

# The International Emergency Management Society

Members Newsletter – Issue 10 – January 2010



(Picture courtesy of United Nations)

## STOP PRESS...

Haiti Earthquake Latest

## Also in this issue:

Climate Change – A national Security Issue?

TIEMS Certification Programme

TIEMS Activity Reports

Society Updates

**TIEMS welcomes you to 2010  
And our 17<sup>th</sup> Annual Conference in  
Beijing, China**



**Global Emergency Response to Disasters for a Harmonious World**

The International Emergency Management Society 17th Annual Conference  
in conjunction with

The International Emergency Management Society–China Chapter, 1st Annual Conference  
June 8–12, 2010

## Message from the President

It is with pleasure I welcome you to the first newsletter for 2010, a year which I hope will bring new opportunities for the development of TIEMS, building upon our achievements of 2009.

The TIEMS slogan of “Thinking Globally and Act Locally” has materialized with strength in 2009, with two new formalized chapters, namely China and South Korea, and there are active discussions for establishing chapters in Italy, the Middle East and Latin America and Caribbean, hopefully in 2010.

The China chapter is one such active chapter, and has already arranged two international workshops, and is responsible for TIEMS annual conference in June 2010 in Beijing, where we hope to welcome as many of you as possible. We are expecting more than 600 participants will attend, and with a full program of keynotes, technical papers and workshops, and as always a social program giving you an insight into the historic Chinese culture, it makes it an important event to attend in 2010 (See <http://www.tiems2010.org/tiems/index.htm> for more information).

In addition to these the society has organized many other regional workshop events many covered in this newsletter, and we are proud to announce TIEMS first international workshop in Latin America and Caribbean in Santiago de Chile on 13th and 14th April 2010, completing the introduction of TIEMS in all six regions of the world.

Also on the TIEMS program for 2010 is to establish the TIEMS Council or Advocacy Forum, which will be kicked-off during TIEMS annual conference in Beijing in June 2010. This Forum is to become a global forum to influence policy makers on emergency and disaster management issues, and should provide an all stakeholder forum where policy makers, industry and users can meet and agree on important global issues in emergency and disaster management.

Finally a last reminder to students in emergency and disaster management university programs around the world, not to miss the opportunity of apply for TIEMS Rohrmann Scholarship Fund for 2010. This Fund will help and support selected students to be able to participate at TIEMS annual conference in 2010 in Beijing.



Presidents  
Message

*K Harald Drager*



**Global Emergency Response to Disasters for a Harmonious World**

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## Editors Welcome

Dear members and supporters, welcome to the first edition of the TIEMS newsletter for 2010. Inside this issue, there is information on the latest important TIEMS events during the past six months, an update on the agreement between TIEMS and SERSC and the EDIMA-CERT® Project. It has been a particularly active period for TIEMS following the annual conference in June, and we hope this will continue in the New Year with more members involved in our activities.



Editors  
Message

As TIEMS continues to grow and enlarge its membership this year, we are also happy to present you the newly established TIEMS Korean Chapter. We hope you enjoy reading this issue, and as always welcome your comments; suggestions and contributions to improve the TIEMS newsletter, the next edition of which will be published in April 2010.

*Snjezana Knezic*

*Alan Jones*

*Technical / Sub Editor*

## Global Emergency Response to Disasters for a Harmonious World

TIEMS is again proud to announce the latest in its world renowned events – The TIEMS 17<sup>th</sup> Annual Conference.

Bringing together international experts from around the world for 17 years, the TIEMS annual conference moves from continent to continent, and this year the exciting and newly developed following the recent Olympics city of Beijing China.

This year's event as those that have gone before it, is set to be an exciting one, with 144 papers and posters proposed so far from authors in 28 countries a list of which can be found at [www.tiems.org](http://www.tiems.org). These are currently being reviewed by our international paper review committee and hope to have a final programme for you all very soon so please visit our website for the latest information.

Plus with many facing the pressures of the economic downturn we are please to announce that conference fees have not



been increased this year, and if you sign up now you could save up to \$200 USD\* with the early bird rate.

So what are you waiting for a wealth of knowledge, experience and ideas awaits you at this truly international gathering of emergency management experts.

We look forward to meeting you in Beijing!

# ...BREAKING NEWS...

## Haiti Earthquake

TIEMS would like to express its deepest sympathy with the Haitian people, and those that have lost loved ones, were wounded or are missing after the earthquake.

infrastructure such as telephone services, to bring structure back to the country.



(Picture courtesy of elycefeliz)



(Picture courtesy of IFRC)

The earthquake measuring 7.0 that struck on the 12<sup>th</sup> January 2010, has left thousands dead, and many more casualties and homeless. However, despite the tragedy, the world community have again rallied together to do their utmost to help in this tragic situation. However as we go to press we have received news that another earthquake has again hit the region one week later measuring 6.1, and our thoughts are with those within the country, including many rescue personnel who have travelled to assist in the response from across the world for their safety.

The International Charter on Space and Major Disasters was activated following the disaster, allowing satellite imagery of affected regions to be shared with rescue and aid organizations, and analyse the affects of the quake on the capitals infrastructure. Again demonstrating the important part technology has to play in emergency management.



