



The International Emergency Management Society



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

## TIEMS President's 2011 Annual Report

### Foreword

*While preparing the TIEMS President's annual report for 2011, I received the news that an earthquake and tsunami hit Japan 11<sup>th</sup> March, with devastating consequences. I therefore, on behalf of TIEMS membership would like to express my deepest sympathy for the Japanese people and our Japanese friends for the loss of lives and suffering due to the devastating earthquake and following tsunami which hit Japan 11<sup>th</sup> March morning.*

*Every loss of life in a disaster is a tragedy and results in suffering for family and friends, although the material damage, despite being enormous, can be rebuilt. However, looking at the shocking pictures from the flooded areas, it could even have been a larger tragedy, like the tsunami in the Indian Ocean in 2004, if it had not been for the preparedness of the Japanese people to disasters. The Japanese government and experts are probably the best in the world in disaster preparedness and the rest of the world should learn from this.*

*On behalf of TIEMS I would like to express my support and encouragement to all world experts to focus even more in their scientific work in the future on prediction models and early warning systems, in order to hopefully be able to initiate evacuation as early as possible when a disaster strikes. Finally, I would like to encourage our international network of experts to be supportive and to help the Japanese people in this situation in every way they can.*

*As I address Japan in my opening, other disasters also occurring in the beginning of 2011 should not be forgotten, but Japan needs all our attention and support now!*

*Also 2010 was a huge reminder of the risk and consequences of natural hazards with devastating earthquakes in Haiti and Chile, the latter with a following tsunami, the huge storms in Europe, mud and landslides in Brazil and Sudan, cold weather and heavy snow in China, floods in Pakistan, Tanzania and Indonesia, drought in South Africa, and many, many more. Almost every day of 2010, a natural disaster happened somewhere in the world. In addition, the explosion and heavy pollution in the Gulf of Mexico from the oil spill from Deepwater Horizon is one grave example of the enormous consequences of industrial accidents as well. I therefore like to emphasize that, preparation through systematic risk analysis of potential hazards of areas at risk and industrial activity, development of reliable prediction models and warning systems, and putting heavy focus on thorough pre-disaster planning, will help reduce the consequences of natural hazards and industrial accidents, and make rebuilding and getting the society back to normal much faster.*

## **The International Emergency Management Society (TIEMS)**

*TIEMS role in emergency and disaster management and disaster response is expressed by the following mission statement:*

*TIEMS is a Global Forum for Education, Certification and Policy in Emergency and Disaster Management and is dedicated to developing and bringing the benefits of modern emergency management tools and techniques and best practice to society for a safer world, through exchanging information of the use of innovative methods, technologies and operations to improve society's ability to avoid mitigate, respond to and recover from natural and technological disasters.*

*TIEMS provides a platform for all stakeholders within the global emergency and disaster management community to meet and network, learn about technologies and operational methods, and exchange experience on best practice, and influence policy makers worldwide to improve global cooperation and establish global standards within emergency and disaster management.*

*To achieve above mission, TIEMS focus is:*

- *Raising awareness on technical solutions from computers, communication, information technology and social sciences in providing emergency and disaster managers with helpful decision support*
- *Providing a forum for policy guidance to governmental bodies concerning the management of emergencies and disasters*
- *Bringing the modern tools of emergency and disaster management into market place to help provide high quality emergency and disaster management practices around the world*
- *Addressing emergency and disaster management in the context of its implications to the environment and the society*
- *Monitoring the evolution of the best practices in emergency and disaster management throughout the world*
- *Making a multi-disciplinary "all-hazards approach" to tackling emergencies*
- *Bringing together stake-holders such as governmental, industrial, academic, and volunteer organizations and other expert individuals in emergency and disaster management*
- *Raising awareness on research and future developments of technologies from various diverse fields such as simulation, operations research, knowledge based systems, decision support systems, information systems, psychology and other behavioral sciences*
- *Propose, initiate and participate in relevant research activities and contribute to global standards within emergency and disaster management*
- *Contribute to improve the education of emergency and disaster managers and initiate certification of emergency and disaster managers and equipment and methods*
- *Help and stimulate students to increase the global interest for emergency and disaster management studies and increase the common knowledge in society on risk management, potential hazards and means and remedies to avoid or reduce the impact and for a speedy recovery from emergencies and disasters*

*The following means are chosen to achieve TIEMS mission:*

▪ **Think Globally and Act Locally**

TIEMS is building a global organization by establishing national and regional chapters worldwide, which will build up local emergency and disaster management activity, and belong to and support the international network of TIEMS. All local members are members of TIEMS international, and belong to TIEMS global network. This way local and regional as well as international experience is shared within TIEMS global network.

▪ **International Conferences, Workshops and Exhibitions**

TIEMS arranges every year an annual conference and exhibition, which moves around the world hosted by a local TIEMS chapter in cooperation with local organizations and institutions. The conference program consists of invited keynote speakers, presentation of submitted papers and posters and workshops on actual subjects of interest and exhibitors. A social program, focusing on the cultural history of the host country and region, gives an added value to the conference delegates.

In addition every year, TIEMS Chapters in cooperation with local organizations and institutions arrange workshops and exhibitions in their region, focusing on local and national topics of interest and inviting international speakers that can share experience with the local participants.

