certification Form, with information on experience and education/training he/she has performed in the 3 years as TQC certified. This will be evaluated and added to the record of the TQC certified person, and in most cases this will result in satisfactory re-certification, as long as the TQC certified person has been engaged in practical or academic work in the emergency and disaster management field during the 3 year period. If activities during the last three years is not found satisfactory, a re-certification exam will be required. This exam is a simpler version of the TQC certification exam.

The TQC Candidate must be a TIEMS Member (as defined in the TIEMS membership plans (<https://www.tiems.info/index.php/membership/become-a-member>)) to apply for TQC Certification and to maintain his/her TQC Certification. After TQC certification the candidate membership will be a TIEMS Professional Certified Member.

### TIEMS International Certification Concept

Figure 1 shows how the TQC Certification Board, TQC Compliance Board, and TQC Examination Board interact with applicants during the TQC application process. This process is described step-by-step in the TIEMS International Certification Process subsection below. The organization of these TQC Boards is described in Section 3.

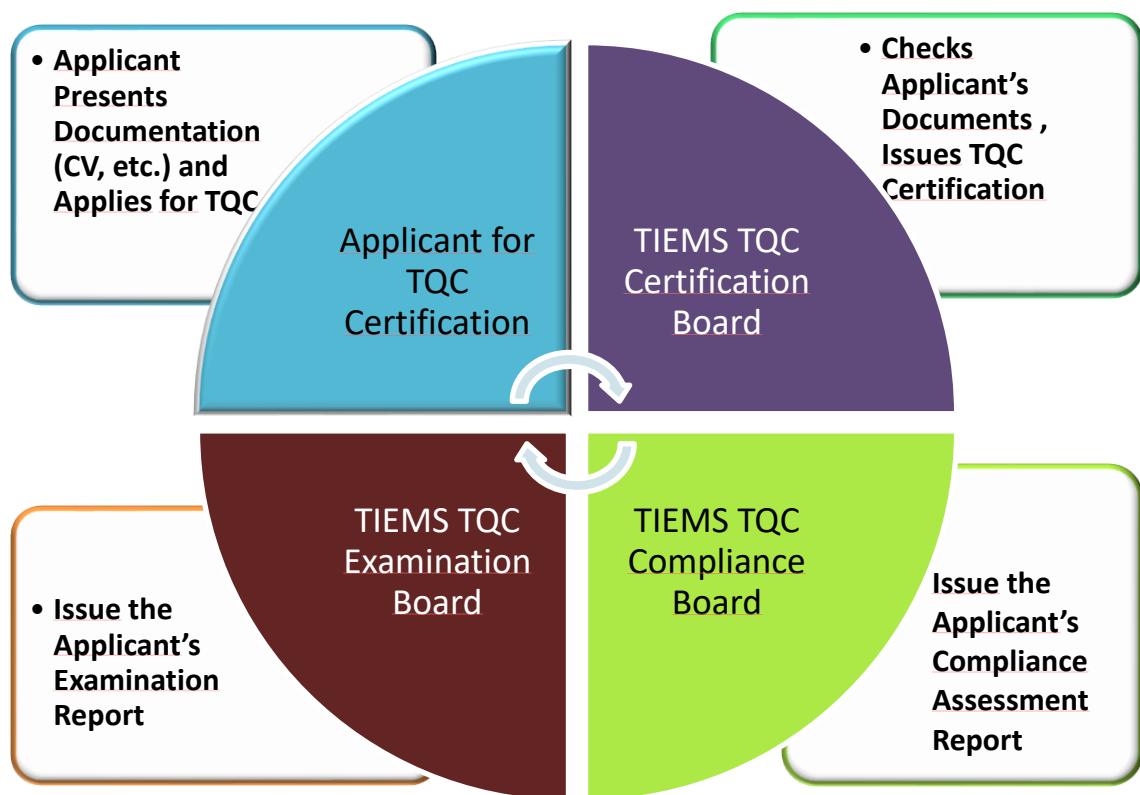


Figure 1: TQC Certification Concept

## TIEMS International Certification Process

The full TQC Certification Procedure is described for potential Applicants on the TIEMS website, <https://www.tiems.info/index.php/education>, which has a link to the TQC Web Platform.

This general information, which will be updated from time to time by the TQC Certification Board, is not Applicant specific.