(Picture courtesy of SkyTruth)

Appeals for international humanitarian aid have been issued, and many countries have responded to the appeals and launched fund-raising efforts, as well as sending search and rescue teams. And although this takes time to be coordinated and reach the country great efforts are now being made to help casualties, with many being moved to rescue ships for medical aid and restore

Public support has also been of record levels with some organisations raising \$7 million in 24 hours, and such figures continue to grow and we understand are much needed by many of the voluntary organisations now working in Country and who's resources become quickly depleted.



(Picture courtesy of The US Army)

The disaster has again reminded the whole world however of the vulnerability of the world population to natural disasters, and although natural phenomenon cannot be stopped we must do all we can to limit its affects. This catastrophe underlines the need for risk assessment and emergency and disaster planning and the importance of, and of course to maintaining and opening up new global communication and relationships on these issues.



(Picture courtesy of UN Development Project)

At TIEMS annual conference in Beijing in June 2010, earthquakes and other natural disasters will be a key focus, with many lessons also being brought from the Chinese earthquakes of 2008 and urge all of you as professionals, to continue your good work to improve models, tool and methods to be able to better predict disasters, be prepared to handle them and to reduce potential consequences such as those we see in Haiti.

## ...BREAKING NEWS...

To find out more about lessons which we can learn at the TIEMS annual conference please visit [www.tiems2010.org](http://www.tiems2010.org)



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# TIEMS Benelux 2nd International Workshop

“Oil, Gas, Chemicals Safety and Disaster Management”

25th and 26th September 2009

by Jan Berghmans, Secretary TIEMS Benelux



Delegates at the Workshops

Once again, clear skies and a bright sun, welcomed delegates this time to Antwerp, Belgium. In the shadow of its famous cathedral, the Hilton hotel was the location for the TIEMS Benelux 2nd International Workshop.

The two days workshop on 25th and 26th September 2009, was again packed with content. And whilst day one welcomed speakers, day two offered an opportunity to observe practical demonstrations, on this occasion at the PIBA Fire College, Ranst, Antwerp, providing a mixture of theoretical and practical approaches to safety and disaster management.

The key areas addressed at the workshop this year were fire, explosions, and spillage, in oil, gas and chemical industries. Especially relevant given the port of Antwerp holds one of the largest concentrations of these types of industries world-wide, with dozens of COMAH classified industrial production and storage sites.

After a brief introduction from TIEMS Benelux President Mr. Koen Druyts, the, President of TIEMS International Mr K Harald Drager kicked off the workshop

outlining the status, and the future plans of TIEMS International.

The day then went on to cover, and discuss such issues as;

- Identifying what satellite support can do for the protection of critical infrastructure
- The need for an international certified education program, supported by TIEMS, for Emergency Managers.
- Different ways of “authority-to-citizen-communication” during emergencies and crisis situations and the application of new technologies to facilitate this.
- Determining what the best refuge locations for vessels in distress are along the Croatian coast
- Lessons learned with the Belgian fire departments from the gas explosion in Ghislenghien in 2004.
- Oil Spill Response, with real examples of major spillages on land and water, demonstrating the difficulties encountered when spillages occur in the most unusual locations
- International support to minimise the safety and environmental impact.

Mr. Drager officially closed the workshop with words of thanks to all attendees. He also gave special thanks to the TIEMS Benelux board for organising this event.

The second day, as bright as the first, was a visit to Belgium's Fire College in Ranst. The visit started with an overview of the activities and facilities at the college, and details of some encouraging investment projects that are ongoing at the college by its General Manager, Mr. Leo Verschueren. A tour of the site followed, looking at the facilities at the college for simulating incidents involving trains, plane, motor vehicles and village/hotel evacuation.



The highlights of the visit were live demonstrations of a backdraft.

## 6th TIEMS WORKSHOP Croatia 2009

"Natural Disasters – Preparedness, Fighting and Mitigation  
Implementing Modern Technologies, Tactical and Operating  
Procedures" (27th and 28th October)

by Regional Centre for Assistance and Disaster Relief, Divulje, Croatia



Delegates at the Workshops

The two-day international TIEMS 2009 Croatia Workshop was held in Split's, Croatian Economy Chamber quarters, on 27th and 28th October 2009. A number of international experts, and institution representatives, engaged in rescue and protection work actively participated in the workshop presentations and discussions.

Organized by the Regional Centre for Assistance and Disaster Relief, Divulje,

Republic of Croatia's Institution for protection and rescue and under the auspices of the Ministry of Interior of the Republic of Croatia, the objective of the workshop was the improvement of emergency management systems, with particular reference to international cooperation and procedures. Special emphasis was placed during the event on search and rescue and protection techniques. Other important issues, such as

the application of modern technologies in raising preparedness, consequence relief and recovery from major incidents were also discussed.



Delegates at the workshop

In order to efficiently meet all these challenges imposed by the modern highly technological way of life, a need for a high level of awareness, information and education in policy making is required. Agency and service representatives, ministries and scientific institutions experts had to therefore explore adequate methods of education of political structures and population.

