TIEMS 2008 Annual Conference

PRELIMINARY PROGRAM

(8th May 2008)

17th - 19th June 2008

Prague, Czech Republic



TIEMS 2008 Program Plan Including pre and post Conference Program

16th June 2008

Day before Conference

1200 - 1800 TIEMS Board Meeting

1800 – 2200 Welcome Drink and Registration

17th - 19th June 2008

3 days Conference Program 20th June 2008

Day after Conference

0900 – 1400 TIEMS Post Technical Tour / Optional

1400 - 1800 TIEMS Board Meeting

TIEMS Annual Conference 2008 Program Overview

1st day - 17th June 2008

0900 - 1030 Opening Ceremony

1030 - 1100 Coffee

1100 - 1230 Keynotes 1

1230 - 1400 Lunch

1400 - 1530 Parallel sessions 1

1530 - 1600 Coffee

1600 - 1730 Parallel sessions 2

1730 – 1900 Exhibition & Posters

Walkthrough

1900 - 2200 Conference Reception

2nd day - 18th June 2008

0900 - 1030 Parallel Sessions 3

1030 - 1100 Coffee

1100 - 1230 Keynotes 2

1230 - 1400 Lunch

1400 – 1530 Exhibitors / Sponsors Speakers Corner /

Parallel Sessions 3E &F

and Pandemic Simulation Update

1530 - 1600 Coffee

1600 - 1730 Parallel sessions 4

1730 - 1900 TIEMS Annual Meeting

1900 – 2200 Prague City Tour

3rd day - 19th June 2008

0900 - 1030 Parallel sessions 5

1030 - 1100 Coffee

1100 - 1230 Panel Discussion

1230 - 1400 Lunch

1400 – 1530 Posters Speakers

Corner / Parallel
Sessions 5 E & F and
Pandemic Simulation
Update

1530 - 1600 Coffee

1600 - 1730 Parallel sessions 6

1730 - 1900 Exhibition & Posters

Walkthrough

1900 – 2200 Gala Dinner with
Pandemic Simulation
Critique and
Closing Ceremony



TIEMS Annual Conference 2008 1st Day - 17th June 2008 Overview

1st day - 17th June 2008

0900 – 1030 Opening Ceremony

1030 - 1100 Coffee

1100 - 1230 Keynotes 1

1230 - 1400 Lunch

1400 - 1530 Parallel sessions 1

1530 - 1600 Coffee

1600 – 1730 Parallel sessions 2

1730 – 1900 Exhibition & Posters Walkthrough

1900 – 2200 Conference Reception



1st day – 17th June 2008 Opening Ceremony and Keynotes 1: 0900 - 1230

0900 – 1030 Opening Ceremony / Chair Jaroslav Pejcoch, T-Soft, Czech Republic

0900 - 1030 "Welcome to the middle of Europe"

- Czech Government representative
- Regional Government Partner
- Czech National Radio

1000 - 1030 "TIEMS Vision and Action Plan 2008"

TIEMS President K. Harald Drager, Norway

1030 - 1100 Coffee

- 1100 1230 Keynotes 1 / Chair K. Harald Drager, TIEMS, Norway
- 1100 1130 "Organizational Learning in Emergency Management from Theory to Practice"

 Jean Luc Wybo, Senior Researcher and Professor, Ecole des Mines de Paris, France
- 1130 1200 "The Foot and Mouth Disease Outbreak in Great Britain 2007: Learning Lessons from the Past"

Alun Evans, Director General for Science and Research in the Department of Innovation Universities and Skills, UK

1200 – 1230 "Pandemic: The Second Wave. How prepared are we? A Simulation Introduction" Geary Sikich, Principal, Logical Management Systems, Corp. USA

1230 - 1400 Lunch

1st day – 17th June 2008 Parallel Sessions 1: 1400 – 1530

Pandemic Simulation Update # 1 (Message handout passed out by session chairs)

Sessions 1A

Early Warning Systems

1400 – 1430: <u>Hazardous -</u>
<u>Urban Flood Early Warning</u>
<u>System</u>; Gueli, Roberto;
Ragonese, Giuseppe;
Mereu, Franco; Palermo,
Maurizio; Perrone,
Salvatore *Italy*