To start the process for applying for TIEMS International Certification - TQC, the Applicant needs to answer the questions in the TQC Application Form, which can be reached by [CLICKING HERE](#)

The Applicant will receive a unique Password and Username sent to his/her e-mail address, for logging in to the TQC WEB Platform and continuing his/her application process.

The Applicant can log in to TIEMS TQC WEB Platform by [CLICKING HERE](#)

The TQC process is organized in 8 steps as shown in Figure 2. The process steps are described below the figure.

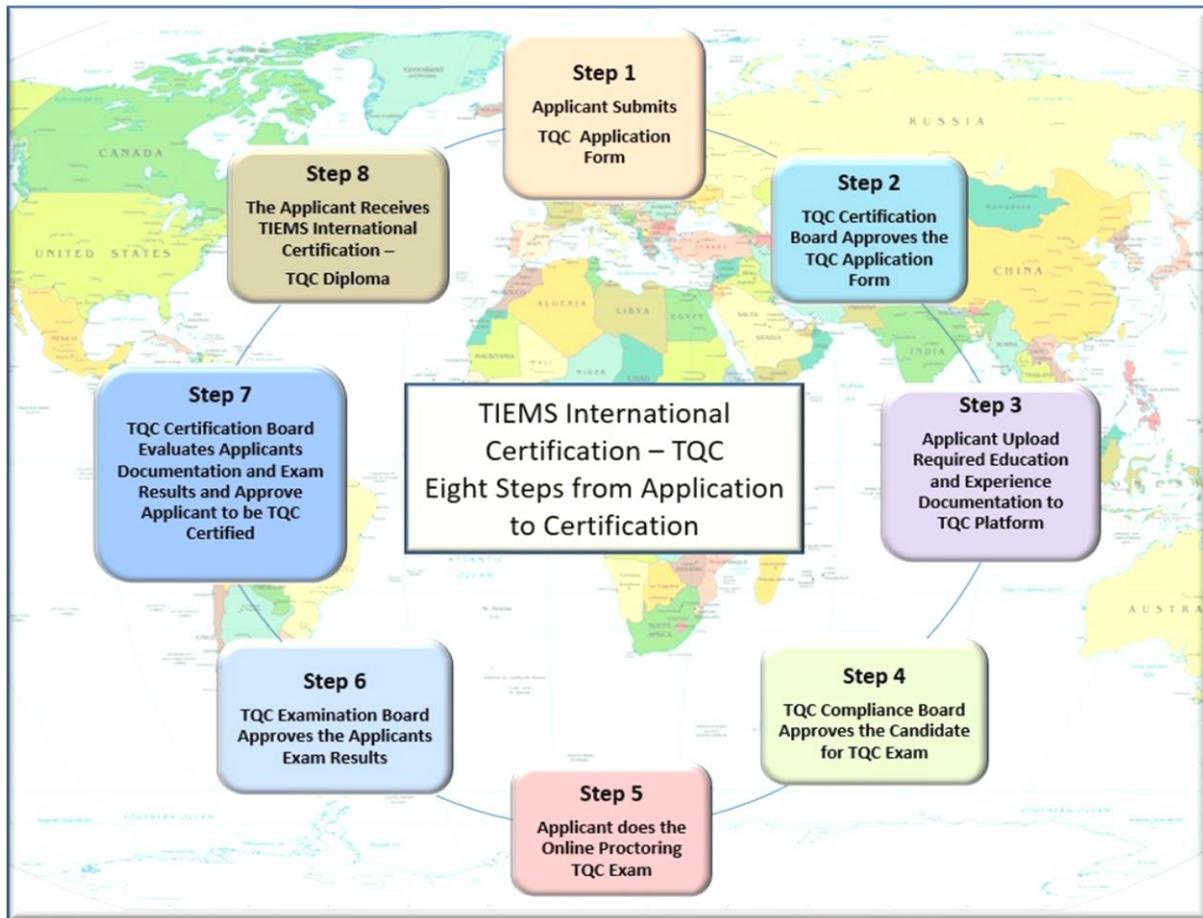


Figure 2: TQC Process

#### STEP 1, 2 & 3:

A TQC Applicant who decides to apply for Certification interacts with TQC Certification Board to communicate interest in TQC Certification by filling out the TQC Application Form and if accepted gets a “username” and a “password” for access to the TQC Web Platform. He/she will then be able to upload all the required documentation to his/her *myTQCspace* in the TQC web-platform.