▪ **Web-site, Library, Electronic Newsletter and Agreement with International Journals**

TIEMS web-site is TIEMS main communication channel with its members and the global emergency and disaster management community. All presentations made at TIEMS conferences and workshops are stored in the TIEMS library, which is to be accessed by TIEMS members over the TIEMS web-site. This is a unique library of emergency and disaster management knowledge, ideas and experience since TIEMS first annual conference in Fort Lauderdale in USA in 1994. Every annual conference and workshop also issues after each event proceedings either on paper or/and CD, which is given to the participants of the events.

An electronic newsletter has been created for the TIEMS website, and is issued 2 – 4 times a year, with information from TIEMS and containing key papers which are found to be of global interest for the emergency and disaster management community. TIEMS also has agreements with international journals covering emergency and disaster management issues, and selected papers from each annual conference and workshops are invited to be published in the journals.

▪ **Initiate and Participate in Global Research and Technological Development (RTD) Projects**

TIEMS global network of experts is a valuable resource of emergency and disaster management knowledge and experience. It is important that this knowledge is incorporated into the formation of a global research program within emergency and disaster management. TIEMS encourages its members and network to propose and participate in global RTD programs.

▪ **Partnership with Relevant Entities**

TIEMS focuses on partnerships and cooperation in order to increase the global visibility of the emergency and disaster management profession and strengthen any message on emergency and disaster management proposals to be sent to the policy makers. Partnerships are formed as Letters of Intent, Memoranda of Understanding or Cooperation agreements.

▪ **TIEMS Global Education, Training and Certification Program**

TIEMS is launching a concept for international education, training and certification of emergency and disaster managers. Universities, institutions, industry and organizations are invited to take part in developing and forming the educational and training program and the examination qualification test used as a basis for certification.

The intention of the educational package is to have one international part and one national/regional part and the certification will be given by TIEMS in cooperation with a network of national certification institutions and TIEMS Chapters.

- **TIEMS Student Support Program**  
 TIEMS Rohrmann Student Scholarship Fund was initiated by Bernd Rohrmann, who donated the basic funds for TIEMS to be able to support graduate students to participate at TIEMS annual conferences. TIEMS encourages further donations to this Fund. This Fund will help research students who wish to come to the annual TIEMS conference and present their research. This financial support will make it possible for students who are lacking financial resources to participate. Students are a future asset, and should therefore be encouraged to join the TIEMS' network as early as possible.
- **TIEMS Special Interest Groups**  
 TIEMS encourages its members to form Special Interest Groups (SGI) for discussing and developing conclusions and recommendations on special topics within emergency and disaster management, and to recruit SGI participants from TIEMS international network of experts.
- **TIEMS Council or Advocacy Forum**  
 TIEMS is establishing a TIEMS Council or Advocacy Forum to become a global forum that can influence policy makers on global emergency and disaster management good practise. The Forum shall be an all stakeholder forum where policy makers, industry and users can meet and network and agree on important global issues in emergency and disaster management. TIEMS global network of Chapters should recruit the members of the Forum in their region. TIEMS International shall form the Secretariat of the Forum, and shall issue conclusions of the Forum to media, etc. Conclusions could be in form of Global Best Practice Recommendations, RTD Roadmaps, White Papers, Press Releases, etc.
- **TIEMS Membership and General Annual Meeting**  
 TIEMS invites membership in the organization. The General Assembly is formed by TIEMS members and is the highest body of the organization to which the Board of Directors and Officers report.
- **TIEMS Board of Directors and Officers**  
 TIEMS Board of Directors and Officers comprises elected and appointed TIEMS members who propose the organizations policy and strategy and perform TIEMS administrative tasks in cooperation with TIEMS Secretariat Members and Officers represent TIEMS in relevant forums and act on behalf of the organization, either as a group or as individuals.
- **TIEMS Secretariat**  
 TIEMS Secretariat maintains TIEMS official registration in Belgium, and is responsible for administrative and juridical functions of TIEMS as a support for TIEMS Directors and Officers. The Secretariat holds all TIEMS archives and membership records. The Secretariat also maintains TIEMS contact with the European Commission. The Secretariat is the responsible web-master, and responsible for posting the latest news on the web-site and sending out TIEMS newsletter. The secretariat also handles all administrative work with TIEMS Annual report and accounting under supervision of the responsible directors. The Secretariat also follows up and maintains the administrative contact with all TIEMS chapters.
- **TIEMS International Program Committee**  
 TIEMS International Program Committee is a global network of emergency and disaster management experts, who are guiding TIEMS in its decisions on thematic topics and the scientific program at TIEMS annual conferences and workshops.
- **TIEMS Paper Review Committee**  
 TIEMS Paper Review Committee reviews submitted papers and posters and guides the authors for their presentations at TIEMS annual conferences, seeing to it that the presentations are of acceptable scientific quality and fulfilling TIEMS Instructions to Authors.
- **TIEMS Annual Action Plan**  
 The General Assembly decides an overall Annual Action Plan for TIEMS. A proposed plan is prepared by the Board and forwarded to the Annual General Meeting in advance. The Board also reports to the General Assembly concerning progress of the Action Plan for the preceding year.

