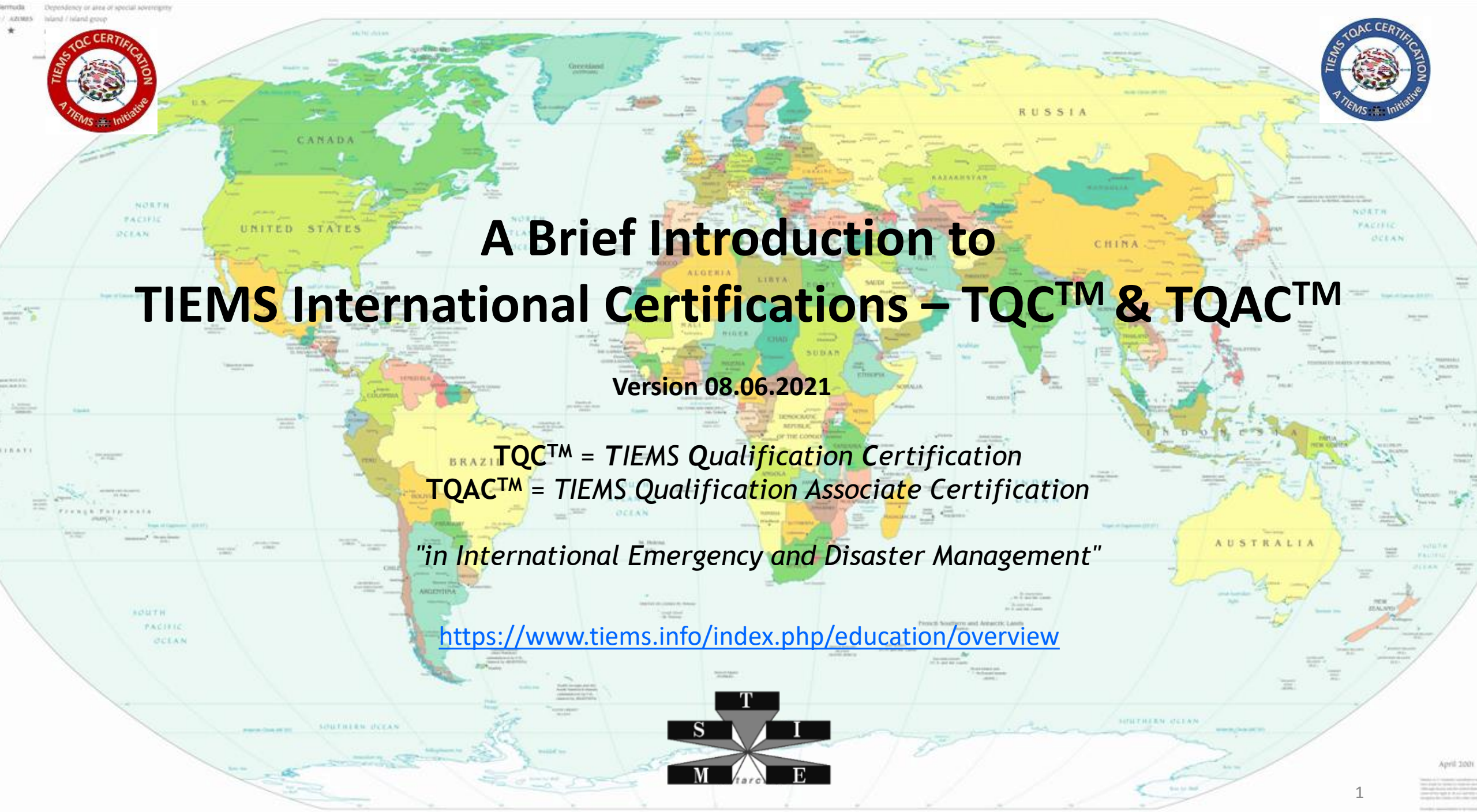


A Brief Introduction to TIEMS International Certifications – TQC™ & TQAC™

Version 08.06.2021

TQC™ = *TIEMS Qualification Certification*
TQAC™ = *TIEMS Qualification Associate Certification*

"in International Emergency and Disaster Management"

https://www.tiems.info/index.php/education/overview

TQC™ & TQAC™ Background and Development Process

Motivation

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 international 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. This is TIEMS motivation for launching

TIEMS International Certifications –
TQC & TQAC

Development Process

- The idea for a TIEMS International Certification emerged during the TIEMS 2006 Annual Conference in Korea
- Around 300 experts from more than 40 countries have, over time, been consulted during the TQC development process, by answering a questionnaire and participating in three workshops in Kiev, Manila, and Seoul; discussing and concluding the TQC concept
- Seven test candidates from 6 countries; Australia, China, Jordan, Nigeria, South Africa, and USA; have tested the on-line TQC system from A to Z, giving valuable feed-back on the quality, operational aspects, and relevance of TQC; thus guiding TIEMS to attune TQC to the needs of the international emergency management and disaster response community
- When TQC was launched, TIEMS was soon approached by newly educated professionals, who had proper education but were lacking practical experience in emergency management. TQAC was then established as an additional TIEMS certification for those with proper education in emergency management but was lacking practical experience.