1430 – 1500: Early Warning
Systems Do's and Don'ts Malaysia's Efforts to
Address the Impacts of
Global Warming, Climate
Change and a Changing
Monsoon and El-Nino
Systems; Osman Salleh,
Khairulmaini

1500 – 1530: Emergency Management Practice In The Russian Federation; Akimov, Valery; Frolova, Nina; Larionov, Valery; Durnev, Roman Russia

Malaysia

Sessions 1B

Medical Management

1400 – 1430: Stage of
Medical Rescue after
Disaster Based on Clinical
Features; Liu, Aibing; Zheng,
Jingcheng; Qu, Guosheng
P. R. China

1430 – 1500: Characteristics of Disease Profiles in earthquake disaster areas, Pakistan; Liu, Aibing; ZHENG, Jingcheng; Qu, Guosheng P. R. China

1500 – 1530:

Sessions 1C

Resilience

1400 – 1430: Importance
And Meaning Of
International Standards In
Nautical Tourism; Favro,
Srecko; Kovacic, Mirjana;
Grzetic, Zvonko
Croatia

1430 – 1500: <u>The</u>
<u>Geography of "Generosity"</u>
<u>in Disaster Emergency</u>
<u>Aid, 2000-2007</u>; Hagelman
III, Ronald R.;
Tiefenbacher, John P. **USA**

1500 – 1530: The Impact
Of The Post Disaster
Relocation On The
Community; Arslan, Hakan
Turkev

Sessions 1D

Natural Hazard Management

1400 – 1430: The Study Of Prevention, Mitigation And Emergency Management
System In Typhoon
Influenced Area Of China;
Jiang, Hao; Liu, Defu
P.R. China

1430 – 1500: <u>Utilizing Space-based Science Products for Natural Hazards Applications;</u> Habib, Shahid *USA*

1500 – 1530: Identification of Route and Safety Zone for Tsunami Evacuation
Mapping; Mahmud, Ahmad Rodzi; Ahmadun, Fakhrul'-Razi; Mat Said, Aini; Abas, Fuad
Malaysia

1530 - 1600 Coffee

1st day – 17th June 2008 Parallel Sessions 2: 1600 – 1730

Pandemic Simulation Update # 2 (Message handout passed out by session chairs)

Sessions 2A

Terrorism

1600 – 1630: Al Qaeda: Still America's Greatest Threat?; Merrick, David; Heffron-Casserleigh, Audrey S. USA

1630 – 1700: Security
enhancement of
embankment dams against
terroristic attacks, Case
study of Ardak dam – Iran;
Malekipour, Ehsan;

Malekipour, Ehsan; Amoushahi, Mohsen; Rajabipour, Ali *Iran*

iran

1700 – 1730:

Sessions 2B

Medical Management

1600 – 1630: <u>Disaster</u>
Response: Community
Mental Health Service
Capacity In The United
States; Smith, Susan M.;
Peoples, Linda
USA

1630 – 1700: Maritime
Medical Protection And
Seamen's Safety; Kasum,
Josip; Vidan, Pero; Baljak,
Kresimir
Croatia

1700 – 1730:

Sessions 2C

Resilience

1600 – 1630: <u>Civil</u> response: appraisal and <u>expectations</u>; Tonnaer, Clemon

Netherlands

1630 – 1700: <u>Damage</u>, <u>Needs or Rigths? -</u> <u>Defining What is Required</u> <u>After Disaster</u>; Kelly, Charles *USA*

1700 – 1730: Worldwide Emergency Management Experts Pool (WEME); Lodhi, Mehmood-ul-Hassan Pakistan

Sessions 2D

Natural Hazard Management

1600 – 1630: The
development of Urban
Earthquake Disaster
Information Management
System in China; Li, Yigang;
Qu, Guosheng; Du, Xiaoxia;
Zhang, Yuan
P. R. China

1630 – 1700: <u>Earthquake</u>
<u>Loss Assessment Features of</u>
<u>HAZTURK</u>; Karaman,
Himmet; Sahin, Muhammed;
Elnashai, Amr S. *Turkey*