## **TIEMS Achievements in 2010**

*I can report the following main achievements for TIEMS in 2010:*

- *TIEMS has steady progress and is more accepted and known world wide*
- *TIEMS had its best annual conference ever in Beijing in June 2010*
- *TIEMS workshops in Moscow, Split and Seoul were all very successful*
- *TIEMS was generously sponsored by the Chinese company Harmony Technologies*
- *TIEMS Secretariat was established and is a major step for TIEMS professionalization*
- *TIEMS issued three newsletters*
- *TIEMS new board members and officers added value to TIEMS development*
- *TIEMS India Chapter was established and is arranging its first workshops in India in 2011 and is preparing for TIEMS annual conference in 2012*
- *TIEMS chapters working groups were established in Japan, Middle East and North Africa and South East Europe*
- *TIEMS opened dialogues for establishing chapters in Pakistan and ASEAN*
- *TIEMS is in dialogue with IAEM for improving and building out the partnership*
- *TIEMS has established a dialogue and agreement with professional conference organizers which will add value to TIEMS professionalization and development*
- *TIEMS in cooperation with l'Ecole des Mines will arrange a workshop in June 2011 in Alès, France*
- *TIEMS will arrange a workshop in Manila, Philippines in November 2011 in cooperation with local partners*
- *TIEMS is preparing for establishing a research project service for TIEMS members in 2011*
- *TIEMS annual conference in Bucharest, Romania in June 2011, will be a successful follow-up of the Beijing event in 2010*
- *TIEMS Education, Training and Certification Program was re-structured and development started by TIEMS China Chapter*

*The most important achievements for TIEMS in 2010 are detailed in the following.*

### **TIEMS International Network of Experts**

*There is a growing interest in TIEMS worldwide and TIEMS is reaching out to all stakeholder groups in emergency and disaster management in more geographical areas of the world. Since emergency and disaster management and disaster response is the responsibility of the authorities, TIEMS seeks cooperation with the authorities in all our doings and arrangements, and our global and local events are supported by the local authorities wherever the events are arranged.*

*TIEMS objective is to create a meeting place for all stakeholders in emergency and disaster management for an open dialogue and exchange of experience and expertise. This is achieved through moving our annual conference around the world, and arranging local workshops annually in TIEMS chapter areas in cooperation with the authorities, industry and others with an interest in emergency and disaster management. This way TIEMS international network increases and opens up an international dialogue for exchange of local knowledge concerning international expertise in emergency and disaster management.*

### **TIEMS 2010 Annual Conference in Beijing**

*The International Emergency Management Society (TIEMS) 17<sup>th</sup> Annual Conference and TIEMS China Chapter 1<sup>st</sup> Annual Conference and Technical Equipment Exhibition was*

successfully held in Beijing Loong Palace International Hotel from June 9<sup>th</sup> – 11<sup>th</sup>, 2010. This was the first time TIEMS Annual Conference was held in China.

TIEMS 17<sup>th</sup> Annual Conference was organized by TIEMS, jointly hosted by TIEMS China Chapter as well as China National Earthquake Response Support Service (NERSS) and other organizations. Also more than 30 ministries and related units in China relevant to the emergency sponsored the conference.

The conference brought together about 500 emergency management managers, experts, scholars, government officials and business representatives from more than 30 countries and most regions in China.

Under the theme of "Global Emergency Response to Disasters for a Harmonious World", the keynote speeches and sessions are organized according to emergency topics such as global earthquake catastrophe emergency response, rescue and recovery; risk assessment and management & risk analysis simulation techniques; role of NGO in emergency management; training and drills, emergency management education, strategies, tactics, and tools to effectively manage mass casualty incidents; accidents emergency management and cases analysis; smart grid & emergency management, national infrastructure protection plan; China special workshop on emergency management; TIEMS education and certification, global cooperation within the field of emergency management; transportation security, emergency management and technologies, etc.

The number of participants, official representatives, participating experts, technical sessions, exhibitors, the research scope and social program were the most impressive throughout TIEMS history since the founding of TIEMS in 1993.

During the conference in Beijing, many Chinese government agencies and enterprises demonstrated their emergency management cases, products and latest technologies in the field of EM. It was a very good opportunity for the international and domestic emergency experts to communicate and exchange visions, ideas, and solutions. This grand gathering was significantly important not only for China to improve the emergency management standard, but also for the international participants. TIEMS slogan "think globally and act locally" was well demonstrated.

On the third day of the conference, participants visited the newly opened National Earthquake Emergency Rescue Training Base for Urban Search and Rescue. This training base is the largest facility of this type in Asia and the delegates experienced an earthquake simulation, as well as watched a seismic emergency rescue drill.

TIEMS 17<sup>th</sup> Annual Conference strengthened international exchange and cooperation and provided a platform to learn about technologies and operational methods, to exchange experience on best practice and influenced policy makers worldwide to establish global standards within emergency and disaster management.

During the conference, the best research paper award was given to Karen Tindall from Australia for the paper: "Consular Emergency Management: Government Coordination during Large-scale Crises involving Citizens Abroad"

The best practice paper award was given to Kailash Gupta from India for the paper: "A New Philosophy in EOC Design: The case of Rajasthan State of India"

*The best Chinese paper award was given to Ning Baokun for the paper: Preliminary Analysis of the Professional Rescue in Wenchuan Earthquake and Catastrophe Rescue”*

*The Awards were given as 100 USD from TIEMS Korea Chapter.*

### **Published TIEMS Papers in International Journal of Emergency Management**

*TIEMS has an agreement with International Journal of Emergency Management, see <http://www.inderscience.com/browse/index.php?journalCODE=ijem> about publishing a selected no of papers from TIEMS annual conferences. After the Beijing conference the following papers where published in Int. J. Emergency Management, Special Issue: vol 7, no 3 and 4, 2010:*