TIEMS International Certifications - TQC™ & TQAC™

TQC & TQAC For Whom:

- TQC is a certification for individual emergency managers with a nationally recognized professional certification or other individuals with documented competence and experience, practical or academic, in international emergency and disaster management
- TQAC is a certification for individuals with proper education in emergency management but who are lacking the practical experience as required for TQC
- TQC & TQAC only certify knowledge and competences about international standards, requirements, and best practices, necessary to create "an international common understanding" among those working with emergency and disaster management internationally

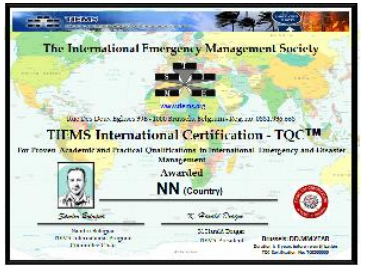
TQC & TQAC Objective:

TIEMS Believes that Internationally Focused Certifications will:

- Promote Global Competence in Emergency Management
- Share Best Practices
- Support International Collaboration
- Lead to an International Common language, Knowledge and Understanding of Emergency and Disaster Management

https://www.tiems.info/index.php/education/overview

TQC™ & TQAC™ Process



Application → Compliance → Examination → Certification Awarded

TQC & TQAC 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 of international emergency management and disaster response

TQC™ Certification Prerequisites

To be eligible to take the **TQC** exam, a candidate should provide evidence of

Education*, *Participation*, *Contribution*, *and Competence

The Applicant is encouraged to identify international aspects in any of the below!

Education – *One or more of the following:*

i. 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)

ii. Minimum 50 hours of emergency/disaster management training in the last 5 years

iii. A certification related to emergency/disaster management at the national level

Participation –

The candidate is required to have at least 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.

Contribution – *one or more* of the following

i. At least 5 publications or speaking engagements in emergency/disaster management

ii. Participation as leader or board member of an organization that participates in emergency/disaster management

iii. Teaching emergency/disaster management

Competence –

The candidate is required to show having competence (experience or education) in seven areas of emergency and disaster management:

i. International Perspectives
ii. Preparedness, Prevention, and Mitigation
iii. Predictions and Early Warning
iv. Emergency Operations
v. Public Warning
vi. Search and Rescue
vii. Recovery and Reconstruction

TQC & TQAC Code of Conduct

Read and follow the TQC & TQAC Code of Conduct during the TQC/TQAC Certification Process

TQAC™ Certification Prerequisites

To be eligible to take the **TQAC** exam, a candidate should provide evidence of

Education and Competence

The Applicant is encouraged to identify international aspects in any of the below!

Education – *One or more of the following:*

i. 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)

ii. Minimum 50 hours of emergency/disaster management training in the last 5 years

iii. A certification related to emergency/disaster management at the national level

Competence –

The candidate is required to show having competence (experience or education) in 3 of the seven areas of emergency and disaster management (according to own choice of which):

i. International Perspectives
ii. Preparedness, Prevention, and Mitigation
iii. Predictions and Early Warning
iv. Emergency Operations
v. Public Warning
vi. Search and Rescue
vii. Recovery and Reconstruction

TQC & TQAC Code of Conduct

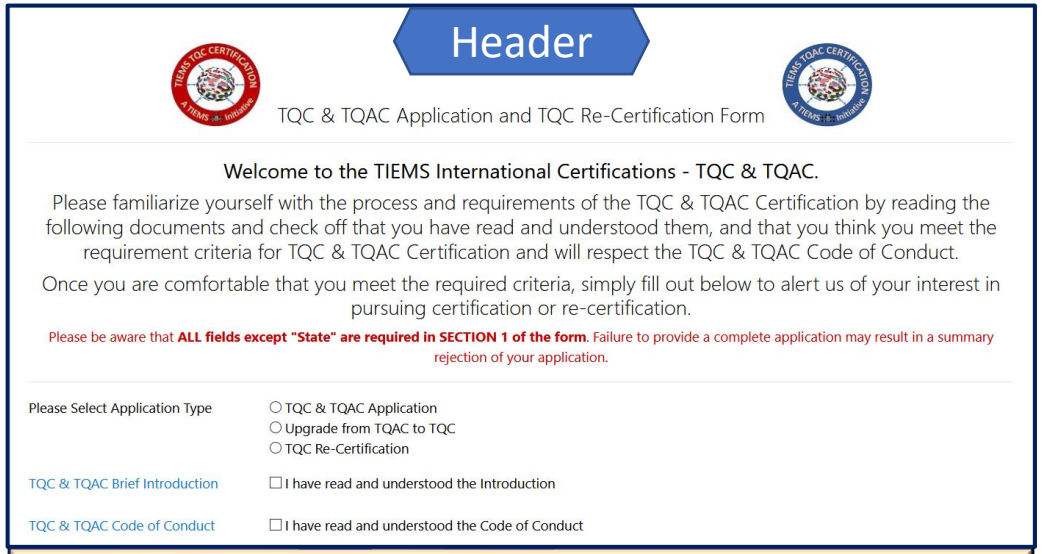
Read and follow the TQC & TQAC Code of Conduct during the TQC/TQAC Certification Process

