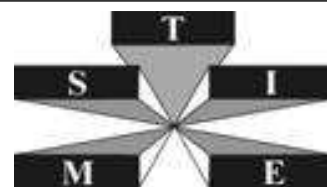


THE INTERNATIONAL EMERGENCY MANAGEMENT SOCIETY

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MESSAGE FROM THE PRESIDENT

We are looking back on a year full of natural disasters; Haiti earthquake, Chilean earthquake and tsunami, Pakistan floods, Australian floods and hurricanes, and not to forget the last Japanese earthquake and tsunami, just to mention some of the disasters. Many lives are lost and families are made homeless and are suffering. Every loss of life in a disaster is a tragedy and results in suffering for family and friends, because the material damage, despite being enormous, can be rebuilt. We need to learn from these disasters and use these lessons learned to develop better methods and systems and advocate for better policies in emergency and disaster management to be standardized and implemented all over the world.

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.

DISCLAIMER: *The opinions expressed herein are solely those of TIEMS and those responsible for the different articles and do not necessarily reflect the views of the Law and Justice. It remains for the National Courts and ultimately the European Court of Justice to interpret the Law. Under no circumstances will TIEMS be liable for any direct or indirect damages arising in connection with the use of this newsletter.*

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TIEMS Mission statement reads:

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.

TIEMS is now in the preparation of many events around the world on emergency and disaster management, and you find references to them in the proceeding part of this newsletter and on TIEMS web-site, www.tiems.org. At these events we will focus on among others on the last disasters and lessons learned. This is the only way we can move forward and be better prepared when a disaster strikes. I hope as many as possible of our readers can join us at one or more of these events and share their experience and learn from others.

In this newsletter is also presented some of TIEMS expert partners around the world, and their expertise. I believe in open and free communication between experts and sharing and learning from each other. It is therefore important to know about them and you find some of them presented in the following.

We must never give up in believing that we can do a better job and be better prepared for the disasters in the future and this requires good and open communication between all experts in this field around the world.

TIEMS 2011 - Annual Conference Bucharest, Romania 7th – 10th June 2011

TIEMS 18th Annual Conference will take place at InterContinental Hotel Bucharest on 7th - 10th June 2011. The event as ever, promises to be an attractive one, and we expect participants from all over the world to attend.

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 18th 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.

TIEMS International Scientific Committee have peer reviewed received papers and accepted 48 research papers, 15 best practice papers and 2 posters. TIEMS Editorial Board have put



Presidents Message



Editors Message

Editors Welcome

Dear members and supporters, welcome to the first edition as of the TIEMS newsletter in 2011.

As you may noticed we have new appearance as of this issue. Inside this issue, after President's addressing, we have detailed information on forthcoming major TIEMS event that is 18th Annual Conference in Bucharest, as well as on Workshop in Nimes/Ales. This issue also offers notices about our activities. We offer you a presentation of Pacific Disaster Center, International Ocean Institute and the Association of Universities of Asia and the Pacific. As regards chapter activities we present TIEMS MENA Chapter future plans and give you news from TIEMS India Chapter. We hope you enjoy reading this issue, and as always your comments, suggestions and contributions to improve the TIEMS newsletter are always welcome.

Snjezana Knezic, Editor
Alan Jones, Technical / Sub Editor

TIEMS 2011 Annual Conference

TIEMS Annual Conference in Bucharest, Romania 7th - 10th June 2011



together these papers and posters creating a provoking programme and conference proceedings from which participants will learn about the latest techniques, equipment and theories, and discuss important matters of interest to global emergency management professionals covering the following topics:

- Risk Assessment Professional Practice
- Critical Infrastructures
- Health Emergencies & Response
- Terrorism and Security
- GIS in Emergency Management
- Global Cooperation in Emergency Management
- Information & Communication Technologies
- Psychological Aspects of Disasters
- Training and Education
- Information Decision Support
- Emergency and the Media
- Business continuity
- Environmental protection
- Climate Change

This year we are also pleased to announce the following keynote speakers who will address the conference:

THE ROMANIAN EMERGENCY MANAGEMENT SYSTEM

Marcel Lucaciu

Head of General Inspectorate for
Emergency Situations
Romania

FAILURES AND SUCCESSES OBSERVED IN 2011 TOHOKU JAPAN EARTHQUAKE

Dr. Kit Miyamoto

CEO of Miyamoto International and
Global Risk Miyamoto
USA

FUTURE PUBLIC SAFETY COMMUNICATION SYSTEMS

Morten Alexander Gustavsen

Unified Messaging Systems AS,
Norway

THE APPLICATION OF INTERNET OF THINGS (IOT) FOR A

“SMART” EMERGENCY MANAGEMENT SYSTEM IN CHINA

Ji Zhang

Beijing Harmony Technologies
Company
China

GLOBAL DISASTER MANAGEMENT EDUCATION

James Hagen

Saint Xavier University
USA

INFORMATION SYSTEMS TO SUPPORT ON SITE EMERGENCY RESPONSE OPERATIONS

Lili Yang

Loughborough University
United Kingdom

INTEGRATED DISASTER INFORMATION ANALYSIS FOR COMPOUND DISASTER RISK ASSESSING

Tae Sung

National Institute for Disaster Prevention
Korea

TIEMS MEMBER SERVICE ON RESEARCH ACTIVITY

Cerasela Tanasescu

ESSEC Business School
Romanian Research Center
Romania

ADAPTIVE LEARNING IN DISASTER MANAGEMENT FOR COMMUNITY AWARENESS AND RESILIENCE: THAILAND CASE STUDY ON TSUNAMI EARLY WARNING AND MITIGATION SYSTEMS

Cherdsak Virapat

International Ocean Institute
Malta

A BREAKTHROUGH IN THE EARTHQUAKE DISASTER MITIGATION EDUCATION

Yukio Fujinawa

Risk Control Association
Japan

ISTANBUL EARTHQUAKE RAPID RESPONSE SYSTEM:

CURRENT PRACTICES AND FUTURE DEVELOPMENTS

Dr. A. Can Zulfikar

Bogazici University
Kandilli Observatory & Earthquake Research Institute
Earthquake Engineering Department
Turkey

NATECH DISASTERS IN ROMANIA

Professor Dr Alexandru Ozunu

Babes-Bolyai University, Faculty of
Environmental Science and
Engineering,
Romania

INTEGRATED MONITORING, INFORMING AND PUBLIC WARNING SYSTEM FOR EMERGENCY SITUATION IN ROMANIA

Gabriel Petrescu

CEO ROKURA SRL
Romania

ROMANIAN EMERGENCY MANGEMENT INFORMATION SYSTEM ARCHITECTURE

Victor GRADINESCU

Software Development Manager
S&T Romania
Romania

BUSINESS CONTINUITY VS SOCIAL RESPONSIBILITY IN CRITICAL INFRASTRUCTURE PROTECTION

Radu Dragomir

Director UTI System
Romania

RISK REGISTRY AND ITS APPLICATION IN ROMANIA

Florin Lazar

CEO Mobius Solutions
Romania

TECHOLOGIES AND CONCEPTS FOR URBAN SAFETY

Dragos Basmaluta

CEO MIRA Telecom
Romania

PEOPLE AND PHILOSOPHIES PROGRESSING IN TIEMS - ALMOST A SYMBIOSIS OF TECHNOLOGY AND PSYCHOLOGY

Bernd Rohrmann

Professor Emeritus
TIEMS Honorary Member
Australia

The TIEMS Romania Chapter are the local organizers of the Conference are and since they were founded in 2007, have

hosted several significant events in this domain.

As is tradition the program will end with an introduction to the 2012 conference from representative of the TIEMS India Chapter who will host the next annual conference.

For those bring partners and family, the program also promises an active social aspect, giving participants and guests the opportunity to relax in Bucharest. For those who want to explore Romania further we are also pleased to offer post Conference tours (see website for details).



WORKSHOP TIEMS, Ales – Nîmes (France) 22-23 June 2011

The TIEMS Ales Workshop will take place in Nimes on 22nd and 23rd June 2011. Organised by Ecole de Mines , although being a relatively small event, promises to be a warm and friendly workshop offering great opportunity for discussion amongst participants ad the exchange of information and experiences. We expect participants from Europe but also from USA, China, Canada, Japan, India and Nepal to attend.

The workshop is part of a continuation of workshops organized by the society TIEMS (The International Emergency Management Society), and centres on issues of hazards, modelling and management of the consequences of crises. It will allow an exchange between researchers worldwide, with a scientific program containing papers and posters presentations, round table discussions and keynote speakers.

The organiser is especially pleased to announce the following keynote speakers:

The organiser is also pleased to announce the following keynote speakers who will address the conference:

EVALUATION OF ORGANIZATIONS' VULNERABILITY TO CRISIS; A SELF SELF-ASSESSMENT METHOD

Jean-Luc Wybo

Ecole des Mines Paris
France

CURRENT LARGE PETROLEUM TANK FIRES AND MUTUAL FIRE FIGHTING SYSTEM

Hiroshi Koseki

National Research Institute of Fire and Disaster
Japan

BOILING LIQUID EXPANDING VAPOR EXPLOSIONS - MECHANISMS, HAZARDS AND PREVENTION

Mike Birk

Queen's University in Kingston, Ontario
Canada

GIS BASED EMERGENCY MANAGEMENT SYSTEM FOR FIRE RISK ZONES

Snjezana Knezic

University of Split
Croatia

REGIONAL AND GLOBAL EARTHQUAKE DISASTER ALERT AND RESPONSE

Guosheng Qu

National Earthquake Administration
China

CLIMATE CHANGE: A GLOBAL THREAT

Meen Poudyal Chhetri

Nepal Centre for Disaster Management

EMERGENCY MANAGEMENT'S VITAL ROLE IN DISASTERS INVOLVING THE ENERGY SECTOR

James Hagen

Saint Xavier University
USA

THE INFRASTRUCTURE OF INTERNET OF THINGS (IOT) AND ITS APPLICATION IN EMERGENCY MANAGEMENT

Jack Zhang

Harmony Technologies Ltd.
China



A total of 22 papers will be presented at the workshop and participants will be able to choose from parallel sessions of subjects such as:

- Modeling Of Accidental Phenomena
- Vulnerability Assessment, Risk Reduction
- Explosions, Marine Pollution And Flashover

- Natural Hazard Prevention And Crisis Management
- Climate Change Vulnerability Reduction
- Emergency Management : Technology And Training



A special event will be held on June 22nd celebrating the official opening of the ISR (Institute for Sciences of Risk) following which all attendees are invited to a complementary gathering for cocktails.

Australian Academics and Researchers Receive International Recognition

By Stephen Jenkins, TIEMS Regional Director for Australia, New Zealand & Oceania

Two Australians, Associate Professor Bernd Rohrmann (MSc, Dr phil, Dr phil habil) and Ms Karen Tindall received international recognition for their contributions to emergency and disaster management from The International Emergency Management Society (TIEMS).

Associate Professor Rohrmann is recently retired from The Victoria University in Melbourne where he researched and taught in the area of risk communication for many years. Bernd also presented as a specialist guest lecturer on many occasions at the Australian Emergency Management Institute (AEMI) at Mount Macedon in Victoria; the training centre of Australia's peak emergency management agency Emergency Management Australia (EMA).

Bernd has a Diplom-Psychologe (equivalent to a Masters Degree in Germany) from the University of Hamburg (1965), a Doctor of Philosophy from the University of Mannheim in Germany (1974), and a Habilitation (qualification above a Doctor of Philosophy in Germany) also from the University of Mannheim (1983).

Bernd has held various positions as Social Scientist and Lecturer at research institutions and universities including director of a social-scientific consultancy team and visiting lecturer in Austria, Switzerland, Australia, and New Zealand.

In retirement, Bernd continues to be an Adjunct Professor at the Social Science Faculty of the University of Mannheim in Germany, and visiting Professor at the University of Fribourg in Switzerland, whilst continuing to pursue his research interests.