- *Preface by Nils Rosmuller, Chair of TIEMS Paper Review Committee for the Beijing Conference, Netherlands*
- *“Disaster Preparedness and Response: a Challenge for Hospitals in Earthquake-prone Countries”  
Susan M. Smith, June Gorski and Hari Chandra Vennelakanti, USA*
- *“Design of District Emergency Operations Centres, and the Case Study of Indian Oil Corporation Jaipur Depot Explosion”, India  
Kailash Gupta*
- *“Sensor Data Processing for Emergency Response”  
Yanning Yang, Andrew May and Shuang-Hua Yang, UK*
- *“Dangers of Nanotechnology: Potential Fire Concerns and Safety Frameworks”  
Dejana Dimitrijevic, Serbia*
- *“GuideKeeper Security Concept of Operation”  
Arie Lavie, Israel*
- *“Issues in Identifying Climate Change Adaptation within Community Hazard Mitigation”  
David King, Australia*
- *“Coping with Consular Emergencies: four Key Governmental Coordination Relationships”  
Karen Tindall, Australia*

*This practice with IJEM will continue also for the Bucharest conference. TIEMS is also approached by other journals for publishing of conference papers, so it is expected that more papers will be published in international journals after the Bucharest conference.*

### **TIEMS - Rohrmann Student Scholarship Fund Awards 2010**

*The 2010 TIEMS –Rohrmann Student Scholarships Fund Awards were given to:*

- *Julia Kubanek, Ph.D. student at Karlsruher Institut für Technologie, Germany with the paper titled: "Modelling of Population Dynamics: GIS versus Remote Sensing - A Case Study for Istanbul"*

- *Kailash Gupta, Ph.D. student at University of North Texas, USA with the paper titled: "A new philosophy in EOC design: The case of RAJASTHAN STATE in INDIA"*

## **TIEMS Workshops in 2010**

*TIEMS first workshop in Latin America and Caribbean(LAC) was planned for 13<sup>th</sup> and 14<sup>th</sup> April 2010 in Santiago de Chile in cooperation with Chilean Ministry of Foreign Affairs, the National Emergency Bureau of the Ministry of the Interior (ONEMI), Bomberos de Chile, Asociación Chilena de Seguridad and the Norwegian Embassy in Chile.*

*The full program was worked out, covering such topics as potential earthquakes in Chile. During the workshop TIEMS introduced the possibility of establishing TIEMS chapters in the LAC region that could then join its global network of experts.*

*Unfortunately, on 27<sup>th</sup> February, 2010, the Chilean earthquake occurred and made it impossible to hold the workshop as planned. TIEMS is considering another opportunity to explore TIEMS activities in Latin America and Caribbean and hopes to arrange a workshop in LAC sometime during 2011.*

*During 2010, TIEMS arranged three other workshops:*

- 1. Moscow, Russia, 20<sup>th</sup> May 2010*
- 2. Split, Croatia, 28<sup>th</sup> – 29<sup>th</sup> September 2010*
- 3. Seoul, Korea, 25<sup>th</sup> November 2010*

### **Moscow 2010**

*TIEMS Regional Director for Europe contributed to the organization of the international workshop on seismic safety within the Integrated Safety and Security Exhibition 2010 (ISSE 2010). The ISSE Exhibition is a wide scale integrated action of the Russian federal executive authorities and it was held on May 18-21, 2010 in Moscow, Russia.*

*The joint Emercom, TIEMS and CODATA workshop on seismic safety was held on May 20, 2010.*

*Recent disasters in Chile, Haiti, China, Indonesia, Turkey and many other countries provides evidence that disaster management is of vital concern. It demonstrated that authorities who are responsible for emergency response are lacking prompt and reliable information on the disaster. At the same time, these disastrous earthquakes have shown once again that, all over the world, the preventive measures are most often insufficient; not all countries may at present afford expensive earthquake-resistant construction and/or strengthening of existing buildings. Nevertheless, timely and correct action just after an event can result in significant benefits in saving lives and prompting rehabilitation phases. Information about possible damage and expected number of casualties is very critical for taking decision about search and rescue operations, as well as offering humanitarian assistance.*

*Earthquakes are likely to trigger "secondary" natural events and technological accidents, which should also be taken into consideration in loss computations.*

*To make a loss assessment, various types of data are required. Data on elements of risk and quality of these data greatly influence the reliability of estimation outcome. Impact data of past events are also badly needed for calibrating the whole process.*

*Topics discussed during the workshop were:*

- *Loss assessment in emergency mode*
- *Field survey and rehabilitation preparation*
- *Scenario events consequences and preventive measure plans*
- *Regional vulnerability functions of different elements at risk*
- *Regional seismic intensity attenuation laws peculiarities*
- *Criteria of related hazards occurrence in the case of strong earthquakes*
- *Case studies of loss assessment at urban and facility levels*
- *Past strong event consequences*
- *Databases on population and built environment used for loss assessment*
- *Global impact data management*
- *Earthquake preparedness*

### **Croatia 2010**

*The two-day International Workshop 'TIEMS – CROATIA 2010 - Operating amid Chaos – Standard Operative Procedures and Post-Disaster Recovery' took place in Split on 28–29 September 2010. The workshop was organized by the Regional Centre for Assistance and Disaster Relief (RCADR) in cooperation with the University of Applied Sciences from Velika Gorica and supported by Split-Dalmatian County. The whole event took place under the auspices of the Government and the Ministry of Interior of the Republic of Croatia. Our special thanks and appreciation goes to PAPRAC (Priority Actions Programme/Regional Activity Centre).*