TQC™ & TQAC™ Application and TQC Re-Certification Form

The Application Form details are shown in the ***TQC & TQAC Description Document***

Log in to the Application Form at:

https://tqcpreview.tiems.info/



The Application Form Header with Choices of Application Type and links to Documents to Read before Starting the Application

The General Section 1
Personal Data on the Applicant

The General Section 1 to be filled in for all the three types of Application.

The TQC & TQAC Application Section 2
Applicant's Education, Experience and Motivation

Section 2 to be filled in for those applying for TQC or TQAC Certification

Upgrade from TQAC to TQC Section 3
Applicant's Education, Training and Experience since TQAC Certification

Section 3 to be filled in for those applying for upgrade from TQAC to TQC

The TQC Re-Certification Section 4
Applicant's Education, Training and Experience since TQC Certification

Section 4 to be filled in for those applying for TQC Re-Certification

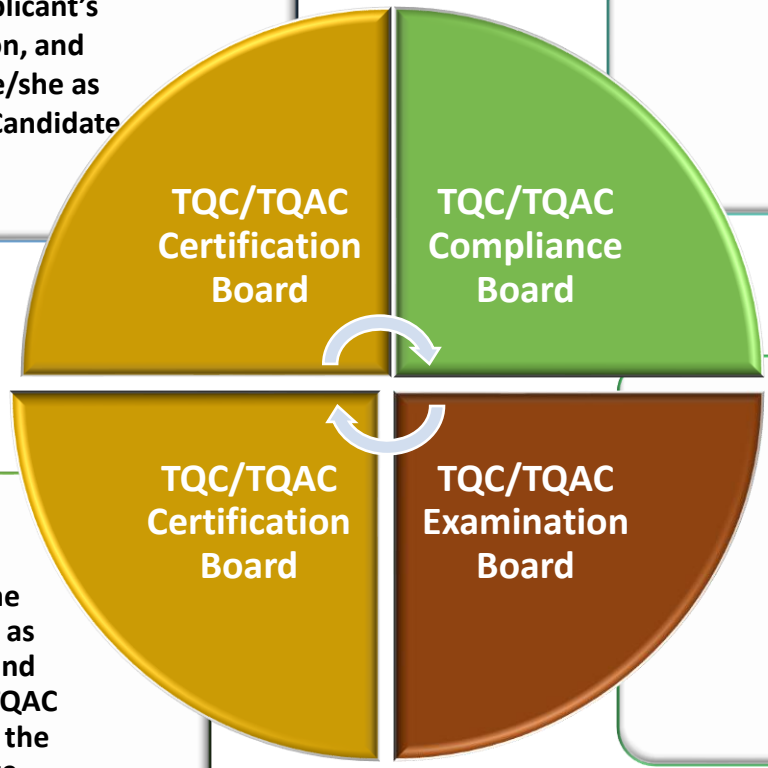
TQC™ & TQAC™ Candidate Evaluation

The Applicant's TQC/TQAC Process and Performance is Evaluated, Monitored and Approved by 3 TQC/TQAC Boards

TQC Diploma

TQAC Diploma

Approve the Candidate as Certified and Issue TQC/TQAC Diploma to the Candidate



Checks Applicant's Application, and Approve he/she as TQC/TQAC Candidate

Checks if Candidate's Documentation is TQC/TQAC Compliant

Checks Candidate's Examination Results

TQC™ Required Documentation

- ❑ A Curriculum Vitae (CV), showing the candidate's educational and professional experience
  The CV should cover:
  a) Address and contact information
  b) Work experience
  c) Education and training
  d) Language skills
  e) Other information the candidate wishes to include
- ❑ Copies of Degree Diplomas, Program Certificates, and Course Completions
- ❑ Copies of Certifications Related to Emergency and Disaster Management
- ❑ Evidence of Publications, Presentations, Teaching, or Leadership
- ❑ A professional reference describing the candidate's participation in emergency/disaster management activities
- ❑ Additional Background and Experience Documentation
- ❑ A Competence Area Summary, Demonstrating Knowledge in the Following 7 Competence Areas:
  a) International Perspectives
  b) Preparedness, Prevention, and Mitigation
  c) Predictions and Early Warning
  d) Emergency Operations
  e) Public Warning
  f) Search and Rescue
  g) Recovery and Reconstruction