Immensely important is the education of preschool and school age children, being the basis of successful education of the population in general.

It is also necessary, apart from the above mentioned cooperation between politics and profession, to engage in networking between different agencies and services, private and public. This should exist on both national and international level, whereas the

cooperation between national institutions and regional and international organizations needs special priority. Such cooperation is important for the coordination of planning procedures, which facilitates joint measures in cross border disasters, simpler assistance provision, and reception both at home and among different countries.

Also identified as requiring international assistance and solidarity, were problems such as pandemics, and adverse weather conditions.

Necessary for a successful realization of all the mentioned issues it was recommended was the involvement of scientific institutions and competent national bodies of science. The workshop concluded they should have a more prominent role within emergency management, especially in risk assessment and techniques and technologies to fight them.

State bodies for science and education have a crucial role in the education of the population, particularly children and the young and their formation into citizens who are aware of their own and other people's security and environment and capable to give assistance to whoever is in need.

So, permanent education and training, exchanging of knowledge and experience, networking, political and financial support can give better results if we want to save lives, property and the environment.

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## NARTUS Project Update

### By K Harald Drager



The NARTUS project was successfully terminated in May 2009 with the launching of the self governed PSC Europe Forum. TIEMS played a major role in the NARTUS project with the responsibility for Consensus Building and Establishing the Forum. PSC Europe Forum deals with Public Safety Communication and is complimentary to TIEMS. TIEMS support the

Forum and encourage TIEMS members to join as members. The Forum arranged its first successful conference as a self governed forum in Brussels in November 2009.

For further details please see <http://www.publicsafetycommunication.eu/>

## ETEA SICUREZZA SRL, Italy



ETEA Sicurezza SRL an engineering society established in 1993, specializes in industrial safety, including Personnel Safety, and Industrial and Civil Safety and Security.

Sponsor of the TIEMS 2009 Annual Conference

## TIEMS Sponsorship

TIEMS Events would not be possible without the support of our members and sponsors, and our thanks once again go to the sponsors of last year (2009) featured on this page. We also wish to use this opportunity to remind companies / organisations who wish to raise their profile to Emergency Management professionals in 2010 that opportunities still exist.

For further information and to discuss options available please contact [TIEMS.sponsorship@gmx.co.uk](mailto:TIEMS.sponsorship@gmx.co.uk)

### GE Security EMEA



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GE Security, a subsidiary of General Electric, is focused on the communication and information technologies for security, safety and lifestyle enhancements.

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[www.harmony.en.china.cn](http://www.harmony.en.china.cn)

Established in 2002, Harmony Technologies Co., Ltd (HARMONY) is the biggest solution provider in China for Emergency Management System ICT platform construction.

Sponsor of the TIEMS 2009 Annual Conference

# Climate Change: An Issue for National Security

From Steve Jenkins, TIEMS Director for Australia and Oceania

Climate change is an increasingly pervasive issue which is certainly worthy of inclusion in the concept of national security, asserts Professor Will Steffen, Executive Director, ANU Climate Change Institute & Science Advisor of the Department of Climate Change.

Professor Will Steffen, who will be addressing the 8th Annual National Security Australia conference in Sydney on the 25th – 26th of February 2010, says climate change is "challenging some of the fundamental ways in which societies are supported", such as food production, water resources, and urban infrastructure. Climate-driven impacts in these areas can lead to the displacement of people, and consequently to geopolitical tension.



"The impact of climate change on Australia's security may well be based on the impacts in the region around us rather than on direct impacts to Australia," he said.

For example, Professor Steffen argues that a particularly significant issue is water resources, where changes in flow and water availability in some parts of Asia will create severe challenges to food production, leading to security issues when large numbers of people migrate out of regions where there is growing water stress.

"...the large Himalayan glaciers are retreating quite rapidly and the latest projections are that they may disappear completely around the middle of the century," he warned. "At least a billion people rely directly on this resource to support their food production."



Professor Steffen asserts that climate change is a problem for which traditional solutions to national security may not work.

"Climate change is such a fundamental problem and so long-term that it's different from most problems that humans have faced in the past. That means that traditional approaches like strengthening national borders or similar actions may not work very well in dealing with climate change."

Professor Steffen will describe the basic features of climate change to give delegates a better understanding of the pervasive nature of the problem, and the implications for national security.

For more information visit [www.nationalsecurityaus.com](http://www.nationalsecurityaus.com) or contact Lauren Kirby on +61 2 9080 4009 or email [lkirby@iir.com.au](mailto:lkirby@iir.com.au)

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10% TIEMS Member Discount



# NATIONAL SECURITY AUSTRALIA 2010

[www.nationalsecurityaus.com](http://www.nationalsecurityaus.com)



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**Disaster  
Recovery**

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# **Asia-Oceania Resilience 2010 2-day Conference**

**5<sup>th</sup> - 6<sup>th</sup> October 2010  
Singapore**

**Venue** PARKROYAL on Kitchener Road

**Fees** SGD 495 (IAEM Members) for 2 days

SGD 645 (Non IAEM Members) for 2 days

Check your currency exchange rate in [www.xe.com](http://www.xe.com)

Event Endorsed by:



[www.tiems.org](http://www.tiems.org)

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# ENVIRONMENT & PROGRESS 2009

Environment – Research, Protection and Management, 05 - 08  
November 2009, Cluj-Napoca, Romania  
by Giedo Van pellicom, TIEMS Registration Officer

The Faculty of Environmental Science at the BABEȘ-BOLYAI University (BBU) in Cluj-Napoca Romania organized a workshop on Environment and Progress. The full program of that 4 day workshop can be found at <http://enviro.ubbcluj.ro/evenimente/PROGRAM%20final%20E&P%202009.pdf>.