*48 experts in various fields and scientists from 12 countries, as well as representatives of a number of European institutions dealing with protection and rescue actively participated in the Workshop by giving presentations and taking part in the discussions.*

### **Seoul 2010**

*The Korean Society of Societal Security (KSSS) and TIEMS Korean Chapter arranged their 2010 Annual Conference in Seoul 25<sup>th</sup> November 2010. In this meeting, the aim was to provide the opportunity to discuss and acquire extensive knowledge in various fields in order to protect civilians from disaster and hazards by further strengthening societal infrastructure convenience and security.*

*About 110 persons coming from government agencies, private and public sectors, and universities and institutes attended the workshop. 25 papers were presented and 4 special lectures were held. The workshop was sponsored by Korea NEMA, and 12 private firms, and 3 public associations. The following keynotes were presented:*

- *The reality of climate change in Korean Peninsula*
- *Real time disaster management information services*

- *Direction of Cyber security policy in the smart phone area*
- *Development and efficient use of disaster information for disaster reduction*

*The following topics were discussed during the workshop:*

- *Disaster management standard*
- *Disaster mitigation*
- *IT prevention*
- *Disaster Governance*

## **TIEMS Newsletters in 2010**

TIEMS issued three newsletter editions in 2010:

- *Issue no 10: January 2010*

*This edition covered among others the Haiti earthquake, a paper titled: “Climate Change – A national Security Issue”, and an introduction to TIEMS Education and Certification Program.*

- *Issue no 11: May 2010*

*This edition covered among other topics s TIEMS 2010 annual conference Latest News, the papers titled “Earthquakes, Tidal Waves & Volcanic Eruptions – An update from Chile”, “Risk & 3D Terrain modeling” and “Risk Identification and Land Use Planning Risk”. The edition also enclosed a description of the Asian Disaster Preparedness Center*

- *Issue no 12: November 2010*

*This edition covered among other items TIEMS 2010 – Looking back on the event, TIEMS 2011 – Looking Forward, the paper titled “Earthquake prediction – Saving lives in Tokyo” and a description of the Major Risk Institute (MRI): A dedicated platform for major risk assessment and crisis management – Ales, France.*

*All newsletters can be downloaded from TIEMS web-site,  
<http://www.tiems.org/index.php/newsletter>*

## **TIEMS Sponsorship for a Secretariat in Brussels**

*TIEMS was generously sponsored in 2010 by the Chinese company Harmony Technologies, see <http://www.harmonytech.com.cn/web/gongsi/>, for establishing a TIEMS Secretariat in Brussels, Belgium). The Brussels based company Squaris Consultants took on the job from 1<sup>st</sup> November 2010, and the process is ongoing to transfer most administrative activities done by the Directors before to the Secretariat and to get the Secretariat operational with its*

tasks towards TIEMS members and the international emergency and disaster management community.

This is a major achievement for TIEMS, and it means a big step for society towards a more professionalized organization and I trust TIEMS members and those interested in TIEMS and our activities will notice the difference in 2011 onwards.

## **TIEMS India Chapter and its Future Plans**

TIEMS India Chapter was established in 2010 with Madhav Maroju as TIEMS India Chapter President, with a base in Mumbai. Since the establishment of the chapter, the plans and policy for the chapter has been agreed to. A search for a partnership with a professional conference organizer (PCO) company has been the main focus. This was concluded successfully in the beginning of 2011, when a Memorandum of Understanding was signed with Alpcord Network Travel and Conference Management Company, see <http://www.alpcord.com/>. The partnership is based on a win-win situation where TIEMS as a non-profit NGO gets professional services without taking an unacceptable up front risk, and Alpcord can use their professional network to add value to TIEMS operation and gain a bonus through this ideal partnership.

TIEMS India and Alpcord have now worked out a plan for 5 conferences in India from now on until June 2012, when TIEMS Annual Conference will be held in India. The conferences will be arranged in different areas of India, and in cooperation with the authorities and different scientific societies in India. The venues will take place as follows:

- **PUNE Conference**
  - ✓ DATES: 01 - 02 JULY 2011
  - ✓ THEME: SAFETY & SECURITY AIDS FOR URBAN DISASTER MANAGEMENT
- **MUMBAI Conference**
  - ✓ DATES: 23 – 24 SEPTEMBER 2011
  - ✓ THEME: ADVANCED MEDICAL AIDS IN DISASTER MANAGEMENT
- **KOLKATA Conference**
  - ✓ DATES: 16 – 17 DECEMBER 2011
  - ✓ THEME: ADVANCED SAFETY & SECURITY SYSTEMS IN CITIES
- **BANGALORE Conference**
  - ✓ DATES: 09 – 10 MARCH 2012
  - ✓ THEME: ADVANCED ICT IN EMERGENCY MANAGEMENT
- **DELHI Conference**
  - ✓ DATES: 04 – 05 MAY 2012
  - ✓ THEME: NGOs ROLE IN EMERGENCY MANAGEMENT  
FIRST RESPONDERS, REHABILITATION AND RECONSTRUCTION
- **TIEMS 2012 MUMBAI INTERNATIONAL CONFERENCE**
  - ✓ DATES: 05 – 08 JUNE 2012

*For TIEMS this means a new experience in partnership with a PCO, and in having a professional conference organizer to be in the lead. It will certainly add professional value to TIEMS operation and activities. We are already considering this model for use in other chapters and also considering a total TIEMS global model for such a partnership.*

