

## TIEMS 2011 ANNUAL CONFERENCE FINAL PROGRAM

**TIEMS 2011 Annual Conference Final Program, 7<sup>th</sup> – 10<sup>th</sup> June 2011 Bucharest**

**Tuesday 7<sup>th</sup> June 2011**

<b>Tuesday 7<sup>th</sup> June 08:00 – 09:00</b>	<b>Registration</b>	
	<b>Welcome/Opening</b>	
<b>09:00 - 10:15</b>	<b>Session Chair: Stela Petrescu,</b> Ministry of Regional Development and Tourism, Romania	<b>Session Co-Chair: Guosheng Qu</b> TIEMS Regional Director for Asia, China
<b>09:00 – 09:30</b>	Welcome/Opening	
<b>09:30 - 10:00</b>	<i>The Romanian Emergency Management System,</i> Col. Marcel Lucaciu, General Inspectorate for Emergency Situations	
<b>10:00 - 10:15</b>	<i>People and Philosophies Progressing in TIEMS - Almost a Symbiosis of Technology and Psychology,</i> Professor Emeritus Bernd Rohrmann, TIEMS Honorary Member	
<b>10:15 – 10:45</b>	<b>Coffee Break</b>	
<b>10:45 – 13:15</b>	<b>Keynote Plenary Session</b>	
	<b>Session Chair: Aurel Bilanici,</b> TIEMS Romanian Chapter President	<b>Session Co-Chair: Jack Zhang</b> TIEMS Director for Communication & Publications; China
<b>10:45 – 11:15</b>	<i>TIEMS Status and Future Plans,</i> TIEMS President K. Harald Drager	
<b>11:15 – 11:45</b>	<i>Failures and Successes Observed in 2011 Tohoku Japan Earthquake,</i> Dr. Kit Miyamoto, Miyamoto International and Global Risk Miyamoto, USA	
<b>11:45 - 12:15</b>	<i>Future Public Safety Communication Systems,</i> Morten Alexander Gustavsen, Unified Messaging Systems AS, Norway	
<b>12:15 - 12:45</b>	<i>Global Disaster Management Education,</i> James Hagen, Saint Xavier University, USA	
<b>12:45 – 13:15</b>	<i>Integrated Disaster Information Analysis for Compound Disaster Risk Assessing,</i> Tae Sung, National Institute for Disaster Prevention, Korea	

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<b>13:15 – 14:15</b>	<b>Lunch Break</b>			
<b>14:15 – 15:45</b>	<b>Environmental Risk Assessment</b>	<b>Counter - Terrorism Strategies</b>	<b>Social Perceptions</b>	<b>Workshop on "SOLUZION Early Warning Systems"</b>
	<b>Session chair</b> <i>Nils Rosmuller, Netherlands</i>	<b>Session chair</b> <i>Alan Jones, UK</i>	<b>Session chair</b> <i>Charles Kelly, USA</i>	<b>Session chair</b> <i>Garry de la Pomerai, UK</i>
	<b>Session co-chair</b> <i>Septimius Mara, Romania</i>	<b>Session co-chair</b> <i>Dragos Basmaluta, Romania</i>	<b>Session co-chair</b> <i>Mihai Grigorean, Romania</i>	<b>Session co-chair</b> <i>Jack Zhang, China</i>
<b>14:15 – 14:45</b>	<i>Natural risk assessment and management with information technology application</i> Nina Frolova, Valery Larionov, Jean Bonnin, Institute of Environmental Geosciences, Russian Academy of Sciences, Seismological Center, Russian Federation	<i>Qualitative Research on Terror Network Influence in Indonesia</i> Melissa Peach, Audrey Heffron Casserleigh, Florida State University, United States of America	<i>Community resilience to flooding: key personal attributes of social responsibility</i> Robby Soetanto, Aaron Mullins, Coventry University, United Kingdom	<i>The SOLUZION product range offers a dynamic opportunity to develop real time early warnings directly into the Home, Office, School, Hospital, Emergency Services, the Military facilities, Utilities and other critical infrastructure and indirectly via SMS or Pager messaging integration to support the ever increasing more reliable prediction sciences, giving vital reactionary seconds before the destructive forces hit. Mobile sensor alarms packs have been assemble for USAR and Local Emergency Teams in field.</i>
<b>14:45 – 15:15</b>	<i>Romania's energy sector seismic risk assessment</i> Stela Petrescu, Daniel Popa, Ministry of Regional Development and Tourism, Romania	<i>An Organizationally Based Delineation of Foreign Terror Organizations</i> Brad Skillman, Audrey Heffron Casserleigh, Florida State University, United States of America	<i>Civil response to 10 disasters and major accidents in The Netherlands</i> Nancy Oberijé, Karin Groenewegen-Ter Morsche, Menno Van Duin, NIFV, The Netherlands,	
<b>15:15 – 15:45</b>	<i>Critical infrastructure risk assessment in electric power distribution</i> Jaroslav Pejcoch, Martin Bilek, T-SOFT, CEPS, Czech Republic	<i>Terrorists Exploitation of Information and Communication Technologies (ICTs)</i> Chris Church, David Merrick, Jarrett Broder, Florida State	<i>SHOCK! Human Behaviours When Disasters Strike</i> A. Alex Fullick, Stone Road Inc, Canada	