From 1993 to 2009, Bernd was a researcher in Behavioural Science with the Department of Psychology at The University of Melbourne. Bernd's areas of research include Applied Social Research, Environmental Psychology, and Research Methodology with special substantive interests such as risk perception / attitudes / communication and management; impacts of environmental stressors (e.g. noise, fires); hazard appraisal and disaster preparedness; residential choice and satisfaction; decision processes and decision-aiding technologies; and teaching quality. Methodological interests include response scales, survey methodology, evaluation research, and structural models.

Bernd has conducted numerous empirical investigations with strong emphasis placed on interdisciplinary approaches and applicability of findings. Bernd has been a frequent presenter at TIEMS annual conferences and has published more than one hundred articles, reports, chapters, and books and also worked as a consultant with government agencies, courts, and public companies.

The TIEMS - Rohrmann Student Foundation was established at the TIEMS 2007 annual conference held at Trogir near Split in Croatia. Each year, a student is selected to receive assistance from this fund to attend the TIEMS conference and present their paper.

In recognition of his significant contribution to emergency and disaster management, TIEMS awarded Bernd honorary life-time membership at the 2009 TIEMS annual conference held at Istanbul, Turkey. TIEMS President, Kåre Harald Drager from Norway, presented Bernd with his award during the conference's gala

dinner. The dinner was held on the absolute water's edge of the Bosphorus Strait at the İstanbul Üniversitesi Sosyal Tesisleri Baltalimanı, situated in the shadows of Istanbul's Fatih Sultan Mehmet Bridge, which connects the Europe with Asia.

The other award recipient is Ms Karen Tindall (BA, Hons), a Doctoral Candidate at the Research School of Social Sciences, Australian National University, Canberra. Karen has also been a visiting scholar at CRISMART; the national centre for crisis management research and training at the Swedish National Defence College in Stockholm.

Karen won the Best Research Paper Award for her paper titled Consular Emergency Management: Government Coordination during Large-scale crises involving Citizens Abroad, which she presented at the 2010 TIEMS annual conference in Beijing, capital of the People's Republic of China. This Award is sponsored annually by TIEMS Korean Chapter. The conference was attended by approximately 500 delegates from around 50 countries.

The abstract of Karen's paper is as follows:

"The ability to respond to large-scale consular emergencies has become a necessity for governments. There is increasing expectation and pressure on foreign ministries to assist citizens in the event of a large-scale terrorist attack, natural disaster, or incident of political unrest abroad. Taking a 'structured and focused' comparative case study approach, this paper considers the challenges faced by the foreign ministries of Australia, Sweden and the UK in responding to three large-scale consular emergencies. The central research question is: can governments coordinate internally and externally in a multi-agency and multinational setting that is marked by significant time pressures, uncertainty, high public expectations, a bright media spotlight, and external threats to their own citizens? This research paper identifies a number of coordination challenges governments face; makes a contribution in addressing the gap in the



Professor Bernd Rohrmann (right) with Steve Jenkins, TIEMS Regional Director for Australia, New Zealand & Oceania at the İstanbul Üniversitesi Sosyal Tesisleri Baltalimanı (venue for the conference's gala dinner) after Bernd received his honorary TIEMS life membership. Photo courtesy of Steve Jenkins

academic literature on consular affairs and emergency management; and is of relevance to practitioners managing incidents that include a consular response element.”

The research Karen conducted identified that there are numerous challenges associated with responding to large-scale consular emergencies, including respect for sovereignty of the host country and their immigration protocols; lack of autonomy or control over the local response; cultural differences; language barriers; geographic distance from the home country; and time zone differences, all of which can combine to quickly eclipse the efforts and ability of consular staff and even specialist response personnel.

Karen’s research identified that there is no formal obligation on governments to mount a large-scale consular response and expend taxpayers’ dollars in deploying resources to a disaster zone to evacuate its nationals. However, this has occurred on a number of occasions, thus a public expectation exists that it could continue in the future. Karen’s research also identified that ‘the current trend towards a self-reinforcing spiral or greater expectations pressuring a more comprehensive response and vice versa is unsustainable in monetary, practical and, ultimately, political terms.’ Karen recommends standardisation of consular procedures to assist those personnel involved in receiving calls in relation to an emergency. In particular, those who may not be familiar with consular procedures and protocol, appropriate training to prepare consular staff for possible emergencies, and the management of community expectations.

Finally, Karen noted that whilst ad hoc incidents are widely reported, coordination and cooperation does not happen naturally. Criticism of foreign ministries and governments occurs particularly in respect to missed opportunities, poor planning, poor implementation, or poor learning. Ineffective coordination and cooperation increases the distress of citizens, wastes valuable time, and unfortunately, can also lead to loss of life.

Therefore, whilst Karen’s research concluded that whilst there is a high level of capacity, intent, and aptitude for international co-operation and co-ordination in the event of large-scale consular emergencies, there are still significant barriers to overcome for effective implementation. Specifically, Karen identified that *‘if foreign ministries and their governments intend to continue responding to large-scale consular emergencies, their capacity to cooperate must be enhanced to meet significant and wide-ranging challenges.’*

Reference

Tindall, K. 2010, Consular Emergency Management: Government Coordination during Large-scale crises involving Citizens Abroad, Proceedings of The International Emergency Management Society (TIEMS) 17th Annual Conference, June 8-11, Beijing, People’s Republic of China. pp. 211-224.

Presentation of Pacific Disaster Center

Fostering Disaster-Resilient Communities through Information, Science, and Technology

Since 1996, Pacific Disaster Center (PDC) has provided solutions to the disaster management community, and has supported many humanitarian assistance missions throughout the Asia Pacific region and around the globe. Our mission is to provide applied information, science and technology to help reduce disaster risks and impacts to peoples’ lives and property.

From our headquarters on the Hawaiian island of Maui, the Center offers products and services to local, national and international disaster managers through consultancy, early warning systems, integrated risk management platforms, and custom applications. PDC also helps build



Karen Tindall with TIEMS President Kåre Harald Drager (centre) from Norway, and Kaleish Gupta from India, also an award winner, during the conference dinner at the Beijing Quan Ju De Olympic Village Roast Duck Restaurant.