TQAC™ Required Documentation

- ❑ A Curriculum Vitae (CV), showing the candidate's educational and professional experience
  The CV should cover:

  a) Address and contact information
  b) Work experience
  c) Education and training
  d) Language skills
  e) Other information the candidate wishes to include

- ❑ Copies of Degree Diplomas, Program Certificates, and Course Completions
- ❑ Copies of Certifications Related to Emergency and Disaster Management
- ❑ A professional reference describing the candidate's participation in emergency/disaster education
- ❑ Additional Background Documentation
- ❑ A Competence Area Summary, Demonstrating Knowledge in 3 of the Following 7 Competence Areas ((according to own choice of which):

  a) International Perspectives
  b) Preparedness, Prevention, and Mitigation
  c) Predictions and Early Warning
  d) Emergency Operations
  e) Public Warning
  f) Search and Rescue
  g) Recovery and Reconstruction

TQC™ & TQAC™ Procedures and Platform

TQC/TQAC PROCEDURES

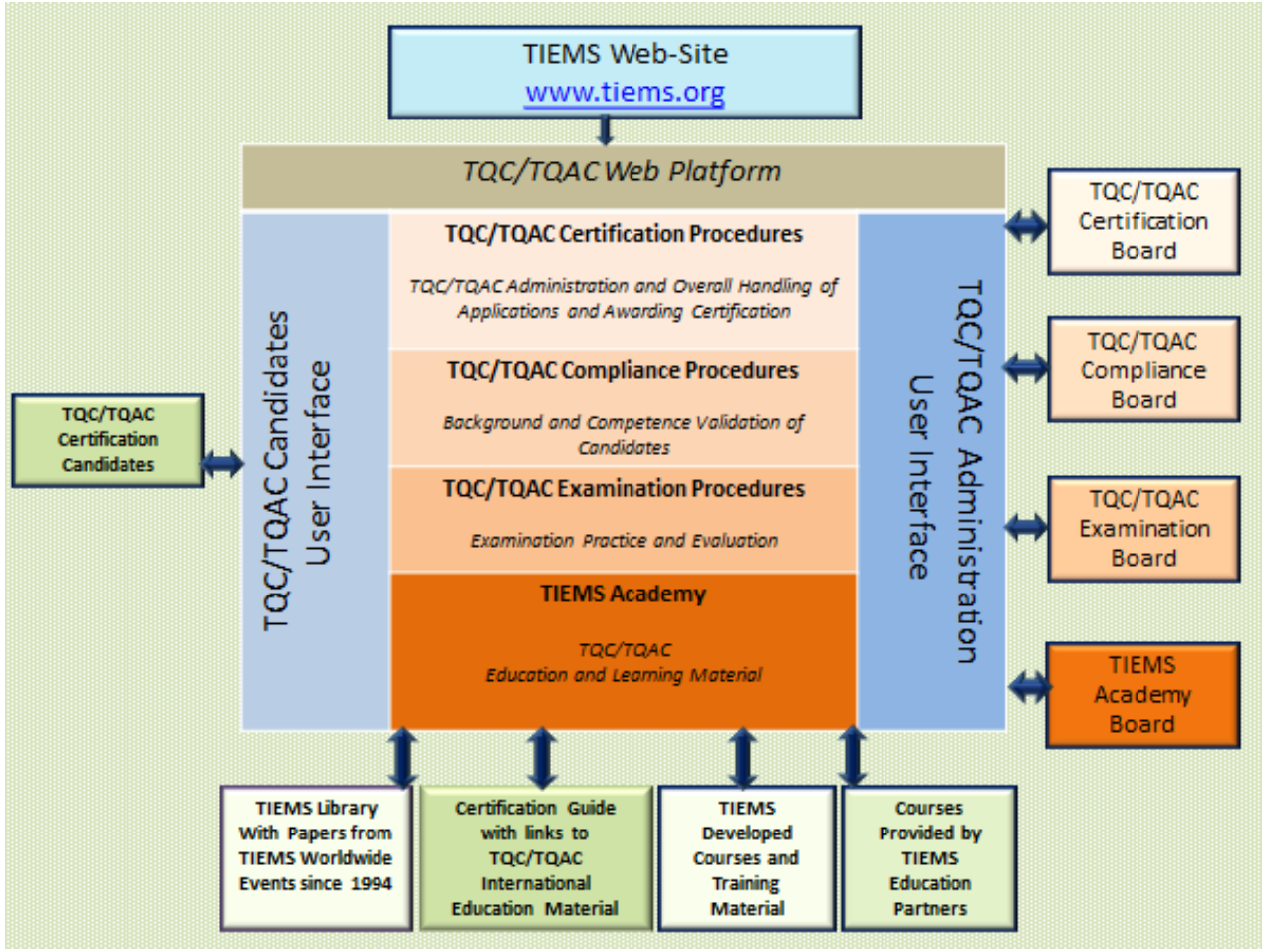
PUBLIC DOCUMENTS

- ❑ TQC/TQAC Brief Introduction
- ❑ TQC/TQAC Description Document
- ❑ TQC/TQAC Code of Conduct
- ❑ TQC/TQAC Application Form
- ❑ TIEMS Special Newsletter on TQC Certification