1700 – 1730: Systematic
Prediction of Earthquakeinduced Hazards for an Urban
Area Based on Spatial GIS
Framework; Sun, Chang-Guk;
Shin, Jin-Soo; Chi, HeonCheol
South Korea

1730 – 1900 Exhibition & Posters Walkthrough 1900 – 2200 Conference Reception

TIEMS Annual Conference 2008 2nd Day - 18th June 2008 Overview

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2<sup>nd</sup> day - 18<sup>th</sup> June 2008
0900 - 1030 Parallel Sessions 3
1030 - 1100 Coffee
1100 – 1230 Keynotes 2
1230 - 1400 Lunch
1400 – 1530 Exhibitors/ Sponsors Speakers Corner /
            Parallel Sessions 3E & 3F
1530 - 1600 Coffee
1600 - 1730 Parallel sessions 4
1730 – 1900 TIEMS Annual Meeting
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1900 - 2200 City Tour



2nd day – 18th June 2008 Parallel Sessions 3: 0900 – 1030

Pandemic Simulation Update # 3 (Message handout passed out by session chairs)

Sessions 3A

Business Continuity

O900 – O930: A Meta
Analysis of Fiscal Loss and
Fraud Prevention in
Disaster Recovery
Consumer and Victim
Populations; Stoughton,
Seth; Heffron-Casserleigh,
Audrey S.
USA

0930 – 1000: Water Sector Mutual Aid and Assistance: Utilities Helping Utilities; Lagos, Alfredo; Whitler, John; Riordan, Ray USA

1000 – 1030: <u>Business</u>
<u>Continuity as an Adaptive</u>
<u>Social Process</u>; Rapaport,
Carmit; Kirschenbaum, Alan *Israel*

Sessions 3B

Emergency Preparedness

0900 – 0930: A Plan for (Certain) Failure: The Prospects for More Realistic Emergency Plans; Brown, Christer Matteson; Eriksson, Kerstin Sweden

0930 – 1000: An Innovative
Capability Maturity Model
For Global Emergency And
Disaster Management; Krill,
Stephen J.; Dzirlo-Ayvaz,
Meliha
USA

1000 – 1030: Emergency
Management International:
Improving National and
International Disaster
Preparedness and
Response; Bruzewicz,
Andrew Joseph; Hecker,
Edward J.
USA

Sessions 3C

GIS

0900 – 0930: <u>Hybrid</u>
<u>Satellite-terrestrial Based</u>
<u>Solutions For Restauration</u>
<u>Of Telecom Infrastructures</u>
<u>After A Disaster;</u>
Thomasson Laurent:

Thomasson, Laurent; Boutry, Philippe; Berioli, Matteo; Courville, Nicolas *France & Germany*

0930 – 1000: Real-time
Automated Damage
Estimation using
Information Technology
and Spatial Imagery; Shim,
JaeHyun; Kim, JiTae;
Choi, WooJung; Jin,
KyeongHyeok
South Korea

1000 – 1030: The Study on Quick Assessment of Earthquake Catastrophe Based on the Real-time Disaster Information; Baokun, NING; Guosheng, QU P. R. China

Sessions 3D

ICT

0900 - 0930: Impact Data
Bases Due To Earthquakes:
Availability And Uncertanties;
Frolova, Nina; Larionov,
Valery; Bonnin, Jean

0930 – 1000: Emergency
Access to and Sharing of
Global Earthquake Disaster
Data - To establish a quick
information collection network
for disaster emergency
responses; Qu, Guosheng
P. R. China

1000 - 1030:

Russia

1030 - 1100 Coffee

2nd day – 18th June 2008 Keynotes 2: 1100 - 1230

Pandemic Simulation Update # 4 (Message handout passed out by session chair)

1100 – 1230 Keynotes 2: / Chair Charles Kelly, TIEMS Treasurer, USA

1100 – 1130 "Risk perception, Risk attitude, Risk Communication, Risk management: A Conceptual Appraisal"

Bernd Rohrmann, Professor, University of Melbourne, Australia

1130 – 1200 "System Integration and Information Sharing for the Emergency Response Systems of Beijing 2008 Olympic Games"

Ji Zhang, China

1200 - 1230 "ETSI / EMTEL Emergency Communication Activities"