*TIEMS India President Madhav Maraju says that TIEMS India Chapter is extremely timely and will provide the emergency lifecycle management stakeholders in India an unprecedented and unique opportunity to subscribe as members to convene on a common platform with shared goals and vision to promote and showcase knowledge, best practices before key decision makers within the Indian Federal, State and Civic administration, and individuals, non-governmental organizations working at grass roots levels. TIEMS India Chapter shall aim to support the national goals to build a safer and disaster resilient India by developing a holistic, pro-active, multi-disaster and technology-driven strategy for disaster management through collective efforts of all stakeholder community parts of Government, Non-Governmental Organizations, Industries and Corporate entities.*

## **TIEMS New Chapters**

*During TIEMS annual conference in Beijing, TIEMS President and TIEMS Director for Chapters were in contact with delegates from Saudi Arabia, Japan and Italy, investigating the possibility to establish TIEMS chapters in new regions/countries. The approach resulted in TIEMS chapter working groups for establishing chapters in the following regions/countries:*

- *Middle East and North Africa – MENA Chapter*
  - ✓ *Contact persons: Dr Ayman Fadil and Dr. Naill Momani at King Abdul Aziz University in Saudi Arabia*
  
- *South East Europe – SEE Chapter*
  - ✓ *Contact persons: Dr Fausto Marincioni at University of Ancona and Carla Gentili in Italy*
  
- *Japan Chapter*
  - ✓ *Contact person: Dr Maki Norio at Kyoto University in Japan*

*There will be TIEMS workshops arranged in the Middle East in 2011 and the MENA chapter may be established before TIEMS annual conference in Bucharest in June. The Japanese working group has decided to establish the Japanese chapter in 2012, and the Japan Chapter will arrange the TIEMS annual conference in 2014 in Japan.*

*TIEMS President is also in dialogue with contacts in Pakistan and in the ASEAN region about establishing chapters in these areas as well.*

*TIEMS will have focus on Latin America and Caribbean, Africa and Australia, New Zealand and Oceania in the coming year, to see if the first chapters also can be established in these areas. However, TIEMS members from all countries and regions are welcomed to take the initiative to establish chapters in their region//country.*

## **TIEMS Partnership with IAEM**

*TIEMS and IAEM (International Association of Emergency Managers) are the leading international organizations in emergency and disaster management. TIEMS agreed a Letter of Intent for cooperation with IAEM in 2006, since both TIEMS and IAEM believe that joining forces for the benefit of improved global cooperation in emergency and disaster management is the right philosophy. During 2010, TIEMS President and IAEM Directors have had several meetings to explore means and ways to establish a solid platform for TIEMS – IAEM partnership, and 2011 is intended for vitalizing this partnership to the benefit of the international emergency and disaster management community.*

## **TIEMS and Professional Conference Organizers (PCO's)**

*As mentioned under TIEMS India Chapter and its Future Plans above, the international tourist industry with its professional conference organizers, national tourist boards, hotels, agents, etc, are very important partners for TIEMS in arranging international and national events around the world, for seeing to it that TIEMS events are professionally arranged and that potential sponsors and partnerships are explored properly for the events.*

*The dialogue opened and the agreement made in India between TIEMS India Chapter and Alpcord will be observed carefully by TIEMS Board, and the experience made will be a guide for TIEMS and its chapters in the arrangement of future events.*

## **TIEMS Education, Training and Certification Program**

*TIEMS China Chapter has expressed the need for developing a program in China for emergency and disaster education, training and certification, and has therefore taken an initiative to develop such an education program. Such a Program may also be needed in other TIEMS chapters and countries as well, and TIEMS China Chapter is open for cooperation.*

*Other available international education and certification programs are evaluated in this process and their strong aspects as well as weak aspects are considered when addressing TIEMS China Chapter concept. The Program to be developed is first addressed in an international context and thereafter made specific in a pilot project for TIEMS China chapter.*

*TIEMS China Chapter Concept will be based on cooperation with existing expert organisations worldwide, such that the best ideas, best training and best practise worldwide will be represented. The concept will also be based on cooperation with national authorities in different countries in need of such a program, such that the program can be developed to fit in many countries education, training and certification of emergency and disaster management. TIEMS China Chapter will cooperate with the best international experts to develop the international portion of the concept.*

*Pilot projects in different countries together with national authorities responsible for such education and certification and shall develop the country specific portions. Worldwide Universities and Training Institutions will be invited to take part in the Program development, and can be certified to run specific courses and training.*

*The Education and Training Program with concluding Certification Examination will be developed to use in Education and Training of Emergency and Disaster Personnel on all*

*levels Search and rescue personnel, emergency managers, first responders (, including the local Management level) Volunteers and Military will be included, as well as future Trainers*

*All Course materials will be developed in English and the National language of the countries which take part in national pilot projects. The Program will cover Education and Training in all Emergency Phases; Preparedness, Mitigation, Response and Recovery. It will include Courses, Group Work, Table Top Exercises, and Practical Training with a Final Certification Examination. The certification will contain an international part and a local part specific for the country in question.*

*Universities and training centres will be certified for teaching courses and training. It is assumed that a student should be able to be trained and do his/her final exam within 6 months of studying and practical training. Experienced personnel in emergency and disaster management will need to do the same examination to be certified, but courses and training sessions are voluntary. Universities, Colleges, Training Institutions and others with relevant experience concerning courses, training, and certification in emergency and disaster management worldwide, will be invited to participate in developing of the concept and to be certified for teaching courses and training sessions.*