TQC/TQAC ACCEPTED CANDIDATES ONLY

- ❑ TQC/TQAC Candidate Certification Guide
- ❑ TQC/TQAC Examination Guide
- ❑ TQC/TQAC Examination Questions
- ❑ TQC/TQAC ProctorFree User Guide

TQC/TQAC Web- Platform on Moodle



TQC™ & TQAC™ Platform with TIEMS Academy and Present Courses

TIEMS Academy

The overall goal is that TIEMS Academy shall be an online portal that will make emergency management educational resources, from TIEMS and reputable educational institutions and initiatives, broadly available worldwide

TIEMS Academy Contains

- ❑ *TIEMS Educational Material, in form of Programs and Proceedings from TIEMS International Events (1994 – 2020)*
- ❑ *TIEMS own Developed Courses*
- ❑ *Courses provided by the TIEMS International Education Network*
- ❑ *Links Provided to Relevant International Teaching Material for TIEMS International Certification*

TQC™ & TQAC™ Curriculum & Examination

- TIEMS encourages TQC/TQAC candidates to gain exposure to the many aspects that comprise the field. The TQC/TQAC Web Platform with TIEMS Academy, therefore, provides references to the most important areas.
- During the TQC/TQAC Compliance Process, the Candidate has to demonstrate experience or knowledge in 7 (TQC) or 3 (TQAC) Competence Areas by a Competence Areas Summary (CAS)
- However, for the TQC/TQAC examination, the focus is on 4 important areas, on which the TQC/TQAC Candidate will be tested in a proctored, "closed book" examination process.