Chantal Bonardi, France

2nd day – 18th June 2008

Exhibitors & Sponsors Speakers Corner / Parallel Session 3E + 3F: 1400 - 1530

Pandemic Simulation Update # 5 (Message handout passed out by session chairs)

Exhibitors & Sponsors

EXHIBITORS

- T-Soft, Czech Republic by/ Jaroslav Pejcoch
- UN Spider, Switzerland by / Georg Magerl

Sessions 3E

Business Continuity

1400 – 1430: <u>Business</u>
<u>Process Reengineering in</u>
<u>public sector</u>; Cestnik, Bojan;
Kern, Alenka **Slovenia**

1430 – 1500: The

Mechanism Of Coordinating
Emergency Prevention
Measures In Enterprises;
Olga, Shashkova
Russia

1500 – 1530: International
Convention on the Removal
of Wrecks, 2007 – a new
contribution to the safety of
navigation and maritime
environment protection;
Petrinović, Ranka; Plančić,
Bisera; Mandić, Nikola
Croatia

Sessions 3F

Emergency Analysis

1400 – 1430: Reduction of exhaust gas emission from ships; Jelic Mrcelic, Gorana; Sliskovic, Merica; Petrinovic, Ranka; Belamaric, Goran *Croatia*

1430 – 1500: Mathematical
Principle Of Analysis Of
Psychological Stressful
Condition Of People Which
Have Undergone Natural
Disasters And Accidents;
Bayda, Svetlana
Russia

1500 – 1530: Strategic Ambiguity Of The Term Critical Infrastructure; Ivanusa, Teodora; Podbregar, Iztok Slovenia

Simulation Update & Briefing

1400 – 1430 <u>Verbal</u>
<u>Briefing on Current Issues</u>
<u>Related to Pandemic</u>
<u>Simulation;</u>
Geary W. Sikich *USA*

Workshop

1430 – 1530 Workshop on forming a Network by TIEMS Membership and Chinese Expert Group to Establish an Expert Database for Training of Emergency Management on a Global Scale; Qu Guosheng, China, Nina Frolova, Russia Mehmood Lodhi, Pakistan

1530 - 1600 Coffee

2nd day – 18th June 2008 Parallel Sessions 4: 1600 – 1730

Sessions 4A

Business Continuity

1600 – 1630: Patterns of
Public Confidence in Major
Institutions' Business
Continuity Planning and
Disaster Response
Capabilities in the United
States: Newkirk, M. Glenn;
Sims, Helen A.
USA

1630 – 1700: Framework of Operational Continuity
Management Governance;
Lee, Youngjai; Lee, Seongil
South Korea

1700 – 1730:

Sessions 4B

Emergency Preparedness

1600 – 1630: <u>Bi-national</u>
Responses to Emergencies
and Disasters: Cooperation
between Mexico and the
United States; Tiefenbacher,
John P.; Hagelman III,
Ronald R.
USA

1630 – 1700:

Reconfiguration
Management of Crisis
Management Services; van
Veelen, Bernard; van
Splunter, Sander;
Wijngaards, Niek; Brazier,
Frances
Netherlands

1700 – 1730: Emergency Management Structure; Hagen, James *USA*

Sessions 4C

GIS

1600 – 1630: GIS based
Disaster Information
System & Meteorological
Early Warning System in
the Rize province of
Turkey; Şahin,
Muhammed & Al.
Turkey

1630 – 1700: Mobile
Mapping System For
Monitoring Soil Vertical
Movements And Road;
Manzoni, Giorgio; Sluga,
Tatiana; Martinolli, Shaula
Italy

1700 – 1730: UWB and
RFID based Context
Sensitive Emergency
Navigation System for
Critical Infrastructures;
Rüppel, Uwe; Stübbe, Kai
Marcus
Germany

Sessions 4D

ICT

1600 – 1630: Integration of CAP and TSO for improving the exchange of information between first responders: the REACT project; Delprato, Uberto; Cristaldi, Massimo; Gambardella, Antonio Italy

1630 – 1700: Integration Of Global Information-analytical Resources; Britkov, Vladimir B. *Russia*