Not only were different members of the TIEMS Romanian Chapter involved in the organization of these workshop, but two distinguished members of TIEMS were invited as speakers.

Giedo Van pellicom, TIEMS Principal Registration Officer, spoke about the initiative taken by TIEMS to develop the EDIMA-CERT® program. He discussed the foreseen cooperation between educational institutes, industrial partners, TIEMS chapters and TIEMS INPA. After his contribution interested parties, ranging from students, governmental institutes, and industry, expressed questions about possibilities for future cooperation on the program.

Dave Barry, also spoke about “Landfill Gas Emissions from Municipal Solid Waste (In the Context of Global Atmosphere Effects)”. His interesting presentation demonstrated the use of landfill gas in gas powering generators, which create energy with a low pollution effect. There are dual benefits from this because first; there is no escape of methane gas, contributing to climate change effect, and the second that the gas is used in highly efficient engines that change the gas to energy and warmth.



Alexandru Ozuno, Professor at the BBU faculty of Environmental Science and President of the Romanian TIEMS chapter, spoke about “Scientific Challenges in Implementing Integrated Disasters Risk Management”. He proved once again that Risk Management is the basic of good prevention management. He also highlighted to the audience the link between the theoretical knowledge and the practical implementation of ‘in the field’ Risk Management.

The last day of the conference took delegates on a field trip to the Rosia Montana Gold Mine, in the district of Aurelia. The Romanian state has been contracted by a Canadian company to lead the environmentally friendly exploration of the mine site, where the soil is told to contain approximately 1 gram of gold in every 1000 kilogram of soil. The soil will following the mining be used to do some landfill and restore the area, so environmental friendly recreation and tourism will be possible after the end of the project. This means that the project will have a positive influence on both the environment on the social network of the area.



# 2009 Shanghai International Exhibition & Forum on Metropolitan Public Safety

## And 6th Digital China Development Forum December 10th – 13th 2009

### By TIEMS China Chapter

Established in June 2009, the TIEMS China Chapter (TCC) brought together specialists, researchers, government officials and practitioners within the emergency management and public safety domain, dedicated to promoting the application of advanced emergency management theory and technologies in emergency treatment in China. Introducing China's experience in emergency management to all TIEMS members, since its foundation, besides the accomplishments in scientific research and communication, TCC has focused on preparations for TIEMS 17th Annual Conference in Beijing.



TIEMS China Chapter Foundation  
(Zhang Ji & Qu Quosheng)

TCC decided to arrange two senior workshops as the warm-up activities of the 17th Annual Conference:

“2009 Shanghai International Exhibition & Forum on Metropolitan Public Safety” On December 10th-12th 2009, in Shanghai Exhibition Centre, with the theme of “A Safe City for Better Life”.

TIEMS president K. Harald Drager, TIEMS Principal Registration officer Giedo Van Pellicom, TIEMS Secretary General Andreas Clessienne and Martin Von Bergh paid a special visit to Shanghai to participate in this special workshop as guest keynote speakers.



TIEMS Members at the Shanghai Forum

The forum covered a wide range of topics including disaster prevention, emergency command communication, disaster disposal, rescue and guarantee, and relief construction, displaying the latest achievements of Chinese government in emergency prevention, disaster rescue and disaster reduction.

On Dec 12th, TIEMS arranged a special section concentrating on the preparation of TIEMS 17th annual conference and TIEMS long-term development strategy.

Firstly, President K. Harald Drager gave a keynote speech with the title of “Good Public Safety Communication is vital for City Safety”, emphasizing the significance of good communication. Then, Martin Von Bergh introduced the TIEMS Education and Certification project which he's responsible for.

TIEMS Director for Asia-Pacific Area, Mr. Qu Quosheng, shared his research about the Wenchuan earthquake focussing on catastrophe response and strategy for rescue and disposal. Followed by Dr. Zhang Ji (TIEMS Director for Communication and Publication), presenting on the protection of the Chinese National Critical Infrastructure indicating the trend of emergency management in China.

The next event was the 6th Digital China Development Forum (DCDF2009), on December 12th-13th, a TCC co-sponsored workshop with total of four participants from

government officials, renowned academicians, experts and researchers, and entrepreneurs from countries all over the world. The topics covered ranged from digital disaster reduction and emergency management, wireless city and E-government, Digital Park, Digital Ocean, Digital economics and industries to Digital energy sources and resources, digital health, Satellite navigation application and local service, etc.

TIEMS President K. Harald Drager together with TCC Vice Presidents Mr. Qu Quosheng and Mr. Li Jing addressed the opening ceremony. Mr. Qu and Mr. Li also hosted the “Digital Disaster Reduction and Emergency Management” forum on 13th Dec.