Competence Area Summary Comprises

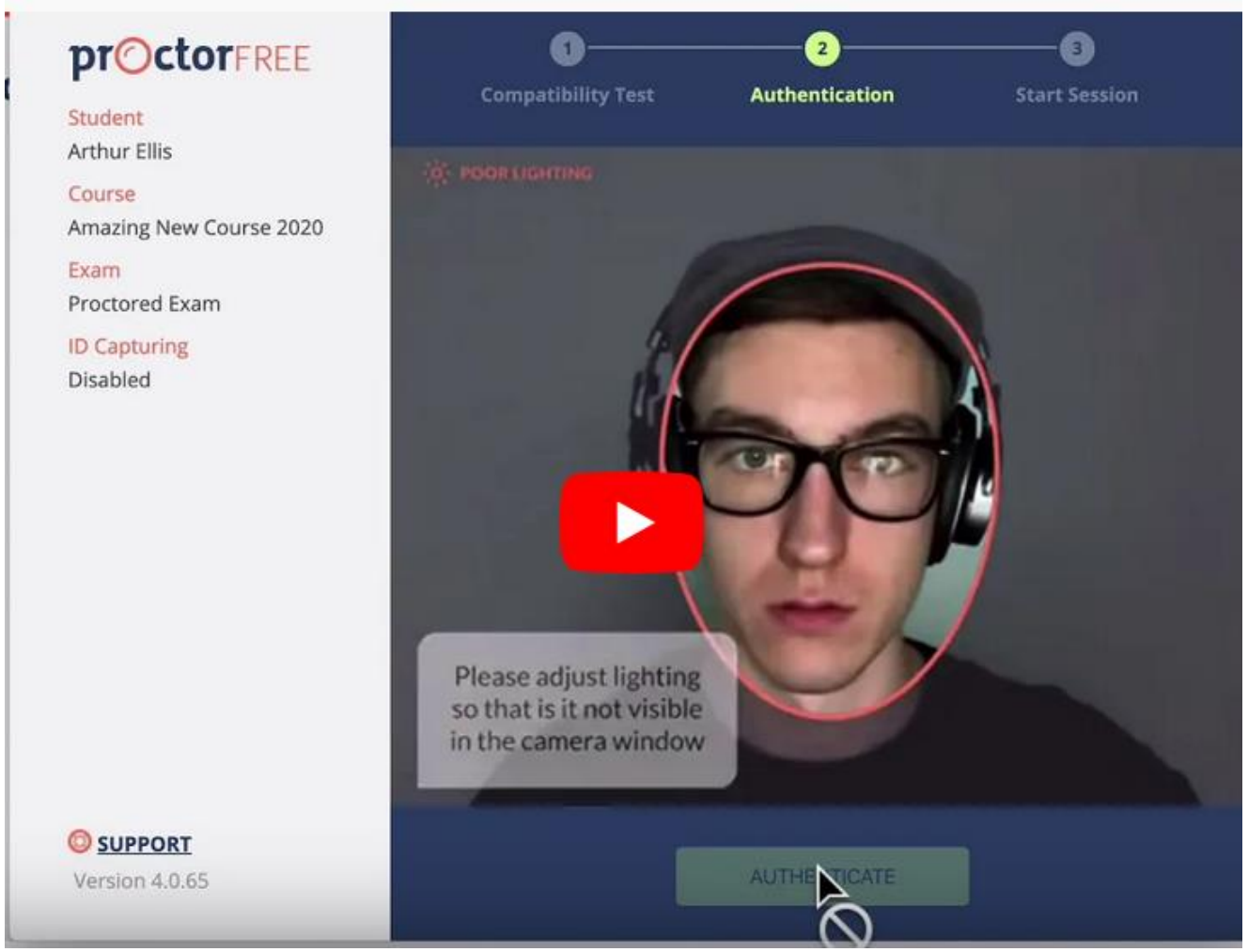
TQC/TQAC Examination Areas

- International Perspectives → **International Perspectives**
- Preparedness, Prevention, and Mitigation → **Sendai Framework**
- Predictions and Early Warning
- Emergency Operations → **ISO Standards**
- Public Warning
- Search and Rescue → **INSARAG Framework**
- Recovery and Reconstruction

TQC™ & TQAC™ Examination Monitoring

In order for the TQC/TQAC Candidate to take the TQC Exam wherever he/she is, he/she will be identified and monitored by ProctorFree during the whole TQC/TQAC exam.

- ❑ Picture Identification will be required
- ❑ Each Exam Quiz has a Time Limit.
- ❑ The candidate will have to stay at his/her computer and will not be allowed to change screens or look away or leave the computer during each Exam Quiz.



https://proctorfree.com/

TQC™ Sample Diploma

TQAC™ Sample Diploma

TQC™ Certified Members 2021

The TQC Certified Members are those who have fulfilled TQC Certification Requirements by passing through all phases of TQC Certification: TQC Application, TQC Compliance, and TQC Examination

These are the TQC Charter Members

1. Desiree Beekharry (Australia)
2. Larry A. Porter (USA)
3. Gbenga Morenikeji (Nigeria)
4. Nothemba M. Mhlaba (South Africa)
5. Naill Al Momani (Jordan/Dubai)
6. Russell Dippy (Australia)
7. Li Li (China)

- ❑ TQC is awarded for a three-year period
- ❑ Re-certification efforts required prior to the end of the third year
- ❑ Submit the Re-Certification Form
- ❑ Evaluation of the TQC-certified person's experience, activity, and education/training during the 3 years
- ❑ Re-Certification Certificate, Or, Re-Certification Exam

TQC™ Charter Members

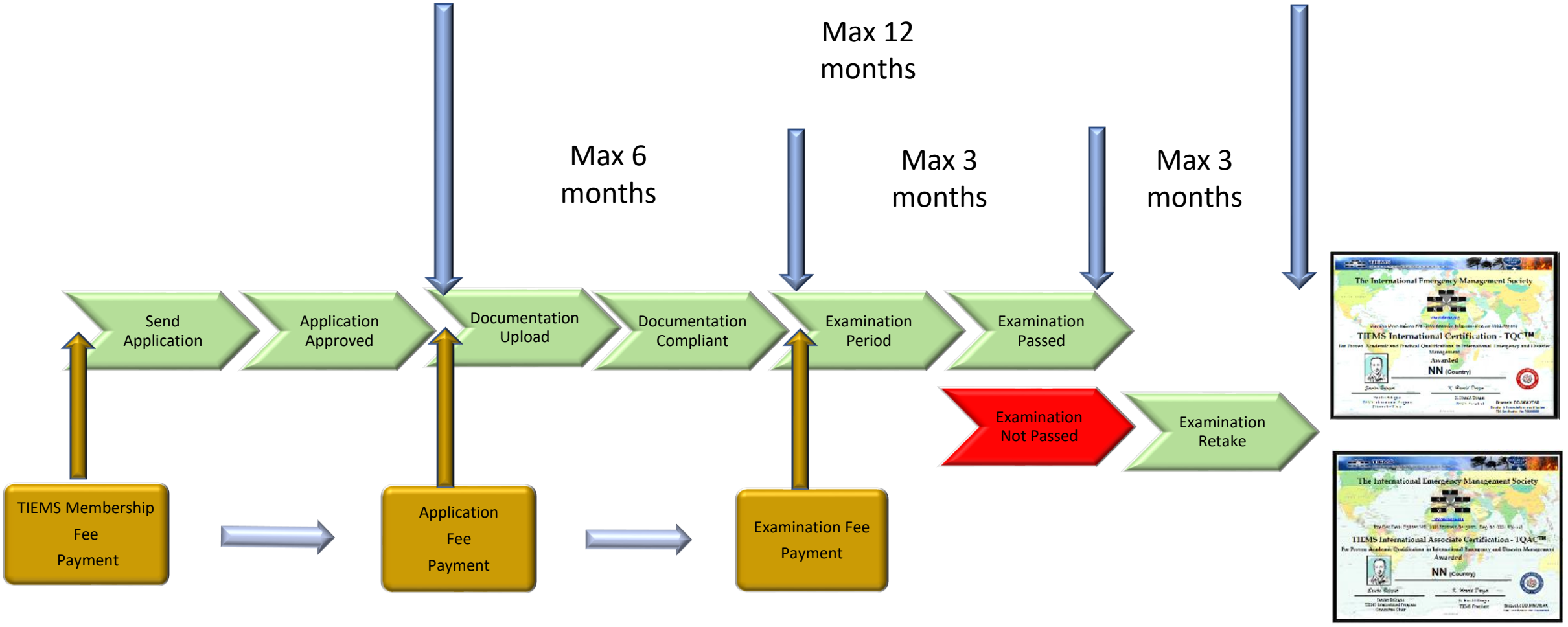
Desiree Beekharry **Australia** TQC Diploma	Larry A. Porter **USA** TQC Diploma	Gbenga Morenikeji **Nigeria** TQC Diploma	Nothemba M. Mhlaba **South Africa** TQC Diploma
Naill Al Momani **Jordan/Dubai** TQC Diploma	Russell Dippy **Australia** TQC Diploma	Li Li **China** TQC Diploma	