1700 – 1730: Satellite
Telecommunications
Advanced Networks For
Global Monitoring
Environment & Security;
Aznar Abian, Veronica;
Defever, Sophie; Vo, Dinh-Phuoc
France

1730 – 1900 TIEMS ANNUAL Meeting 1900 – 2200 Prague City Tour

TIEMS Annual Conference 2008 3rd Day - 19th June 2008 Overview

3rd day - 19th June 2008

0900 - 1030 Parallel sessions 5

1030 - 1100 Coffee

1100 – 1230 Panel Discussion

1230 - 1400 Lunch

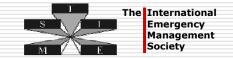
1400 – 1530 Posters Speakers Corner/ Parallel Sessions 5 E & F

1530 - 1600 Coffee

1600 - 1730 Parallel sessions 6

1730 – 1900 Exhibition & Posters Walkthrough

1900 – 2200 Gala Dinner with Closing Ceremony



3rd day – 19th June 2008 Parallel Sessions 5: 0900 – 1030

Pandemic Simulation Update # 6 (Message handout passed out by session chair)

Sessions 5A

Fire Fighting

0900 - 0930: <u>Dynamic</u>
<u>Information Management</u>
<u>during Fire Emergency</u>
<u>Response</u>; Prasanna, Raj;
Yang, Lili; King, Malcolm *UK*

0930 – 1000: Indoor
Location Of Rescuers In A
Complex Emergency
Management Scenario: The
Liaison Italian Fire Brigade
Test Case; Gambardella,
Antonio; Marzoli, Marcello;
De Piccoli, Fabio; Marasca,
Gianni
Italy

1000 – 1030: The Incident
Safety Officer's Critical Role
In Response Operations: A
Study of the Graniteville
Train Wreck and Chlorine
Gas Release; Smith, Susan
M.; Scott, Barbara
USA

Sessions 5B

Emergency Preparedness

0900 – 0930: Procedure and techniques to evaluate the collaboration between 'in the field' working emergency services; Van pellicom, Giedo D.H. Belgium

0930 – 1000: Emergency
Prevention And Occurrence:
Coordination In Measures
For Coal Mine Safety
Systems; Alexey, Puchkov
Russia

1000 – 1030: Awareness and Preparedness for Emergencies at Local Level (APELL) for Mining and its applications in Romania; Ozunu, Alexandru & Al. Romania

Sessions 5C

Critical Infrastructure
Protection

0900 - 0930:Barriers to better critical infrastructure protection; Benes, Ivan Czech Republic

0930 - 1000:

1000 - 1030:

Sessions 5D

ICT

0900 – 0930: Recent
Developments on TABIS (GIS
Standard for Turkey Disaster
information); Coskun, Mehmet
Zeki & Al.
Turkey

0930 – 1000: The
Transformation Of The
Structure Of Informational
Processes In Conditions Of
Occurrence And Development
Of The Emergency Events;
Valery, Ayurov
Russia

1000 – 1030: The role of information technology in maritime education for hazard avoidance; Gudelj, Anita; Krcum, Maja; Krcum, Predrag *Croatia*

3rd day – 19th June 2008 Panel Discussion: 1100 - 1230

1100 – 1230 Panel Discussion / Chair Guy Weets, General Manager of DRMC-Europe

1100 – 1130 "EU Research & Development Program / How to find a Good Partner and Join a Consortium and Make a Good Proposal?" Panel Introduction

Guy Weets, General Manager of DRMC-Europe, France

1130 – 1230 Panel Debate in Interaction with the Audience

Prepared Panel Presentations:

- Latif Ladid, President IPv6 Forum, Luxembourg
- Jaroslav Pejcoch, Managing Director T-Soft, Czech Republic
- "To be named"
- "To be named"
- "To be named"

3rd day – 19th June 2008 Posters Speakers Corners / Parallel Session 5E: 1400 - 1530

Posters Speakers Corner

- Safe Operation of the <u>Electrical Power System;</u>
 Krcum, Maja; Gudelj, Anita;
 Juric, Zdeslav
 Croatia
- 2. Gis-aided Emergency
 Management Activities In
 The World And Turkey: A
 Current Landscape; Erden,
 Turan; Coskun, Zeki
 Turkey
- 3. Selecting the "right stuff" Training and assessment of
 Offshore Installation
 Managers (OIMs) and
 crisis managers for the
 Norwegian Continental
 Shelf; Værnes, Ragnar
 Johan

Norway

4. Recent Tectonic Features
of Mid-Segment of the
North Anatolian Fault Using
GPS and InSAR
Techniques; Yavasoglu,
Hakan & Al.