TIEMS President K. Harald Drager delivered a splendid presentation on “Global development in Emergency management”, summarizing the latest developments within the field of emergency management, pointing out the future development trend. And Giedo Van Pellicom (TIEMS Registration Officer), also introduced to the event the newest TIEMS Education and Certification Program.

TCC vice president Mr. Li Jing gave a speech with the theme of “Digital Shifang and the control on after-earthquake reconstruction” and introduced the control experience and method applied in the after-earthquake reconstruction in Shifang which is a severely afflicted city in Wenchuang Earthquake.

At a later time, TCC Secretary General, Dr. Zhang Ji, shared his research of “Four types of emergency management digital platform and its development”, analyzing the features, similarities and differences of the four types of digital platform.



Delegates at the Forum



TCC Secretary General Mr. Zhang Ji at the Forum

At the end of the workshop, the President of TIEMS, K. Harald Drager, expressed his heartfelt thanks too all TCC members for contributing so much to the workshops and the preparation of TIEMS 17th Annual Conference.

He also praised a number of participants who delivered the findings of their research and called on all the participants and delegates to submit and publish their latest research by TIEMS platform and networks including the forthcoming TIEMS 17th Annual Conference.



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# Present and Future of Crisis Management 2009

## 11<sup>th</sup> International Conference, Prague, 23rd – 24th of November 2009

### By Jaroslav Pejcoch

This traditional Prague event has been organized by T-SOFT with TIEMS, and Czech universities which are active in the area of risk management and emergency management such as The University of Defense in Brno, Czech Police Academy, Crisis Management Institute of the University of Economics in Prague, AFCEA Czech Chapter, Czech National Committee of ISDR.

The main topics of the conference concerned the historical consequences of crises and there was discussion about the crises of the past and lessons for the future.

Experts from several continents gathered and discussed the emergencies and their treatment in the past. There were many similarities discovered, but one completely new phenomenon of today – information technologies and their essential influence on the critical infrastructure and potential collapse.



Delegates at the Prague Workshop

The first day plenary session was concentrated mainly to the common base of threats and the corresponding risk management in the past and in the present. There were interesting contributions from bursar of Tomas Bata University in Zlin Mr. Cerny, who stressed the increasing frequency of catastrophes and increasing complexity of systems, which by one click may influence important things around the globe.

TIEMS president Mr. Harald Drager in his opening address also emphasized the role of ICT systems for rescue operations, and stressed the need of collaboration rather than competition in this area. "Think globally and act locally" as a key TIEMS message was used to explain the

idea that money is not enough to treat the crisis, but that collaboration is essential, a message re-enforced in the closing address by Vaclav Cilek from the Czech Academy of Sciences. Mr Drager stressed the exceptional level of the rescue operations in China, especially during the earthquake in 2008. A similar message was also brought by Gen. Svoboda of the Ministry of interior of the Czech Republic, who reminded of international activities in several countries and the importance of the security research.

Alun Evans from the U.K. spoke about lessons learned from pandemics and the important role of academics and research in response to these. This message crossed boundaries to with the presentation from Mr. Tuma from the Morava river basin directorate describing the advanced technical support and notification systems used in flood situations.

Jacque Olang from Nairobi, Kenya introduced the historical development and current situation in Africa to prepare a common strategy to build the infrastructure, and enable the fair distribution and use of resources to respond to emergencies.

Andreas Gatz pointed to the increasing complexity of systems and necessity of their better security to avoid collapse of the infrastructure.

The discussions continued into the evening at the Prague castle, where the participants had a chance to listen to the Moravian folk music, before the second conference day focussed on crisis and security management.

Special attention was paid to information security as the Czech Republic undertakes a big step in the e-government implementation. The possible risks associated with the massive deployment of ICT and ways how to stay on the safe side were discussed.

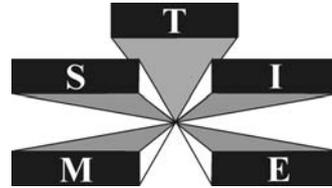
The conference demonstrated there are many things we can learn from the past, but there are also some new phenomena, which have never existed before and require special attention in the future.

## ... NEWS FLASH ...

### TIEMS Logo Re-design

After almost 17 years with the current TIEMS logo the TIEMS Board of Directors is currently reviewing the current TIEMS Logo with a view to replacing it with a new more dynamic, vibrant one, to better represent the organisation, its focus and diversity.

So from this...



to...



**Watch this space as work continues...**

The TIEMS directors have already considered numerous prospective designs, and taken on board comments from the last annual conference. The three most popular designs are now being reviewed by a professional who will prepare some for further consideration based on one or more of the popular designs. The Board are desirous of unveiling the new logo at the 17th Annual Conference in Beijing, China - 8th to 12th June 2010.



**Got a question...**

If you have any questions regarding the new TIEMS Logo please contact Steve Jenkins on [Steve.Jenkins57@bigpond.com](mailto:Steve.Jenkins57@bigpond.com)

# TIEMS Korea Chapter Founded

Following good relations with South Korean emergency & disaster community and activities of Korean TIEMS members, the TIEMS Korean Chapter was formerly established this fall.