#### STEP 4:

The TQC Compliance Board assesses all Applicant documentation and follows the Compliance Process to verify that it is compliant. At the end of STEP 4, the TQC Compliance Board releases and archives the documentation submitted by the Applicant. The TQC Compliance Board completes its review and issues the TQC Compliance Report.

#### STEP 5 & 6:

The TQC Examination Board assesses all Applicant documentation and works with the Applicant to set up and administer the on-line proctored exam. At the end of STEP 6, the TQC Examination Board releases and archives documentation of its interaction with the Applicant and issues a TQC Examination Report.

#### STEP 7 & 8:

The TQC Certification Board assesses all Applicant documentation, Compliance Report documentation, and Examination Report documentation, and decides whether to award TQC

Certification to the Applicant. At the end of STEP 8, the TQC Certification Board releases and archives documentation of the Applicant activity. The TQC Certification Board completes its activity by issuing the TQC Certification Report.

The TQC Certification Board informs the Applicant about TQC application and examination results, and either awards the TIEMS International Certification - TQC or advises the Applicant that he/she failed to pass the TQC examination, and that he/she can reapply for TQC certification at a later stage, having improved his/her skills required by the TQC evaluation process. The figure below shows the TQC Certificate Diploma as a proof that the Applicant has been awarded TIEMS International Certification - TQC.



Figure 3: TQC Certificate Diploma

In the case of re-certification, the TQC Certification Board will mostly be involved in asking the TQC certified person to submit the **Re-Certification Form**, if he/she intends to maintain his/her certification. The TQC Certification Board evaluates the TQC certified person's experience and education/training during the 3 years TQC certification period, and issues a re-certification certificate, or asks the candidate to take the re-certification exam. In the latter case, the evaluation will follow a similar, but simpler, procedure than new TQC certification.

## TIEMS International Certification - TQC, Compliance and Examination

After the TQC candidate's application has been accepted, the candidate will be asked to provide documentation and take an examination as part of a three-step evaluation process.

1. The candidate must submit documentation showing evidence of their *education*, *participation*, and *contribution* in emergency and disaster management. The requirements for this documentation are described below.
2. The candidate must prepare for evaluation a *Competency Area Summary* which will demonstrate, by reference to education or experience, testimonial letter, or study paper, competence in seven areas of international emergency and disaster management:
  1. International Perspectives
  2. Preparedness, Prevention, and Mitigation
  3. Predictions and Early Warning
  4. Emergency Operations
  5. Public Warning
  6. Search and Rescue
  7. Recovery and Reconstruction.
3. The candidate must take an online, proctored, examination with questions taken from specific references covering four important and illustrative areas in international emergency and disaster management:
  1. The European Emergency Response Coordination Centre (ERCC)
  2. The SENDAI Framework for Disaster Risk Reduction
  3. ISO standards in emergency and risk management
  4. INSARAG preparedness and response guidelines and methodology.

## TQC Education and Experience Background Documentation

<p><b>Background and Experience Requirements</b></p> <ul style="list-style-type: none"> <li>■ <b>Education</b> – one or more of the following:           <ul style="list-style-type: none"> <li>○ Bachelor's degree in science, engineering, social science or emergency/disaster management specialty (International Standard Classification of Education Level 6, e.g. a bachelor's degree from a reputable university)</li> <li>○ 50 hours of emergency/disaster management training in the last 5 years</li> <li>○ A certification related to emergency/disaster management at the national level</li> <li>○ One or more courses provided by TIEMS Academy</li> </ul> </li> <li>■ <b>Participation</b> – 3 years' experience as a first responder, volunteer, educator, leader, or other activity, practical or academic, directly involved with emergency/disaster management, in the last 6 years.</li> <li>■ <b>Contribution</b> – one or more of the following:           <ul style="list-style-type: none"> <li>○ At least 5 publications or speaking engagements in emergency/disaster management</li> <li>○ Participation as leader or board member of an organization that participates in emergency/disaster management</li> <li>○ Teaching emergency/disaster management</li> </ul> </li> <li>■ <b>The Applicant is encouraged to identify international aspects in any of the above</b></li> </ul>
<p><b>Applicants will be required to provide the following documentation</b></p> <ul style="list-style-type: none"> <li>■ Copies of educational degrees, certificates, and/or transcripts</li> <li>■ Copies of courses diploma provided by TIEMS Academy or any teaching institution</li> <li>■ A CV including professional or volunteer experience applicable to TQC, together with websites, personal references, or other information that can verify applicant participation. The CV shall be produced in Europass EU Format, so please, use the following link: <a href="https://europass.cedefop.europa.eu/">https://europass.cedefop.europa.eu/</a>. Download the resulting pdf file, which later shall be uploaded to the TQC Web Platform</li> <li>■ Copies of applicable certifications in emergency/disaster management</li> <li>■ A summary of emergency/disaster management contributions including publications, presentations, courses taught, board or leadership roles</li> <li>■ Two professional references who can verify applicant contributions</li> <li>■ Any additional documentation needed to show the candidate meets the background and experience requirements shown above</li> </ul>