TQAC™ Charter Members 2021

The TQAC Charter Members are those who have fulfilled TQAC Certification Requirements by passing through all phases of TQAC Certification: TQAC Application, TQAC Compliance, and TQAC Examination in 2021

- ❑ TQAC is a One Time Award, Showing Proper Education in Emergency Management
- ❑ TQAC can be Upgraded to TQC Certification when the Candidate has Achieved the Necessary Practical Experience (Participation and Contribution) in Emergency Management
- ❑ The Candidate can then Submit the *TQAC Certification Upgrade to TQC Form*
- ❑ Before sending the upgrade form, the TQC upgrade fee has to be paid
- ❑ The TQAC-certified Person's Experience and Activity will be then Evaluated, and if Fulfilling the TQC Requirements, awarded the TQC Certification

TQC™ & TQAC™ PRACTICAL STEPS AND PAYMENT TIME



TIEMS Membership Fees

TIEMS ANNUAL MEMBERSHIP FEES

(ONE OF THE FOLLOWING TIEMS MEMBERSHIPS IS REQUIRED BEFORE SENDING THE TQC/TQAC APPLICATION)

- ❑ Standard Member -- *One Year Membership*: **95 €**
- ❑ Standard Member Transition Economy Country -- *One Year Membership*: **35 €**
- ❑ Student Member -- *One Year Membership*: **25 €**
- ❑ Institutional Member -- *One Year Membership*: **310 €**
  - ➢ **Includes 5 TIEMS Memberships**

- ❑ Professional Certified Member -- *One Year Membership*: **125 €**
  - ➢ **This membership is for TQC Certified Members after their certification**

TQC™ & TQAC™ Certification & Examination Fees

TQC CERTIFICATION & EXAMINATION & RE - CERTIFICATION FEES

(BOTH OF BELOW FEES IS REQUIRED DURING THE TQC CERTIFICATION PROCESS)

- ❑ TQC Certification Fee: **125 €** (BEFORE STARTING THE TQC COMPLIANCE PROCESS)
- ❑ TQC Examination Fee: **100 €** (BEFORE STARTING THE TQC EXAMINATION PROCESS)
- ❑ TQC Re - Certification Fee: **100 €** (BEFORE STARTING THE RE-CERTIFICATION PROCESS)