Photo courtesy of Steve Jenkins



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client capabilities through workshops and training.

PDC's evolving, proactive approach to emergency management emphasizes mitigation and preparedness over response and recovery. This strategy complements the United Nations approach to loss reduction, which acknowledges public awareness and community partnerships and better assessments of and preventative actions against risks. Our overall goal is to promote disaster management as an integral part of national-to-local economic and social development. PDC's broad public/private partnerships offer a wide range of solutions and information sharing tools to public safety officials and senior executives for enhanced situational awareness, risk consciousness, preparedness and response. PDC's vision is to foster disaster-resilient communities through information, science and technology.

Pacific Disaster Center's Solutions for Comprehensive Disaster Management

Disaster risk reduction requirements can be extremely different from one place to another. Subject matter expertise and experience are essential to creating and deploying the right solutions for any community. PDC is committed to assisting decision makers and communities to better understand their risks and promote disaster risk reduction initiatives. The Center achieves this in a comprehensive, integrated, two-fold approach: implementation of a Risk Reduction Planning Framework and an effective all-hazard Decision Support System.

PDC's Integrated Risk Reduction Planning Framework

PDC's Risk Reduction Planning Framework aims to promote proactive and preventative disaster management. It offers guidance based on sound practices by which a given municipality, nation or region can assess its risks and vulnerabilities, communicate the implications of these risks, and evaluate appropriate countermeasures to reduce risks. PDC has successfully implemented all aspects of the Framework, including risk and vulnerability assessments (RVAs) in the Caribbean, the Western and South Pacific, Southeast Asia and the State of Hawaii.

PDC's Integrated Decision

Support System

PDC's integrated decision support system is a scalable, all-hazards early warning system providing critical need-to-know information to emergency managers and decision makers. The applications are highly automated, always "listening" for relevant hazard warnings, and designed to present a valuable situational picture for understanding risks and threats. The system integrates vast amounts of data,

making them understandable and actionable, often by turning data streams into web-accessible maps and visual representations.

The system can be developed for all-hazards, or it can be customized to meet the most urgent need immediately, and built to allow for expansion and enhancement over time.

Better informed decisions lead to safer, more disaster-resilient communities.

Pacific Disaster Center Working with Partners to Implement DRR Activities

PDC has a rich history of working with vulnerable communities and nations in the Asia-Pacific region to design and implement DRR activities. Typically these activities involve working with a wide range of stakeholders - beneficiaries and implementation partners -- at regional, national and local levels to solve challenging societal problems. Key highlights include:

Vietnam - For more than eight years, PDC has worked with national and provincial disaster managers, nongovernmental organizations and intergovernmental organizations (NGOs/IGOs) and universities to develop and implement disaster risk reductions programs in the country. Specific activities have included organization of two international "best practices" workshops—one on landslide risk, one on flood risk—each attended by 100 practitioners and experts from more than 10 countries; implementation of a flood early warning pilot project in a rural province in northern Vietnam; development and implementation of a disaster management training curriculum for nearly 100 national and provincial flood managers; and implementation of a flood hazard monitoring and early warning system for disaster managers in seven coastal provinces in central Vietnam. PDC developed MOUs with the Central Committee on Flood and Storm Control, the national Disaster Management Center (DMC), and provincial/local stakeholders to collaboratively perform these activities.

Philippines - For more than ten years, PDC has worked closely with the Government of the Philippines' National Disaster Coordinating Council (NDCC) (recently renamed the National Disaster Risk Reduction & Management Council, NDRRMC) and with municipal government agencies including Marikina City and the Metro Manila Development Authority to implement risk and vulnerability awareness applications for seismic, flooding and typhoon hazards. Since our early engagements with NDCC, PDC's network has expanded to include the Manila Observatory, a non-profit scientific research institute with active programs on climate change, vulnerability assessment,

and the application of geospatial information technologies for disaster risk reduction.

Thailand - Shortly after the December 26, 2004 Indian Ocean tsunami, PDC began working with key stakeholders in Thailand to design, implement, train and exercise a tsunami early warning system. The system incorporated near-real time seismic and water level feeds from U.S., Thai and international sources to allow disaster managers at the Bangkok-based National Disaster Warning Center (NDWC) to assess tsunami hazards and issue early warnings to high-vulnerability communities along Thailand's coastline. PDC helped to design nationwide exercises to test the system and associated protocols.

South Pacific - A long-time strategic partner of PDC has been the South Pacific Applied Geosciences and Technology Division (SOPAC) of the Secretariat of the Pacific Community (SPC) based in Fiji. PDC has worked with SOPAC to implement tsunami risk awareness and risk assessment activities in Fiji and Vanuatu. Currently, a PDC-GNS Science (New Zealand) team has worked with SOPAC to implement a risk assessment program in eight Pacific Island countries (including Fiji) with Asian Development Bank (ADB) funding. The teams have collected critical infrastructure and facilities data for more than 100,000 buildings to allow meaningful risk assessments and associated loss estimations for tropical storm (wind, storm surge) and seismic (to include tsunami) hazards. The study results and the associated data are currently being provided to government officials in each of the countries for land planning and disaster management

activities. These same officials actively support data collection tasks and will receive hands-on training in the use of these data and the on-line mapping tools.

US (Hawaii, American Samoa, Guam) - Within our own "back yard" PDC works closely with state and local government agencies in Hawaii, American Samoa and Guam on a wide range of DM/DRR activities including undertaking multi-hazard risk and vulnerability assessments, providing early warning decision support systems, conducting disaster management exercises and training courses, and supporting disaster responses. Engagements have been with county, state and territorial emergency management agencies, federal agencies, and military/national guard units.