## TQC Competence Area Summary

The Candidate need to prepare and submit a ***Competence Area Summary***, to demonstrate competence in each of seven TQC Competence Areas in international emergency and disaster management listed above. Candidates are not expected to be experts in all these areas, but instead to be able to demonstrate a minimum understanding of each area. Below table shows the ***Competence Compliance Guidelines***.

Competence Area		Content	Practice
1.	International Perspectives	<ul style="list-style-type: none"> <li># United Nations role in EDM</li> <li># World Bank role in EDM</li> <li># Information technology supporting international sharing of information and best practices</li> </ul>	<ul style="list-style-type: none"> <li># Analysis of or participation in international emergencies/disasters</li> <li># Application of Sendai Framework to concrete situation</li> <li># Application of ethical and legal principles to emergency/disaster</li> <li># Use of websites and other digital tools to support international collaboration or comparative analysis</li> </ul>
2.	Preparedness, Prevention, and Mitigation	<ul style="list-style-type: none"> <li># Risk Management theory and practice</li> <li># Principles of disaster resilience</li> <li># Community participation in EDM (e.g., CERT)</li> <li># Principles of business continuity management</li> <li># Web and software tools supporting risk and resilience management</li> </ul>	<ul style="list-style-type: none"> <li># Application of concepts of resilience, risk management, and capacity building to emergency management phases</li> <li># Analysis of impacts of terrorism or participate in terrorist situation</li> <li># Application of business continuity planning principles or participation</li> <li># Use or analysis of software or online models for risk and resilience management</li> </ul>
3.	Predictions and Early Warning	<ul style="list-style-type: none"> <li># Impacts of climate change</li> <li># Impacts of cyber-attacks</li> <li># Early warning systems</li> <li># Information technology to support predictions and early warning</li> </ul>	<ul style="list-style-type: none"> <li># Analysis or participation in specific early warning situations</li> <li># Analysis or participation in public communication/education</li> <li># Analysis of or participation in use of simulation for preparedness</li> <li># Analysis of or participation in cyber security operations</li> <li># Use or analysis of digital tools to support predictions and early warning</li> </ul>
4.	Emergency Operations	<ul style="list-style-type: none"> <li># Emergency Command, Control, and Communications</li> <li># In-depth knowledge of a specific element of emergency operations</li> <li># Information technologies to support emergency operations</li> </ul>	<ul style="list-style-type: none"> <li># Analysis of or experience in an emergency operations scenario</li> <li># Analysis of or experience with specific technical tools in emergency operations</li> </ul>
5.	Public Warning	<ul style="list-style-type: none"> <li># Types of public warning systems and operations</li> <li># Use of social media in EDM</li> </ul>	<ul style="list-style-type: none"> <li># Analysis of or experience in public warning in a specific emergency</li> <li># Analysis of or experience in the use of social media during an emergency</li> </ul>
6.	Search and Rescue	<ul style="list-style-type: none"> <li># Modern technologies supporting SAR</li> </ul>	<ul style="list-style-type: none"> <li># Analysis of or experience in an incident of international SAR coordination</li> <li># Analysis of or experience with modern technologies in SAR</li> </ul>
7.	Recovery and Reconstruction	<ul style="list-style-type: none"> <li># International participation in Recovery and Reconstruction</li> <li># Information technologies supporting recovery and reconstruction</li> </ul>	<ul style="list-style-type: none"> <li># Analysis of or participation in an example of international recovery and reconstruction</li> <li># Analysis or use of computer models to support recovery and reconstruction</li> </ul>

If a Candidate has not acquired a specific competence, they have the option of acquiring it through study, and demonstrating it through a research report submitted as part of their Competence Area Summary. Details of TQC Compliance Requirements are found in "***TQC Candidate Study and Examination Guide***", which the Candidate gets access to when logged into the TQC Web Platform.