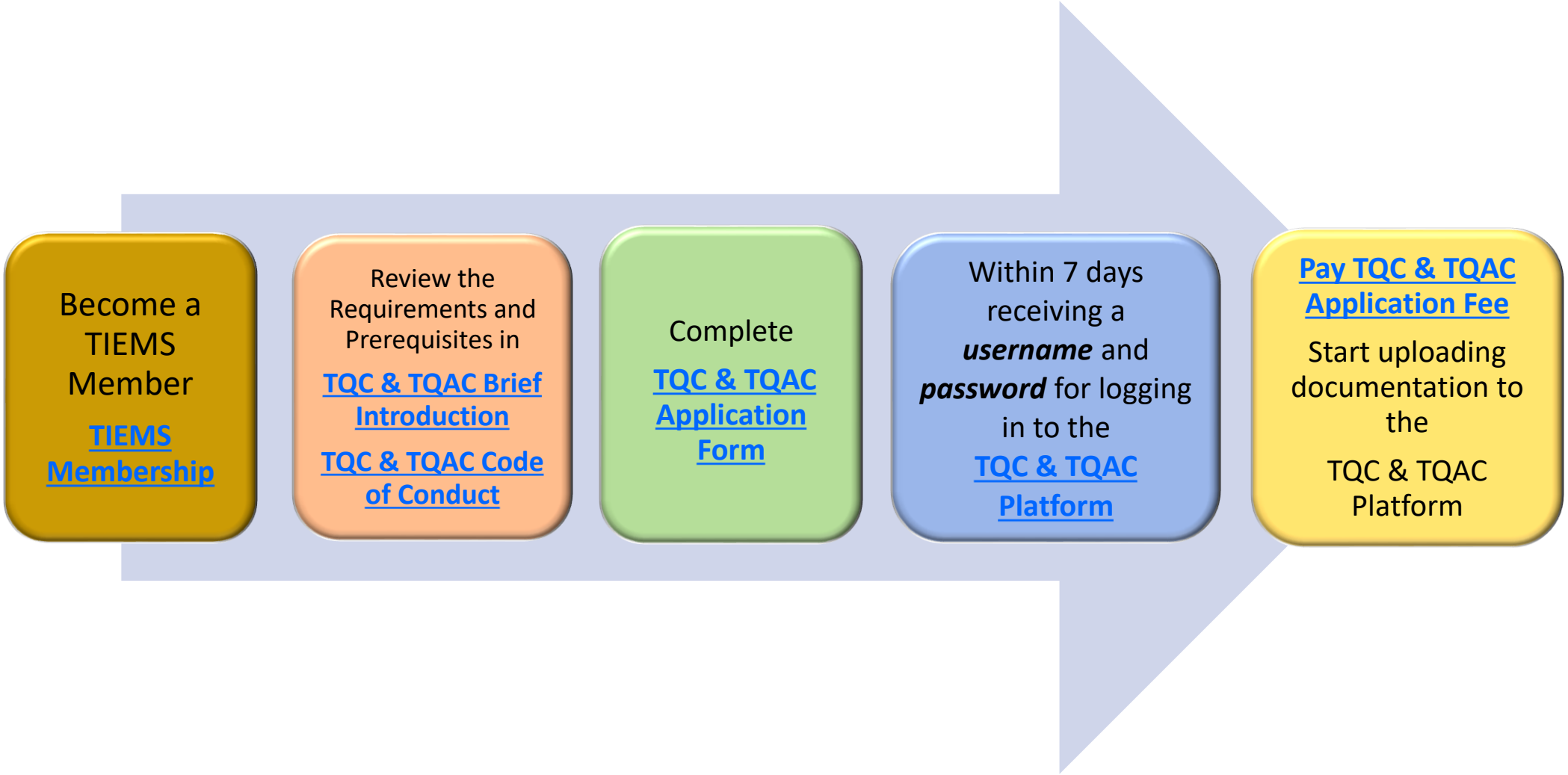
TQAC CERTIFICATION & EXAMINATION AND TQC UPGRADE FEES

(ALL OF BELOW FEES IS REQUIRED DURING THE TQAC CERTIFICATION PROCESS AND UPGRADE TO TQC PROCESS)

- ❑ TQAC Certification Fee: **75 €** (BEFORE STARTING THE TQAC COMPLIANCE PROCESS)
- ❑ TQAC Examination Fee: **100 €** (BEFORE STARTING THE TQAC EXAMINATION PROCESS)
- ❑ TQAC Upgrade to TQC Fee: **50 €** (BEFORE STARTING THE TQAC TO TQC UPGRADING PROCESS)

- ❑ **In TQC/TQAC Inaugural year 2021, TIEMS is offering 50 % discount on above TQC/TQAC Certification & Examination Fees!**
- ❑ **TIEMS members from transition economy countries can apply for TIEMS TQC/TQAC Scholarship, which will cover TQC/TQAC Application Fee and 50 % of the TQC/TQAC Examination Fee for qualified applicants**

How to Start TQC™ & TQAC™ Certification



TQC™ & TQAC™ Public Documents

- ❑ TQC & TQAC Brief Introduction, *is this pdf file*
- ❑ TQC & TQAC Description Document, pdf file
- ❑ TIEMS Special Newsletter on Certification, pdf file
- ❑ TQC & TQAC Code of Conduct, pdf file
- ❑ TQC & TQAC Application and TQC Re-Certification Form, Link

TQC™ & TQAC™ Contact Information

Chair of TQC & TQAC Certification Board
K. Harald Drager
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Snjezana Knezic
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TIEMS Secretariat
secretariat@tiems.info