United Nations (UN), regional and international organizations - In addition to bi-lateral engagements with U.S. and foreign government agencies, PDC has robust relationships with international and regional organizations including the Regional Office for Asia and the Pacific of the UN Office for the Coordination of Humanitarian Affairs (UNOCHA), the ASEAN Secretariat and ASEAN's Committee for Disaster Management (ACDM), and APEC's Secretariat and APEC's Emergency Preparedness Working Group (EPWG). Most recently, PDC has agreed to serve on the Training and Education Advisory Board of The International Emergency Management Society (TIEMS). Activities have included capacity development (e.g., data collection, workshops, training programs), disaster response support as well as strategic planning and implementation services.



Presentation of the International Ocean Institute

Background and mission: The International Ocean Institute (IOI) was founded in 1972 by the late Professor Elisabeth Mann Borgese as an international, non-profit, non-governmental organization. The mission of the IOI is to ensure the sustainability of the oceans as the "source of life", and to uphold and expand the principle of the common heritage of mankind as enshrined in the United Nations Convention on the Law of the Sea. IOI strives to promote the concept of *Pacem in Maribus* and ocean management and

conservation for the benefit of future generations.

The IOI network: The network of Operational Centres has global coverage and offers a number of research and training programmes on issues of relevance to regions or particular nations. The success of the IOI depends on the activities of its network of these centres and IOI provides support to its activities. To date, IOI has 22 Operational Centres and 7 Focal Points in five regions, namely;

- **Africa:** Operational Centres-IOI-Southern Africa, IOI-Egypt, IOI Eastern Africa (Kenya), IOI-Western Africa (Nigeria)

- **America:** Operational Centres-IOI-Canada, IOI-South Western Atlantic Ocean (Brazil), IOI-Costa Rica, IOI-Cuba, IOI-USA; Focal Points-USA
- **Asia and Oceania:** Operational Centres-IOI-Japan, IOI-China, IOI-India, IOI-Indonesia, IOI-Pacific Islands (Fiji), IOI-Thailand; Focal Points-Australia, China, Republic of Korea; Focal Point-Lebanon
- **Eurasia:** Operational Centres-IOI-Ukraine, IOI-Islamic Republic of Iran, IOI Caspian Sea (Russian Federation) Focal Points-Pakistan
- **Europe:** Operational Centres-IOI-Germany, IOI-Malta, IOI-Black Sea (Romania), IOI-Slovenia; Focal Points-Cyprus

Ocean governance and advisory services: IOI undertakes a wide range of activities in the field of ocean governance and advisory services. Since 1970, the *Pacem in Maribus* (PIM) conferences have been the IOI's main forum, where the challenges of ocean space are considered in their interconnections. These conferences are respected as an important event in understanding threats to the world's oceans as well as the potential of ocean resources to sustain humankind. The most recent conference PIMXXXIII was organised in Beijing, China in 2010.

Research: The IOI network recognizes that research is an important component of capacity-building which, in turn, provides the foundation for sustainable development. The centres carry out research in numerous fields and at all levels jointly with centres of excellence around the world, including IOI host institutions.

Cooperation and partnership: IOI pursues partnerships and cooperative initiatives at three main levels: (1) by participating in international ocean-related programmes, particularly through the United Nations System, (2) by supporting similar programmes at the regional and sub-regional levels, and (3) by providing national level support in the form of capacity-building, technical advice and workshops.

Publication and outreach: IOI makes available its information sources on its website at www.ioinst.org. The IOI website is often the first point of contact with the general public. It constitutes the primary information base of IOI's activities and future plans, as well as an archive source for its publications. The site contains electronic archives, including the *IOInforma*, which is IOI's electronic news bulletin, information about all IOI Operational Centres and their training and other programmes. The public is invited to register *via* the IOI website to receive THE *IOInforma*, thus

remaining in touch with IOI developments. For more than 20 years under the senior editorship of the late Professor Elisabeth Mann Borgese, IOI and Dalhousie University Law School have published the *Ocean Yearbook*. This ongoing publication presents leading edge articles, reports and reference materials devoted to the issues and concerns affecting the world's oceans. In connection with projects implemented through the IOI's Women, Youth and the Sea Programme, the International Ocean Institute was awarded the 2006 UN South-South Solidarity Award for the Project implemented by the IOI Operational Center in India, addressing the rehabilitation of women's livelihood in a tsunami-affected village, Senthilveedhi, in South India. The South-South Partnership Awards are presented to individuals or institutions whose leadership transforms, empowers, mobilizes and/or expands the South-South agenda by increasing human and financial resources of the South to meet the Millennium Development Goals.

Capacity-building: IOI has been a pioneer in the area of capacity building for ocean affairs since the late 1970s. This arose out of the need created by both the process and outcomes of the United Nations Convention on the Law of the Sea. Capacity-building remains a priority for IOI, which views such activities as an essential component of the process for the implementation of United Nations conventions. To meet local, national and regional needs, Operational Centres implement numerous thematic training course and programmes on ocean governance, marine environmental law and its application, sustainability and management of coastal reefs, seaweed mariculture, integrated coastal zone management, marine biodiversity and fisheries. The flagship courses in Canada and Malta were conceived as an integral component of IOI's capacity building and coordination mechanism and were designed in response to identified needs for capacity building by training mid-career professionals, particularly from developing and transition countries, in all related disciplines, functions and interests that may impact on the sustainable management of oceans, seas and coasts.

Training Programme on Regional Ocean Governance for the Baltic, Black, Caspian and the Mediterranean Seas

This 5-week training programme is organised by the IOI, in collaboration with the IOI-Malta Operational Center and accredited by the University of Malta. It builds upon the more than 30 years experience of the IOI in conducting training and capacity building programmes in ocean governance. Organised since 2005, the primary foci of the Programme are the Mediterranean, Black, Baltic and Caspian Seas' inter-regional comparisons and experiences, and promotion of exchanges between participants from European, Eastern

European, and the North African and Eastern Mediterranean countries and observers from various countries.

Training Programme on Ocean Governance: Policy, Law and Management

The 2010 training programme in Ocean Governance: Policy, Law and Management conducted by the IOI-Canada at Dalhousie University, Halifax, Canada was the 30th annual course since the training programme was instituted by the late Prof. Elisabeth Mann Borgese, founder of IOI. The purpose of the training programme is to: deepen understanding of the ever-increasing importance of the oceans and their resources in world politics and sustainable economic development; assist developing countries in the formation of a core of decision-makers fully aware of the complex issues of ocean management; and, to maximize benefits to be derived from the United Nations Convention on the Law of the Sea through the proper integration of ocean management into national and international development strategies.