## TIEMS International Certification - TQC Examination

The exam covers the TQC Examination Competency Framework on “International perspectives, standards, and best practices” as shown in below figure. The exam consists of 10 essay and 50 multiple-choice questions. Example questions are presented in the “*TQC Candidate Study and Evaluation Guide*”.

### On-line Proctoring of the TQC Examination

In order for the TQC candidates to take the TQC exam wherever they are worldwide, TIEMS has implemented on-line proctoring of the TQC candidates during their examination by using the ProctorFree solution. ProctorFree is an on-demand, automated proctoring solution designed to help institutions of higher learning and commercial organizations add layers of security and academic integrity to the online learning environment experience. ProctorFree provides an accurate identification and authentication of the TQC exam candidate. This proctoring solution is scalable, user-friendly, and cost-effective. For more information about ProctorFree please visit [www.proctorfree.com](http://www.proctorfree.com).

### Examination Criteria

- The exam questions will focus on emergency management principles and practices reflected in the Examination Competence Framework and background knowledge reflected in the publications listed in the “*TQC Candidate Study and Evaluation Guide*”.
- The exam will consist of 50 multiple choice questions and 10 essay questions. Each multiple-choice question will have four possible responses. The examinee must choose the best answer. For the essay question the examinee answers with a free text of minimum 100 words.
- The exam must be completed in no more than 4 - four hours. To “pass”, the examinee must score **67%** or better on the multiple-choice questions and **67%** or better on the essay questions.

TQC EXAMINATION COMPETENCE FRAMEWORK		
Tested International Perspectives Standards and Best Practices	The Applicant is able to:	Exam References
The European Emergency Response Coordination Centre (ERCC)	<ul style="list-style-type: none"><li>▪ Identify and distinguish roles and missions of important international organisations</li><li>▪ Analyse and comment specific aspects of international organisations' roles in disaster management</li><li>▪ Analyse and put into relations various CP organisations regarding their operations and territorial coverage</li></ul>	<a href="#">International Cooperation Link</a>
SENDAI Framework for Disaster Risk Reduction	<ul style="list-style-type: none"><li>▪ Analyse and put into relations various aspects of the Framework</li><li>▪ Apply Framework's principles in concrete situations</li></ul>	<a href="#">SENDAI Framework Link</a>
ISO International Standards	<ul style="list-style-type: none"><li>▪ Apply ISO standards on Emergency Management and Risk Management</li></ul>	ISO 31000:2018 Risk Management <a href="#">ISO 31000 2018 Link</a> ISO 22320:2018 Societal security Emergency management Requirements for incident response <a href="#">ISO 22320 2018 Link</a>
INSARAG Preparedness Response Guidelines and Methodology	<ul style="list-style-type: none"><li>▪ To provide guidance for the preparation and deployment of USAR teams in international disaster response operations</li></ul>	<a href="#">INSARAG Preparedness Link</a>

# TQC Certification Organization and Operations

The TQC Certification organization is part of the overall TIEMS organization, and comprises three TQC Boards, as represented in Figure 1, *TQC Certification Board*, *TQC Compliance Board* and *TQC Examination Board*. These are supported by one more Board, the *TIEMS Academy Board*, that supports TQC by providing access to TQC teaching material. All four boards are described in the following. TIEMS is working on designing *TIEMS Academy* courses to assist candidates in preparing for TQC Certification and in their further professional development.

## TQC Certification Board

The TQC Certification Board has overall responsibility for the TQC process and awarding the successful Candidates with the TQC Certificate Diploma. The TQC Certification Board Chair will sign the Certificate awarded to the Candidates together with the Chair of TIEMS Examination Board.

The TQC Certification board is composed of:

- Chair of TQC Certification Board
  - ✓ TIEMS President (Present: K. Harald Drager)
- Permanent Members of TQC Certification Board (voting members):
  - ✓ Chair of TQC Compliance Board (Present: Tom Robertson)
  - ✓ Chair of TQC Examination Board (Present: Sandro Bologna)
  - ✓ Chair of TIEMS Academy Board (Present: Snježana Knežić)
  - ✓ Co-Chair of TIEMS Academy Board (Present: Roman Tandlich)
- TIEMS Advisory Board Members of TQC Certification Board (non-voting members)
  - ✓ Presidents of TIEMS Chapters
- External Advisory Board Members by Invitation (non-voting members)
  - ✓ Invited by decision of the TQC Certification Board