*National Authorities with responsibility for emergency and disaster management education, training and certification will be invited to offer pilot projects in their countries, in cooperation with TIEMS, for developing the specific national portion of the program, including the certification specific to their country*

*TIEMS China Chapter has decided to do one or two TIEMS pilot training courses in China in 2011:*

- *One of the courses will be hold during TIEMS China Chapter Annual Conference in Shanghai 12-14, October 2011*
- *TIEMS China Chapter will establish an international organization structure for the guidance of the development of TIEMS Educational, Training and Certification Program in China Chapter*

*TIEMS China Chapter is also looking for qualified teachers and trainers to do the program, and will invite them to joining TIEMS China Chapter Pool of International Teachers and Trainers. The Teachers and Trainers and their course material will be certified according to TIEMS China Chapter qualification procedure and approved by TIEMS International Advisory Board of Experts after being recommended by TIEMS China Chapter Development Group.*

*TIEMS China Chapter 2011 development plan is as follows:*

- ***Phase 1 – March to May, 2011***

*Completion of outlines for the pilot course(s) and compilation of needed teaching resources. This includes detailed outlines, course materials, evaluation rubrics, and testing materials for the course*

- ***Phase 2 – July to September, 2011***

*Teach the pilot course, 7 – 10 days, followed by testing (or two courses, 5-7 days each) between July and September*

- **Phase 3 – October, 2011**

*Design of the 5 basic course series completed, with expanded outlines and including creation and execution of an exercise specific to the group involved*

- **Phase 4 – November to December, 2011**

*Evaluation by reviewing all observation and evaluation materials from the pilot, along with advisory boards input, to improve the 5 course design and prepare for unveiling of the full project in 2012*

*TIEMS China Chapter will conclude their pilot project by the end of 2011.*

### **TIEMS Annual Conference in Bucharest, Romania in June 2011**

*The Romanian Chapter of TIEMS was founded in 2007, and is managed by the “APELL National Center for Disaster Management Foundation”.*

*The Romanian Chapter has disseminated information on TIEMS to the Romanian public and professionals and made them aware of the benefits of becoming members of TIEMS.*

*The activities developed by the Romanian Chapter of TIEMS have mainly focused on emergency situation management and involvement of the following stakeholders in such situations:*

- *County Inspectorates for Emergency Situations*
- *Local authorities*
- *Industry stakeholders who may impose a high risk to the population and environment*
- *The academic environment who will develop new approaches to research in the emergency management field*

*Since the TIEMS Romanian Chapter was founded, it has hosted several significant impact events in this domain.*

*In recent years, emergency situations caused by natural and technical disasters, especially earthquakes, have required a high level of disaster management and cross-border cooperation. The global change of economic development, the transformation of government services, the conflict of diverse social groups and the rapid progress of modern science and technologies, have resulted in the increasing occurrence and complexity of man-made calamities. This change poses a major threat to the public security of developed and developing countries. All countries around the world should work together to introduce new technologies, and create new research methodologies for high level emergency management.*

*The aim of TIEMS 18<sup>th</sup> annual conference is to improve preparedness and mitigation, to prevent disasters and to ensure that the response and recovery is appropriate, consistent and uses the best available techniques. The theme for the TIEMS 18<sup>th</sup> annual conference in Bucharest is "Natural and Technological Risk Reduction through Global Cooperation".*

*The program in Bucharest runs over four days from 7<sup>th</sup> June to 10<sup>th</sup> June 2011, with keynotes in plenary and breakout sessions with submitted papers as well as tours and social events, thus blending scientific discussions with Romanian history and culture and making it a unique event.*

*There may be as many as 150 presentations, with welcome speeches, 20 keynote speeches, panel debates, 96 approved submitted international papers and posters and between 15 and 30 Romanian papers. All sessions will be run by two chairs, one international and one Romanian. This way we ensure good communication between the Romanian and International experts.*

*The event is supported by Ministry of Regional Development and Tourism, Ministry of Administration and Interior and Ministry of Health, and the delegates will get an opportunity to visit the National Operational Center in Ciolpani.*

*In all ways I TIEMS 2011 in Bucharest will be an excellent follow-up of the superb excellent annual conference in Beijing in 2010, and the delegates can look forward for a memorable time in Romania.*

*There will also be post tours arranged in different areas of Romania after the conference, where the delegates can learn more about Romanian history and culture ( among others the world famous legend of Dracula in Transylvania), and visiting well preserved medieval cities and monasteries.*

## **TIEMS Conferences and Workshops Plans for 2011 - 2014**

*TIEMS already has an extensive program planned for the 2011 – 2014 with the following events:*

- *TIEMS 18<sup>th</sup> Annual Conference in Bucharest, Romania 7<sup>th</sup> – 10<sup>th</sup> June*
- *TIEMS Workshop in Alés, France 22<sup>nd</sup> – 23<sup>rd</sup> June*
- *TIEMS India Chapter Conference in Pune, India, 1<sup>st</sup> – 2<sup>nd</sup> July*
- *TIEMS India Chapter Conference in Mumbai, India, 23<sup>rd</sup> 24<sup>th</sup> September*
- *TIEMS China Chapter Annual Conference in Shanghai 12<sup>th</sup> – 14<sup>th</sup> October*
- *TIEMS Workshop in Manila, Philippines, second week of November*
- *TIEMS India Chapter Conference in Kolkata, India, 16<sup>th</sup> – 17<sup>th</sup> December*
- *TIEMS India Chapter Conference in Bangalore, India, 9<sup>th</sup> – 10<sup>th</sup> March 2012*
- *TIEMS India Chapter Conference in Delhi, India, 4<sup>th</sup> – 5<sup>th</sup> May 2012*
- *TIEMS Annual Conference in Mumbai, India 5<sup>th</sup> – 8<sup>th</sup> June 2012*
- *TIEMS Annual Conference in Japan in 2014*