IOI services

Contributing to the policy dialogue on the ocean and the evolving process of ocean governance; Monitoring the implementation of international conventions as they relate to

the sea; Sharing and transferring knowledge and experience; Responding to the needs of developing countries; Raising awareness of the peaceful uses of the ocean, its protection and conservation; Disseminating information and promoting advocacy of the ocean.

IOI activities

Pacem in Maribus conferences; Leadership seminars with a focus on meeting pertinent needs of the world in ocean governance; Network-wide programmes addressing conservation and management of the sea and the coastal zone taking into account the needs of developing countries and the role of women and youth in the developing process; Risk management projects to enhance risk management within integrated coastal and ocean management; Global education programme in the field of ocean governance, research and applied management.

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Presentation of the AUAP

Brief History

The Association of Universities of Asia and the Pacific (AUAP) was formally established with the signing of the Memorandum of Agreement and the holding of the Founding Conference on 28 July 1995 at Suranaree University of Technology (SUT), Nakhon Ratchasima, Thailand.

There were 48 University, Vice Chancellors and Rectors from 17 Countries who were signatories to the Constitution. Prof. Dr. Wichit Srisa-an, SUT Rector, was unanimously elected as AUAP Founding President.

The Second AUAP General Conference was held at the University of Tasmania in Hobart, Australia on 8-10 December 1997 where Prof. Donald Mc Nicol, Vice Chancellor of the

University of Tasmania, Australia, was elected as Second AUAP President.

The Third AUAP General Conference was hosted by Angeles University in Angeles City, Philippines on 23-27 November 1999 where Dr. Emmanuel Y. Angeles, President of the same university became Third AUAP President.

The Fourth General Conference was held on 22-26 October 2001 at Guiyang, P.R. China hosted by Prof. Li Jian Shi of Guizhou University. He was elected the Fourth President of AUAP. Upon Prof. Li's retirement, Dr. Shuping Chen became the Fifth President of the AUAP (2002-2003).

The Fifth General Conference was held on 8-11 October 2003 at Seoul, South Korea hosted by Dr. Chungwon Choue of Kyung Hee University. He was elected the Sixth President of AUAP.

After his retirement in 2004 the Presidency was assumed by Prof. Wibisono Hardjopranoto of the University of Surabaya as the Seventh President of AUAP.



The Sixth General Conference was held on 4-8 September 2005 at Surabaya, Indonesia, hosted by Prof. Wibisono Hardjopranoto of the University of Surabaya. He was elected the Seventh President of AUAP. After his retirement in 2006.

the Presidency was assumed by Prof. Dr. Lu Vai Pan of University of Macau as the Eighth President of AUAP.

The Seventh General Conference was held on 20-22 October 2006 at Macao SAR, China hosted by Prof. Dr. Ku Vai Pan of University of Macau. He was elected the President of AUAP. After his retirement in 2007, the Presidency was assumed by Dr. Carmen Lamagna of American International University-Bangladesh as the Ninth President of AUAP.

The Eighth General Conference AUAP-AIUB Conference was held on 7-8 November 2008 at Bangladesh hosted by Dr. Carmen Lamagna of American International University-Bangladesh.

At Present, AUAP has 210 members from 19 countries and territories as well as two associate members (consisting of regional organizations based in Philippines).

Middle East and North Africa (MENA) Chapter of TIEMS



There are ongoing efforts to establish TIEMS-MENA chapter since 2006 when Dr. Naill Momani proposed hosting the chapter through Hashemite University of Jordan. Then Dr. Momani unified his efforts with Dr. Ayman Fadi, Vice Dean for Graduate Studies of the Faculty of Economics and Administration (FEA) at King Abdul Aziz University to establish the chapter in MENA region through establishing founding committee with the intention to conduct the 1st international workshop for the region in the coming years. FEA was the 1st school of King Abdul Aziz University to be established in 1967 and has grown to become one of the major schools in Saudi Arabia.

FEA has a student population of over 26,000 undergraduate students and over 700 graduate, and employ more than 242 faculty members and more than 130 administrative staff. The school offers a full range of degrees from tailored short-course certificates to Masters Degrees. For more information visit the website of King Abdul Aziz University

and the website of the Faculty of Economics and Administration.

We realized that there is a need to spread the awareness of this new discipline in the region due to lack of proper understanding of the need to have integrated approach for disaster risk management. Therefore, coordinate efforts to present TIEMS-MENA chapter through the events which FEA involved with along with that for Excellence of Business Continuity and Crises Management (EBCCM), which will host the TIEMS-MENA chapter for the coming phase. There were successful approaches to introduce MENA chapter in some activities such as Jeddah 2nd Commercial Forum and the 1st International Conference for FEA in 2012. In both events we will recruit potential members. Moreover, different talks will be scheduled along with communities to spread awareness to the need of such chapter in the MENA region such as the Saudi Society for Civil Engineers, Education Department in Jeddah, Jeddah Chamber of Commerce and others soon. For more updated information to follow our progress please visit us at www.ebccm.org



ALPCORD NETWORK
Travel & Conferences Management Company

The Indian Tourism Industry's highest honour

THE NATIONAL TOURISM AWARDS

The Winning Team



ALPCORD NETWORK
Travel & Conference Management Company,
has been awarded
by the Ministry of Tourism, as India's
“Best MICE (Meetings, Incentive, Conference
& Exhibition) Planner” in India for the
year 2009-10.

The Ministry of Tourism, Government of India presents National Tourism Awards to various Segment's of the travel and tourism industry every year in recognition of their performances in their respective fields.

Alpcord Network was honored with the highly acclaimed National Tourism Award by Government of India for the year 2009 – 10 for the Best MICE (Meetings, Incentive, Conventions and Exhibition) operator in India. The award was received by Chander Mansharamani, Managing Director.