## TQC Compliance Board

The TQC Compliance Board has the following responsibilities:

- Establish the criteria a TQC Applicant should satisfy to be eligible to take the TQC certification exam
- Identify the information and documents TQC Applicants should submit to the Compliance Board to begin the TQC process
- Assess TQC candidates' submitted information and documents and make one of the following determinations
  - ✓ The Applicant is eligible to take the TQC exam
  - ✓ The Applicant does not appear to be eligible to continue the TQC process
  - ✓ Deficiencies are identified, and the candidate may submit additional information or reapply later
- Issue a TQC Compliance Report to the Examination Board

Generally, the requirements for knowledge, participation, contribution, and competence can be satisfied in various alternative ways. It will be up to the TQC Compliance Board to

decide if the applicant has demonstrated that they have met the qualifications, using the TIEMS TQC Boards Procedures. The TQC Compliance Board will provide feedback to the applicant to help them correct deficiencies, where possible.

TQC Compliance Board is composed of:

- Chair of TQC Compliance Board:
  - ✓ Appointed by TIEMS Board (Present: Thomas Robertson)
- Permanent Members of TQC Compliance Board (voting members):
  - ✓ Chair of TQC Examination Board (Present: Sandro Bologna)
  - ✓ Chair of TIEMS Academy Board (Present: Snježana Knezić)
  - ✓ Co-Chair of TIEMS Academy Board (Present: Roman Tandlich)
- External Advisory Board Members by Invitation (non-voting members)
  - ✓ Invited by decision of TQC Compliance Board

## **TQC Examination Board**

The TQC Examination Board handles the TQC examination process for the TQC Applicants.

The Examination Board reflects the spectrum of emergency management expertise knowledgeable of existing International Standards and Best Practices. The Examination Board is a peer-review body and ensures that the Certification Program remains open, fair and impartial; retains integrity; and implements the mission of emergency management, by certifying that successful applicants have met the minimum standards outlined in the program. TQC Examination will be based on a set of essay questions and multiple-choice questions reflecting the TQC Examination Competence Framework as shown above.

Members of the TQC Examination Board are:

- Chair of TQC Examination Board:
  - ✓ Appointed by TIEMS Board (Present: Sandro Bologna)
- Co-Chair of TQC Examination Board:
  - ✓ Appointed by TIEMS Board (Present: Larry Porter)
- Permanent Members of TQC Compliance Board (voting members):
  - ✓ Chair of TQC Compliance Board (Present: Tom Robertson)
  - ✓ Chair of TIEMS Academy Board (Present: Snježana Knezić)
  - ✓ Co-Chair of TIEMS Academy Board (Present: Roman Tandlich)
- TIEMS International Group of Experts (TIGE) members (voting members)
  - ✓ Invited by decision of TQC Examination Board
- External Advisory Board Members by Invitation (non-voting members)
- Others invited by decision of TQC Examination Board (Non-voting members)

## **TIEMS Academy Board**

TQC Applicants may acquire required Competencies anywhere they wish - past coursework or experience, independent study, or they may take on-line or in-person courses. As time goes by, TIEMS Academy will be providing access to an increasing number of courses relevant to TQC Competencies. TIEMS Academy and the Compliance Board will indirectly complement

each other. TIEMS Academy will guide the TQC Certification Candidates to relevant teaching material for their preparation for the TQC examination. This teaching material will include:

- The TIEMS Library with programs and proceedings from TIEMS worldwide conferences and workshops: [Click Here](#)
- TIEMS own developed courses (*Will be added continuously as they are made available from TIEMS worldwide chapters and members*)
- Courses available from TIEMS International Education Partners (See link to [TIEMS Education Partners](#))
- “TQC Candidate Study and Evaluation Guide” (*Contain links to teaching material recommended for TQC candidates*)

Members of the TIEMS Academy Board are:

- Chair of TIEMS Academy Board
  - ✓ Appointed by TIEMS Board (Present: Snjezana Knezic)
- Co-Chair of TIEMS Academy Board:
  - ✓ Appointed by TIEMS Board (Present: Roman Tandlich)
- Permanent Members of TIEMS Academy Board (voting members):
  - ✓ Chair of TQC Compliance Board (Present: Tom Robertson)
  - ✓ Chair of TQC Examination Board (Present: Sandro Bologna)
- TIEMS International Group of Expertise (TIGE) members (non - voting members)
  - ✓ Invited by decision of TIEMS Academy Board
- TIEMS International Education Network Members by Invitation (non - voting members)
- Invited by decision of TIEMS Academy Board (non - voting members)