TIEMS Korean Chapter is the fourth TIEMS chapter to be formally approved and the board congratulates the chapter and all those involved in its formation and wish them fruitful work. The board also hope to welcome other chapters to build TIEMS activities globally!

The TIEMS Korean Chapter will be responsible for the local TIEMS activity like workshops supported by TIEMS International, and special thanks go to Lee Young-Jai, former TIEMS vice-president, who did a great job during formal establishment of Korean Chapter. The key persons of the TIEMS Korean Chapter are: Cho Won-Cheol, President; Lee Young-Jai, Secretary; Ryu, Ji-Hyeob, Treasurer.

If you are interested in the Korean Chapter please contact Lee Young-Jai on [yjlee@dgu.edu](mailto:yjlee@dgu.edu)

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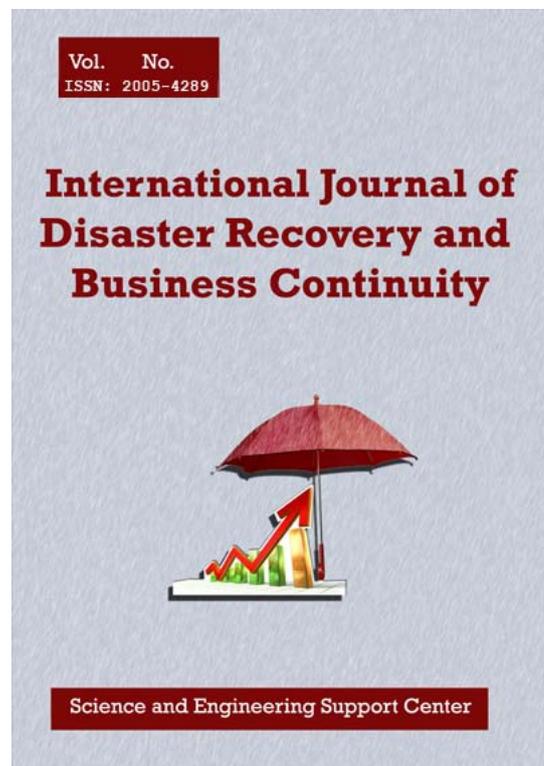
## General Cooperative Agreement Between TIEMS and SERSC

In order to advance friendly relations Dr. Haengkon Kim, SERCS President and K. Harald Drager, TIEMS President, in October 2009, signed an agreement on the promotion of educational and academic exchanges between the two institutions.

They agreed that both institutions will make every reasonable effort to encourage direct contact and research cooperation between their members. Implementation of this agreement commenced from the date of signing and this agreement will continue thereafter for three years.

Various types of cooperation are included in the agreement, including:

- Joint research activities in disaster recovery and business continuity
- Free publication of TIEMS members' papers in IJDRBC (International Journal of Disaster Recovery and Business Continuity) hosted by SERSC



<http://www.sersc.org/journals/IJDRBC/>

- IJDRBC journal special issue assignment to all events hosted by TIEMS
- Discounted registration of TIEMS members who submitted papers to all events hosted by SERSC
- Exchange of key members (SERSC will invite TIEMS chair or Directors to some conferences hosted by SERSC with full financial support, and can dispatch 1 or 2 Directors to some conferences hosted by TIEMS. TIEMS can provide 1 or 2 free registration to SERSC Directors).
- Exchange of academic materials and academic publications (SERSC will provide free online subscription of all papers and books published by SERSC to TIEMS members. TIEMS will provide 2 proceedings of each conference hosted by TIEMS to SERSC)



SERSC (<http://www.sersc.org>) is an international centre for supporting distinguished scholars and students researching various areas of Science and Technology. SERSC wishes to provide opportunity for academic and industry professionals to discuss recent progress in various areas of Science and Technology.

Organising many international conferences, symposia and workshops every year, and provides sponsor or technical support to researchers who wish to organize their own conferences and workshops, SERSC also publishes high quality academic international

journals in various areas of Science and Technology.

Researchers of the TIEMS Community are invited to submit papers for International Journal of Disaster Recovery and Business Continuity  
<http://www.sersc.org/journals/IJDRBC/>

IJDRBC aims to facilitate and support research related to disaster recovery and business continuity technology and the applications. The topics covered by IJDRBC include the following:

- Case studies and lessons learned
- Coordination in crisis situations
- Crisis management, management system
- Decision making process in rapidly emerging crisis
- Energy, Environment and Sustainable Development
- Environmental protection / Climate change
- Environmental Management and Monitoring
- GIS in emergency management
- Health emergencies and response
- Humanitarian crises
- Information and communication technologies
- Operative forces and their organizations
- Psychological and social approach in crisis situations
- Risk assessment, management, professional practice
- Technologies and Equipments for Environmental Assessment and Protection
- Terrorism and security
- The role of press & mass media in crisis situations
- Training and education
- Others



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The International Emergency Management Society–China Chapter, 1st Annual Conference  
 June 8–12, 2010

# TIEMS-EDIMA-CERT®

## International Emergency & Disaster Management Certification Program By TIEMS Working Group on TIEMS-EDIMA-CERT®

Following the workshop during the annual conference in Istanbul TIEMS continues to promote its' concept for developing a program for an international certification of emergency and disaster managers. Led by TIEMS Education & Certification Officer Dr. Martin von Bergh a small team worked on introducing the program to the European universities and other important bodies. Furthermore, Dr. von Bergh promoted the Program in China during his visit to Shanghai in December 2009 for the International Exhibition & Forum on Metropolitan Public Safety. A more detailed plan will be elaborated soon.