The award was presented by the Chief guest, Lok Sabha speaker Smt Meira Kumar, guest of honour, Priyanka Chopra, leading Bollywood actress and Union Tourism Minister of India, Shri Subodh Kant Sahai.

The ceremony was held in the Convention Hall of Ashok Hotel, New Delhi on March 28th 2011.

ALPCORD is the partner of the TIEMS India Chapter which will organise its 2nd conference on 23rd and 24th September 2011 in Mumbai. The theme is: *ADVANCED MEDICAL AIDS IN DISASTER MANAGEMENT*. Plans and Announcment of Conferences in India are available at:

<http://www.tiems.org/images/stories/tiems%202011%20india%20plans%20and%20conferences.pdf>

For further information, please, contact Madhav Maroju at madhav.vahdam@gmail.com

TIEMS Annual Conference in Bucharest: Presentation of Sponsors



MIRA TELECOM – company with 100% Romanian private capital – has started activity in October 1998, with distribution of radio communication equipments. Diversification of services has represented a basic principle in the evolution of the company, today MIRA TELECOM providing complete solution of security, IT and telecom, backed by an effective and operative integrated service that brings added value to the customers operations.

At 25 years from the terrifying nuclear accident from Chernobyl and after just one month since the largest earthquake shook Japan, it became clear that security and emergency intervention represents a worldwide priority. Reality has once again confirmed the correctness of MIRA TELECOM's management decision to engage even more in projects aimed at preserving life. Until the end of the first semester of 2011, MIRA TELECOM will equip and deliver several Nuclear Bacteriological Chemical Radiological mobile laboratories and Mobile Centers for Command and Control. With the completion of this major project, MIRA TELECOM makes another step in achieving the goal of becoming a benchmark player on the security market.

S&T - With 17 years of local experience, S&T Romania designs and implements complex IT solutions based on a comprehensive portfolio of software applications, hardware and communication infrastructure added with a complete range of consultancy, design, project management and software development. Target customers are large and mid-sized organizations in the governmental, telecommunications, manufacturing, financial services, utilities and healthcare sectors.

S&T also provides training, technical support and maintenance services based on Service Level Agreements as well as outsourcing services. S&T Romania is ISO 9001:2000, ISO 14001:2005, SR OHSAS 18001:2008 and ISO/CEI 27001:2005, IQNet and TUV CERT certified and received "J.M.Juran Romanian Quality Award" for excellence in quality management

Mobius Solutions – is a supplier of solutions in the information technology field. Set up in 2001, they especially centered on implementing concepts of collaborative management, on the collection, integration and transformation of data necessary for the decision support systems. Starting 2004, the company started implementing decision support systems in the flood management field for the Romanian Waters (Apele Romane) and for the National Institute for Hydrology and Water Management, through direct contracts or subcontracts within the WATMANN project. This determined the development of competences in the area of risk management and decision support systems orientated towards the management of emergency situations.

Proposed services:

- Analysis from the informatics point of view of companies, analysis of existing applications, analysis of the efficiency of the existing systems.
- Risks and decision support management systems.
- Informatics audit, design of informatics systems, system security.
- Consultancy in the development/ design of databases, replicate databases.
- Business Intelligence solutions – analysis, design, development/ implementation.
- Technical support and assistance services.

5th Australasian Natural Hazards Management Conference

From 18 to 21 July 2011, the 5th Australasian Natural Hazards Management Conference will be held in Goad Coast (Australia).

The Australasian Natural Hazards Management Conference is an annual international event which seeks to provide a forum within the Australasian region to discuss the integration of hazard information into effective risk management of natural hazards. The conference includes sessions on a range of natural disaster management issues, including:

- applying hazard information to best practice planning
- exploring new technologies and advances in science applications
- natural hazard mitigation
- creating resilient communities and capacity building through integrating science into practice
- recovery from natural disasters

The target audience for the conference includes: emergency managers, policy makers, researchers, planners, risk assessors, asset and utility managers, scientists and students. Adopting a theme that focuses on major events and major impacts of natural hazards, this year's conference will provide a unique opportunity for participants to consider, examine and review best practice natural hazard disaster management, especially given the number and extent of natural disasters within the Australasian region over the past 12 months.

The conference program comprises workshops and master classes on the first day (18 July 2011), conference papers during the main conference on the second and third day (19 and 20 July) and technical tours on the fourth and last day of the conference (21 July). During the main conference, posters illustrating best practice natural hazard disaster management and research will be on display.

Students (any persons undertaking accredited vocational or higher education studies in emergency management or a related field) are invited to prepare a poster, detailing current research they are undertaking in emergency management. This can relate to any of the conference themes of research, prevention and risk mitigation, preparedness, and response and recovery from natural disasters. The posters will be displayed at the venue during the main conference and they will be judged by the speakers, who will award points for the best posters. Prizes will be awarded for the one with more points at the end of the main conference.

Besides, a range of opportunities exist for businesses and organisations involved in all aspects of natural hazards to participate as sponsors. Expressions of interest are called for major (limited number) and minor sponsors for the conference.

Further details, the program and the registration form can be found at:

<http://www.goldcoast.qld.gov.au/attachment/disaster/conference-hazards.pdf>

Conference: Information Sharing for Emergency Response & Recovery

On 27 and 28 July 2011, a conference under the theme “Information Sharing for Emergency Response & Recovery – Increasing operational capacity & data interoperability to enable intelligent decision-making” will take place at the Hotel Mercure in Brisbane (Australia).

During the devastating time of a natural disaster or an emergency situation, gathering and communicating information quickly and accurately is crucial to the safety and wellbeing of the community. Recent natural disasters worldwide have driven many emergency management groups to assess information management processes with a view to improve procedures and standards, in order to respond and recover quickly.

Reflecting on recent lessons learnt this conference will discuss the various information sources and communication platforms available. Discussion will include ways to fully integrate these into a business process that enables consistent and accurate decision-making.