## TQC Test Candidates

In order to see to it that TIEMS International Certification - TQC, is relevant and appropriate and fulfilling the needs of the emergency management and disaster response community, and that it is up-to-date and using state-of-the-art technology, TIEMS has invited experienced professionals with different backgrounds and experience and from different countries, to be test candidates of TQC before it is opened to the community of professionals. Their role is to test the system from A to Z and give valuable feed-back on the quality, operational aspects, and relevance of this certification, to allow TIEMS to tune it to the needs of community experts. The TQC Test Candidates are also asked to provide local/regional information on relevant organizations and institutions.

The present Test Candidates are:

- |                                 |  |
|---------------------------------|--|
| 1. Larry Porter, USA            | 7. Jack Zhang, China                   |
| 2. Gbenga Morenikeji, Nigeria   | 8. Zukile S. Mcilongo, South Africa    |
| 3. Naill Momani, Jordan         | 9. Nothemba M. Mhlaba, South Africa    |
| 4. Desiree Beekharry, Australia | 10. Thembinkosi L. Nxawe, South Africa |
| 5. Russell Dippy, Australia     | 11. Mytro Chalyy, Ukraine              |
| 6. Brian Holecek, Australia     |  |

The Test Candidates' brief bios with pictures are shown in the following link:  
<https://tiems.info/index.php/activities-events/education/international-education-directory>

# TQC Application form



Welcome to the TIEMS International Certification - TQC.

Please review all TQC elements and requirements, including CV minimum requirements in the "Certification Prerequisites". Once you are comfortable that you meet the required criteria, simply fill out below to alert us of your interest in pursuing certification.

**Please be aware that ALL fields except "State" are required. Failure to provide a complete application may result in a summary rejection of your application.**

Are you a Member of TIEMS?

Have you previously been certified by TIEMS?

Gender?

First Name:

Last Name:

Date of Birth?

Country?

State:

City:

Street Address:

Postal Code:

Email Address?

Phone Number: Country Code: Area Code & Phone Number?

Education Background:

Nature of Present Work:

Specializations:

Years of Experience in Emergency Management?

Interests related to Emergency Management:

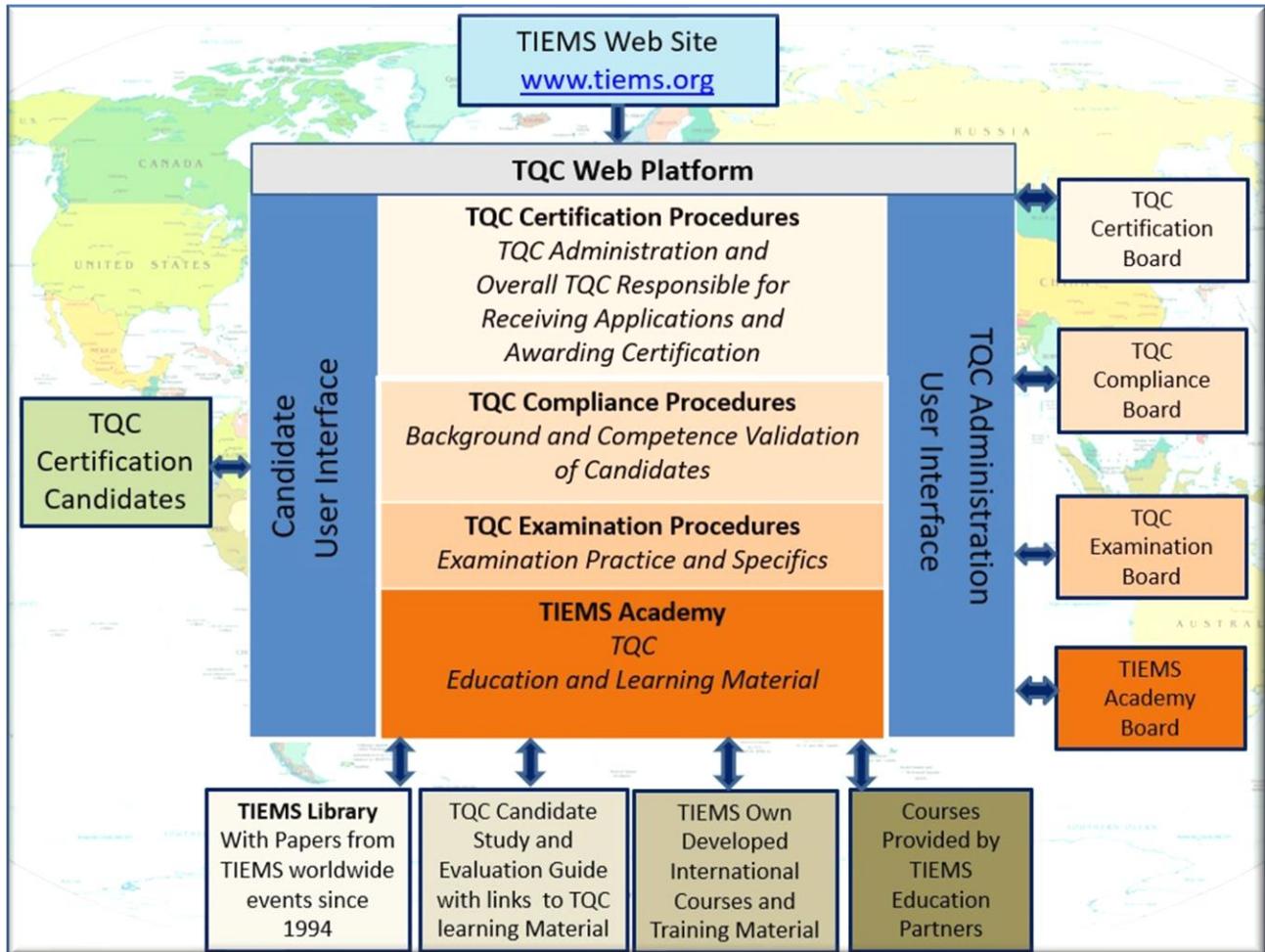
Do you speak fluent English?