TIEMS President K Harald Drager commenting on the program said "I strongly believe that this program is needed, and is welcomed by the global emergency and disaster management community. Furthermore I believe strongly in educating children early in school about risks and hazards, and for this reason a subset of this program is an interactive learning program for children. We will start this in China in 2010 and in cooperation with educational authorities to achieve the best practice on introducing this program into elementary schools."

For those who are not familiar with TIEMS-EDIMA-CERT® here is a brief introduction.



Dr. Martin von Bergh at the Shanghai Forum

Accidents and disasters are part of our daily life, and over time we have developed systems, organisations and means to avoid, mitigate and recover from these events. Today we share a global understanding and have developed

cross-border co-operations and international help in the face of unfortunate events. Knowledge and experience are accumulated and made available to everyone through databases over the internet and theory and practical courses are available worldwide in universities and training centres. The TIEMS-EDIMA-CERT® concept offers a certification with universities and training centres, who already offer courses and training in Civil Emergency and Disaster management or intend to do so in the future. As an international platform of experts in this particular field, TIEMS creates a training catalogue and this defines the basic training structure the universities have to follow in order to receive the certification. The teaching content follows the latest ISO standards and International Workshop agreements. An official certification body will do the audit and TIEMS will afterwards pass on the certificate to the universities graduates.

Additionally to these passive certification activities the TIEMS Education and Certification Team intends to create its' own training program which will start off with smaller training associated with TIEMS conferences and develop into a full scale training program for Emergency and Disaster Management. An education and training model is sketched with thematic topics following the latest ISO standards. The actual training will be performed by a network of international elite universities. Each university (only one per country) will focus on one disaster area which they reach excellence for through the exposure in their own country (e.g. China: Earthquakes). Two proposed education levels are intended to offer: Master and Doctor's degrees in Emergency and Disaster Management. The program will be the first real international training compared with existing courses and training available today in emergency and disaster management.

People involved in this field have different education and practical background, and some may have a title of emergency and disaster managers or similar. However, there is no worldwide standard for the education and training of a professional titled Emergency and Disaster Manager and accordingly their certification. Some schemes exist, but none fulfil

the goal of being used and recognized worldwide.

TIEMS has developed an international network of professionals working with disasters and emergencies, and these individuals represent; universities, institutions, training centres and companies involved in the professional work of avoiding, mitigating and recovering from accidents and disasters. Through this network, TIEMS has started investigating the possibility of establishing an international training and certification scheme for Emergency and Disaster managers.

Based on findings, a proposed R&D project is briefly outlined, and interested parties were invited for discussion of the concept in a workshop during TIEMS Annual Conference

2009 in Istanbul. After a broader discussion some steps proposed so far are:

- Establish the TIEMS-EDIMA-CERT® Expert Group (discussion in Istanbul)
- Prepare the Catalogue draft
- Select pilot partners
- Prepare the evaluation procedures and tools
- Pilot trial with educational partners
- Offer the first TIEMS training program with international certification during the annual conference in Beijing
- Incremental development of information services (website, e-testing, ...) for the candidates and partners.

We hereby invite those who are interested in participation in this TIEMS project to contact us; Dr. Martin von Bergh ([mail@m-vb.de](mailto:mail@m-vb.de)) and Giedo Van pellicom ([vpd@skynet.be](mailto:vpd@skynet.be))

## TIEMS Member Benefit

The following event has been endorsed by TIEMS and all members of the society qualify for a 10% discount off the registration fee. Please contact the organisers for further details.



25th – 26th February 2010 :: Amora Hotel Jamison, Sydney

### Featuring key contributions from:

- Duncan Lewis, *National Security Advisor, Department of Prime Minister & Cabinet*
  - Tony Negus, *Commissioner, Australian Federal Police*
  - Ian McKenzie, *Director, Defence Signals Directorate*
  - David Irvine AO, *Director General of Security NEW!*
  - Mike Pezzullo, *Chief Operating Officer, Australian Customs & Border Protection Service*
  - Steve Lancaster, *National Manager Counter-Terrorism, Australian Federal Police NEW!*
  - Assistant Commissioner John Yates QPM, *UK National Lead for Counter-Terrorism & Allied Matters*
  - Ralf Zimmerman, *Crime Intelligence Officer, Financial & High-Technology Crimes Division, INTERPOL*
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# Forthcoming Events / Conferences

TIEMS is dedicated to highlighting to its members events and conferences, which we feel may benefit your professional development in forthcoming months.