What you will take away:

- How to integrate interoperability into the incident management process.
- How to adapt your existing systems and processes to improve decision-making.
- How to integrate social media as a vital communication tool.
- How to use predictive modelling to mitigate and better prepare for emergencies.
- How to improve spatial information capability for the end-user.
- How to understand expectations and empower the community.

The conference programme includes two workshops: a pre-conference workshop A on “How to integrate state-wide interoperability into the incident management process” (Tuesday 26 July, from 5:50pm to 8:50pm) and post-conference workshop B on “Empowering users to make decisions through context-based alerting” (Friday 29 July, from 9:00am to 4:00pm).

TIEMS members will receive a 10% discount on Registration Fees. Contact Mr Steve Jenkins, the TIEMS Regional Director for details on how to register at the reduced rate.

The agenda of the conference, registration and further details are available at:

<http://www.emergencydatacomms.com/overview.php>

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 and we will endeavour to publish it in the most appropriate issues.

MAY 2011

International Conference on Emergency Management Technology

21-24th May 2011

Budapest, Hungary

The conference will include a case study of the Hungarian Red Sludge catastrophe, Hungarian practice in flood management, results of several worldwide projects as the EU-Spider Program, new types of risk analysis, and built environment security.

jrohacs@rht.bme.hu

19th Annual Voluntary Organizations Active in Disaster (VOAD) Conference

24-26th May 2011

Kansas, Missouri

This conference will represent the largest gathering of emergency management individual assistance professionals in the country ranging from federal, state, and local governments to nonprofits, voluntary agencies, corporations, and academic institutions.

www.nvoad.org/avc/

JUNE 2011

TIEMS 18th Annual Conference 2011

7-10th June 2011

Bucharest, Romania

The aim of TIEMS 18th 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. For further information, please contact conference host Stela Petrescu at Stela.Petrescu@mdrt.ro

www.tiems.org

WCDM 2011

19th – 22nd June 2011

Toronto, Canada

A major goal of the WCDM is to offer a program that challenges delegates by examining traditional concepts and methods, and provides: new ideas and approaches to problem solving; both leading edge and topical presentations;

opportunities to connect with key individuals and organizations across the disaster management spectrum.

<http://www.wcdm.org/>

TIEMS Workshop

22nd - 23rd June 2011

Alès, France

TIEMS in cooperation with École des Mines is arranging a workshop in 22nd and 23rd June 2011

www.tiems.org

JULY 2011

5th Australasian Natural Hazards

Management Conference

18–21 July 2011

Gold Coast, Australia

The Australasian Natural Hazards Management Conference is an annual international conference which seeks to provide a forum within the Australasian region to discuss the integration of hazard information into effective risk management of natural hazards.

AHMC@GoldCoast.qld.gov.au

TIEMS India Chapter 1st conference

1-2nd July 2011

Pune, India

The first event of the TIEMS Indian chapter the theme of this event will be Safety & Security Aids For Urban Disaster Management.

For further information, please, contact madhav.vahdam@gmail.com,

www.tiems.org

Information Sharing for Emergency Response & Recovery

27-28th July 2011

Brisbane, Australia

Recent natural disasters worldwide have driven many emergency management groups to assess information management processes and procedures, in order to respond and recover quickly.

Reflecting on recent lessons learnt, this conference will discuss the various information sources and communication platforms available.

www.emergencydatacomms.com

SEPTEMBER 2011

TIEMS India Chapter 2nd conference

23-24th September 2011

Mumbai, India

The theme of this event will be Advanced Medical Aids In Disaster Management.

For further information, please contact madhav.vahdam@gmail.com, www.tiems.org

OCTOBER 2011

EMEC Europa 2011

11-13th October 2011

Munich, Germany

IAEM Europa invites all civil protection and emergency management professionals to take up the opportunity being offered to attend their profession's networking event of 2011. Organised by the International Association of Emergency Managers and experienced event organiser Mack Brooks Exhibitions, EMEC Europa is the new networking event for all involved in civil protection and emergency management

www.emec-europa.com

TIEMS China Chapter 2nd Annual Conference

12-14th October 2011

Shanghai, China

For further information, please, contact qgsh@263.net

www.tiems.org

IRDR Conference 2011 "Disaster Risk: Integrating Science & Practice"

31st October – 31st November 2011

Beijing, China

Hosted by the Integrated Research on Disaster Risk International Programme Office and the China Association for Science and Technology. The theme of the conference is "Disaster Risk: Integrating Science and Practice," focusing on the following topics: Characterization of hazards, vulnerability, and risk Understanding, decision-making in complex and changing risk contexts, Reducing risk and curbing losses through knowledge-based actions

www.irdrinternational.org/conference2011.php

November 2011

IAEM-USA 59th Annual Conference & EMEX 2011

12-17th November 2011

Las Vegas, USA

The IAEM-USA Annual Conference provides a forum for current trends and topics, information about the latest tools and technology in emergency management and homeland security, and advances IAEM-USA committee work. Sessions encourage stakeholders at all levels of government, the private sector, public health and related professions to exchange ideas on collaborating to protect lives and property from disaster.

www.iaem.com/Conference

MORE EVENTS AND INFORMATION ON THE TIEMS CALENDER WWW.TIEMS.ORG

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

Alan.Jones@westsussex.gov.uk

Presentation of TIEMS Secretariat

With the objective to professionalise execution of TIEMS activities, the secretariat in Brussels was set up and started performing its activities from 1 November 2010. In particular, the newly established secretariat is carrying out the following tasks:

Legal and Administrative services:

- Support for revising and maintaining TIEMS by-laws, structure and legal compliance with Belgian law
- Support for financial management
- Manage and monitor TIEMS membership
- Website management and support for producing newsletters, annual reports and different news
- Provide support for General Assembly meetings, workshops and conference arrangements and agreements
- Support for establishing and maintain a relation with the European Commission
-

For more information, please contact mc.bonnamour@squaris.com

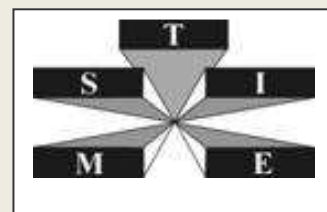
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