Motivation for Certification:

## TQC Web Platform

The TQC WEB platform configuration is as shown in the figure below:



The responsible TQC WEB Platform Developer is Gerry Kyle of Canada.

The TQC WEB Platform can be accessed through the TIEMS WEB Site.

To start the process of applying for TIEMS International Certification - TQC, the Applicant needs to answers the questions in the TQC Application Form, which can be reached by [CLICKING HERE](#)

The Applicant will receive to his/her e-mail address a unique Password and Username for logging in to the TQC WEB Platform to continue his/her application process.

The Applicant can log in to TIEMS TQC WEB Platform by [CLICKING HERE](#)

## TQC Cost Policy

TIEMS general policy is that education and certification in emergency disaster management should be affordable by most, and therefore the cost of being TQC certified will be kept at a minimum, covering only the cost to TIEMS for offering and maintaining the TQC service.

The price to become TQC certified will be decided later when TIEMS has an overview of the costs involved. This will be evaluated in the test period with the TQC Test Candidates.

It is anticipated that before the TQC Certification Board will initiate the TQC certification process for the Applicant, the Applicant must become a TIEMS Member, and they will need to pay a TQC Certification Fee to cover the costs of the program. After successfully achieving the TQC Certification, the Applicant will become a TIEMS Professional Certified Member.

If the TQC Applicant fails to fulfil the compliance requirements, as described in the section “TIEMS International Certification Compliance and Examination”, 50% of the TQC Certification Fee will be refunded. This is to cover the expenses incurred in evaluating the Applicant’s compliance requirements.

It is also to be understood that TIEMS does not guarantee that an applicant’s certification will be successful. No claim of liability, in any shape or form, can be made by any applicant against TIEMS and/or any of its officers who are part of the TQC process(es).

## How Does TIEMS Collect and use Personal Data

Herein, the term "personal data" refers to concept defined in Regulation (EU) 2016/679 of the European Parliament and of the Council.

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32016R0679>

See [TIEMS Privacy Policy](#) how TIEMS protect personal data according to above EU Regulation.

Concerning the online proctoring during TQC examination, TIEMS cooperate with the company ProctorFree. ProctorFree is an authorized agent of TIEMS for purposes of receiving, storing and distributing personally identifiable information (PII) and education records under the Family Education Rights and Privacy Act (FERPA), see:

<https://www2.ed.gov/policy/gen/guid/fpcos/ferpa/index.html>