TIEMS members and friends are encouraged to submit information about forthcoming events that may be of interest for the TIEMS community to [alan.jones@westsussex.gov.uk](mailto:alan.jones@westsussex.gov.uk) and we will endeavour to publish it in the most appropriate issues.

## January 2010

### **Mainstreaming Disaster Risk Reduction into Local Governance**

25<sup>th</sup> – 29<sup>th</sup> January 2010

Manila, Philippines

This course increases local authorities' knowledge of urban development and disaster risk reduction, builds training capacity, and helps at-risk communities create safer and more sustainable development.

<http://www.adpc.net/v2007/>

## February 2010

### **National Evacuation Conference**

3<sup>rd</sup> – 5<sup>th</sup> February 2010

New Orleans, Louisiana

This conference encourages an interdisciplinary exchange on a range of evacuation issues, including mass evacuations, challenges of special needs, evacuation planning and modelling improvements.

<http://www.nationalevacuationconference.org>

### **Ninth International Workshop on Seismic Microzoning and Risk Reduction**

21<sup>st</sup> – 24<sup>th</sup> February 2010

Cuernavaca, Mexico

This workshop discusses earthquakes, earthquake engineering, seismic hazard assessment and risk, and earthquake disaster management in urban areas.

<http://eventos.iingen.unam.mx/9thIWSMRR/e>

[n/index.html](#)

### **Modelling Floods**

22<sup>nd</sup> – 27<sup>th</sup> February 2010

Newcastle, United Kingdom

This course introduces the theory and practice of flood risk modelling using flood estimation frameworks, as well as a flood risk management context.

<http://www.ncl.ac.uk/cegs.cpd/cpd/floodmodel.php>

### **National Security Australia 2010**

25<sup>th</sup> – 26<sup>th</sup> February 2010

Sydney, Australia

National Security Australia 2010 is well timed to address the issues facing the industry. The program includes contributions from the NEW AFP Commissioner and the recently appointed National Security Advisor plus an exciting assemblage of new speakers.

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

## March 2010

### **5<sup>th</sup> International Conference on Pedestrian and Evacuation Dynamics**

March 8-10, 2010

Gaithersburg, Maryland

This conference will address the changing dynamics evacuation.

<http://www.bfrl.nist.gov/info/PED2010/registration.htm>

## April 2010

### **TIEMS 1<sup>st</sup> Latin America and Caribbean International Workshop**

13<sup>th</sup> - 14<sup>th</sup> April 2010  
Santiago de Chile

Completing the introduction of TIEMS in all six regions of the world, this regional workshop promises to be a highlight for the TIEMS calendar. Details being finalised;

[www.tiems.org](http://www.tiems.org)

### **Partners in Emergency Preparedness Conference**

6<sup>th</sup> – 7<sup>th</sup> April 2010  
Tacoma, Washington

Emergency preparedness efforts through outreach. Topics include earthquake research, contingency planning, school safety, public health preparedness, homeland security, and public information.

<http://capps.wsu.edu/emergencyprep>

### **2010 Hazard Mapping and Environmental Summit**

8<sup>th</sup> – 15<sup>th</sup> April 2010  
Manila, Philippines

Investigating risk mapping approaches in the Philippines and other tropical countries. Establishing necessary preparedness plans and estimating the cost of implementing safety measures will also be covered.

<http://resourcerecovery.wordpress.com/2009/10/16/ecology-2010-summit-in-manila/>

## May 2010

### **The International Policing Exhibition & The ACPO-APA Summer Conference**

11<sup>th</sup> – 13<sup>th</sup> May 2010  
Manchester, UK

is the main annual event for suppliers, buyers, specifiers and users of all products and services for policing.

[www.acpo-apa.co.uk](http://www.acpo-apa.co.uk)

## June 2010

### **TIEMS 2010 – 17<sup>th</sup> Annual Conference**

8<sup>th</sup> – 12<sup>th</sup> June 2010  
Beijing, China

TIEMS 17th Annual Conference will devote itself to continual improvement of our ability, both nationally and internationally to avoid, mitigate, respond to, and recover from emergencies and disasters.

[www.tiems.org](http://www.tiems.org)

## October 2010

### **IAEM's Asia-Oceania Resilience**

5<sup>th</sup> – 6<sup>th</sup> October 2010  
Singapore, China

Bringing together, for the first time in Asia, security, emergency management, crisis management, business continuity management, risk management, professionals from 29 countries to learn about products and services that support corporate and community resilience.

<http://www.iaem.com.sg/Asia-Oceania-Resilience-2010.htm>

### **IAEM 58th Annual Conference & EMEX 2010**

30<sup>th</sup> October – 4<sup>th</sup> November 2010  
San Antonio, USA

The IAEM Annual Conference provides a forum for current trends and topics, information about latest tools and technology in emergency management and homeland security, and advances IAEM committee work.

<http://iaem.com/events/Annual/intro.htm>

### **MORE EVENTS AND INFORMATION ON THE TIEMS CALENDER [WWW.TIEMS.ORG](http://WWW.TIEMS.ORG)**

If you would like to publicise your event please email details to:

[alan.jones@westsussex.gov.uk](mailto:alan.jones@westsussex.gov.uk)