Turkey

5. Datum Transformations of the Local Basemaps of Rize for RABIS (Rize Disaster Management System) Project; Altin, Mehmet Ugur & Al. Turkey

Session 5E

Training & Exercise

1400 – 1430: A train-thetrainer approach for developing Process Management of Crisis Team Exercises; Van der Haar, Selma; Wartna, Sjoerd; Nijhof, Irene; Van Lakerveld, Jaap Netherlands

1430 – 1500: <u>Team learning</u> in crisis situations: towards high reliability teams in Crisis <u>Management</u>; Van der Haar, Selma; Van Lakerveld, Jaap **Netherlands**

1500 – 1530: Strengthening learning from emergency responses; Borell, Jonas; Eriksson, Kerstin Sweden

Session 5F

Emergency Research

1400 - 1430:

Consequences of organizational restructuring in the energy sector. A review of existing research; Antonsen, Stian *Norway*

1430 – 1500: Towards a
Cl interdependencies
Research Framework;
Sarriegi, Jose M; Sveen,
Finn Olav; Torres, Jose M
Spain & Norway

1500 – 1530: Recent
Developments On The
Istanbul Disaster
Information System
Project; Şahin,
Muhammed & Al.
Turkey

Simulation

Update & Briefing

1400 – 1430: Final Update and Briefing on Pandemic Situation;
Geary W. Sikich

USA

Workshop

1430 – 1530 Workshop on forming a Network by TIEMS Membership and Chinese Expert Group to Establish an Expert Database for Training of Emergency Management on a Global Scale; Qu Guosheng China Nina Frolova, Russia Mehmood Lodhi, Pakistan

1530 - 1600 Coffee

3rd day – 19th June 2008 Parallel Sessions 6: 1600 – 1730

Sessions 6A

Fire Fighting

1600 – 1630: A
Contribution To The
Analyze Of Maritime
Accidents; Lusic, Zvonimir;
Erceg, Tonci
Croatia

1630 – 1700: Accident Scenarios For Marshalling Yards In The Netherlands: Private Or Public Fire Fighting; Rosmuller, Nils Netherlands

1700 – 1730: Implementing the Integrated Fire Management Planning (IFMP); Free, Norman John Australia

Sessions 6B

Training & Exercise

1600 – 1630: Mutual Aid
Emergency Response
Tabletop Exercises for Water
Utilities; Lagos, Alfredo;
Whitler, John; Riordan, Ray
USA

1630 – 1700: Computer

Mediated Tabletop

Exercises; Dilling, Janet D.;
Heffron-Casserleigh, Audrey
S.; Blanchard, Carrie; Knox,
Claire

USA

1700 - 1730:

Sessions 6C

Critical Infrastructure
Protection

1600 – 1630: Second order risk and vulnerability analyses; Eriksson, Kerstin; Borell, Jonas Sweden

1630 - 1700: Modelling Critical Infrastructure Interdependencies: Choosing a modelling technique; Sveen, Finn Olav: Torres. Jose M: Sarriegi, Jose M Norway & Spain 1700 - 1730: System Approach To Water Resources Emergency Management; Britkov, Vladimir Borisovich: Dubovsky, Sergey Vasilievich: Yezerova. Lubov V.; Zhigalkin, Sergey A. Russia

Sessions 6D

Workshop

1600 - 1730 Workshop on

forming a Network by
TIEMS Membership and
Chinese Expert Group to
Establish an Expert
Database for Training of
Emergency Management on
a Global Scale;
Qu Guosheng
China
Nina Frolova, Russia
Mehmood Lodhi, Pakistan

1730 – 1900 Exhibition & Posters Walkthrough 1900 – 2200 Gala Dinner with Closing Ceremony

Pandemic Simulation Critique – Dinner Presentation (15 minutes)