*Other events are in planning as well in the Middle East, Croatia, Russia, Italy, South Korea and Czech Republic, and they will be announced when details are decided.*

## **TIEMS Members, Officers and Directors**

*The main assets of TIEMS are its members, officers and directors, their expertise and the voluntary work they do in order to develop and promote the society all over the world.*

*I therefore like to thank them all for the work they do and the loyalty to TIEMS and its mission; without them TIEMS could not exist.*

*TIEMS Board of Directors is elected at the Annual General Meeting (AGM), which takes place the second evening of TIEMS Annual Conference. The members make up the AGM, and they make the decisions by their voting in the AGM. At the AGM in Beijing, new board members were elected for a period of three years and TIEMS Board has at present the following board members and positions:*

- *K. Harald Drager, TIEMS President (Norway)*
- *Alan Jones, Vice President (UK)*
- *Charles Kelly, Treasurer (USA)*
- *Ranko Britvic, Director for International Relations (Croatia)*
- *Zhang Ji (Jack), Director for Communication and Publications (China)*
- *Jaroslav Pejcoch, Director for Scientific Program (Czech Republic)*
- *Hans Zimmermann, Director for Policy and Development (France)*
- *Snjezana Knezic, Director for Chapters, SGI's and Membership (Croatia)*
- *Stela Petrescu, Director for Conferences and Meetings (Romania)*
- *Nina I. Frolova, Regional Director Europe (Russia)*
- *Qu Guosheng, Regional Director Asia & Pacific (China)*
- *James Hagen, Regional Director North America (USA)*
- *Jacqueline A. A. Olang, Regional Director Africa (Kenya)*
- *Stephen Jenkins, Regional Director Australia, New Zealand & Oceania (Australia)*

*The Board appoints officers each year for different tasks, and the following officers are appointed for the following functions:*

- *Meen Poudyal Chhetri, Chair of TIEMS Paper Review Committee*

*There are several board positions open for election each year, elected, and all TIEMS members can stand for election. I encourage all TIEMS members to consider taking on a position either as a board member or officer for special tasks. TIEMS needs active and dedicated directors and officers, so I encourage TIEMS members to use the opportunity in Bucharest to suggest their candidacy for either a board or officer position*

## **Common Goals and Benefits in TIEMS**

*TIEMS has been highly instrumental in bringing people and organizations together, being on the path of executing many programs, conducting successful events and planning more, constantly, with TIEMS network and chapter activities. The benefits of being on TIEMS platform can be well ascertained by the participants themselves – like knowing a new area of opportunity for research to a new technology for an implementation initiative. Participants gain access to information on a global level and with constant interactions within or outside TIEMS network - different opportunities emerge to share and gain personal satisfaction in meeting both individual and organization goals.*

*Many experts on TIEMS membership urge this phenomenon to be understood by all members and participants on TIEMS platform and work towards making it much stronger to support with mechanisms that meet individual and/or their representative organizational goals. These mechanisms could lead to exchange of many opportunities on TIEMS platform*

*like a job or temporary research, consulting opportunity for an individual to a consulting business opportunity to an organization. The scope is immense.*

### **TIEMS Future Plans**

*As can be seen from the report above, the year 2010 was a very active and expansive year for TIEMS, but also an important year with a major effort towards increased professionalization with a newly established Secretariat in Brussels.*

*Plans are also laid for the future with events planned up to 2014, and with concrete plans for the development and testing of TIEMS Education, Training and Certification Program in TIEMS China Chapter.*

*New chapters are under establishment and TIEMS slogan of “Think Globally and Act Locally” is demonstrated in a very concrete way. TIEMS is a decentralized organization, where the driving force and momentum of the organization is with the Chapters. The activity level in the established Chapters is clear proof. This requires recognition to the role of the central Secretariat function of TIEMS, how to support the chapters and establish a solid framework and support function from which all chapters can benefit. .*

*The number of submitted papers and posters to the annual conference is increasing, and is giving TIEMS an improved international academic standing. The model for the conference with both English papers and local language papers, with two chairs for each session, one international and one local, assures a good dialogue between the international and local experts. The plans for 2011 is to establish a TIEMS research project service for TIEMS members, where members will be informed of research project calls, for example in EU, and be invited to participate in research projects, where a TIEMS member is taking the project coordinator role.*

*Plans for the future will also assure increased recruitment of TIEMS members and an improved financial situation for TIEMS. However, TIEMS is dependent on dedicated and active participation from its members, directors and officers to reach our goals.*

*During the time the President’s report was written, developments in Japan after the earthquake and tsunami has gone from bad to worse, with now a threatening scenario of a nuclear catastrophe as a consequence following the tsunami, as well as a potential financial crisis as a further consequence of what is happening. It demonstrates that TIEMS has a role to play internationally in education, training and certification and in policy concerning emergency and disaster management and disaster response.*

**Oslo 18<sup>th</sup> March 2011**



**K. Harald Drager**

**TIEMS President**