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		University, United States of America		
<b>15:45 – 16:15</b>	<b>Coffee Break</b>			
<b>16:15 – 17:45</b>	<b>Environmental Risk Management</b>	<b>Counter - Terrorism Strategies - continued</b>	<b>Seismic Risk Management</b>	<b>Workshop on "Communication – Key Tool for Risk Management"</b>
	<b>Session chair Ranko Britvic, Croatia</b>	<b>Session chair Laurentiu Balcu, Romania</b>	<b>Session chair Iancovici Mihai, Romania</b>	<b>Session chair K. Harald Drager, Norway</b>
	<b>Session co-chair Alexandru Ozunu, Romania</b>	<b>Session co-chair Melissa Peach, United States of America</b>	<b>Session co-chair Guosheng Qu, China</b>	<b>Session co-chair Carmen Dumitriu, Romania</b>
<b>16:15 – 16:45</b>	<i>Risk Management Practices in the Saudi Business Organizations: a Case Study of the City of Jeddah</i> Naill M. Momani, Ayman S. Fadil, King Abdul Aziz University, Saudi Arabia	<i>Game Theory and Counter-Terrorism Strategy and Policy Development</i> Keeley McCoy, Audrey Heffron Casserleigh, Florida State University, United States of America	<i>Seismic Risk Management of Civil Buildings in Romania Based on the Incremental Seismic Rehabilitation Concept</i> Andreea Dutu, João Gomes Ferreira, Cristian Sandu, The National Research and Development Institute URBAN-INCERC, Bucharest, Romania; ICIST/DECivil/IST, Technical University of Lisbon, Portugal, SC TRAINIC PROIECT SRL, Bucharest, Romania	<i>The very recent events all over the world but also the more and more pro-active initiatives of key actors inside European area and Global Village had as a positive impact the commitment of not few professional groups to make effective contributions based on the specific models of their field in order to provide tools for risk management</i>
<b>16:45 – 17:15</b>	<i>The role of sustainable urban development in reducing the flooding disaster incidence in Iranian cities: the City of Neka</i>	<i>Bioterrorism - The Nature of the Threat and How Could We Prepare for It</i> Alena Pejcochova, Police Academy of the Czech	<i>Retrofit strategies and guidelines for public schools and hospitals in Istanbul, Turkey</i> H. Kit Miyamoto, Amir S.J.	

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	Farshad Nourian, Motahareh Khaleghi Terojeny, University of Tehran, Islamic Republic of Iran	Republic, Czech Republic	Gilani, , Miyamoto International, United States of America	
<b>17:15 – 17:45</b>	<p><i>Potential approaches to the development of earthquake loss scaling from a macroeconomic perspective. the use and the interpretation of GESKEE - disaster scale results</i></p> <p>Cosmin Filip, Emil-Sever Georgescu, Faculty of Civil Engineering, Ovidius University of Constanta, Romania, The National Research and Development Institute URBAN-INCERC, Bucharest, Romania</p>		<p><i>A GIS-Based Software Platform for the Seismic Risk Assessment of Buildings in Romania</i></p> <p>Iolanda-Gabriela Craifaleanu, Dan Lungu, Radu Vacareanu, Ovidiu Anicai, Alexandru Aldea, Cristian Arion, Technical University of Civil Engineering Bucharest, National R&amp;D Institute URBAN-INCERC, Institute for Computers, ITC S.A., Bucharest, Romania</p>	
<b>18:00 – 20:00</b>	<b>Welcome Reception</b>			

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**Wednesday 8<sup>th</sup> June 2011**

<b>Wednesday 8<sup>th</sup> June 08:00 – 09:00</b>	<b>Registration</b>			
<b>09:00 – 10:30</b>	<b>Emergency Situations Management – in Romanian</b>	<b>Information Systems to Support Emergency Response</b>	<b>Seismic Risk Management – continued</b>	<b>Damage assessment</b>
	<b>Session chair <i>Alan Jones, UK</i></b>	<b>Session chair <i>Jaroslav Pejcoch, Czech Republic</i></b>	<b>Session chair <i>Nina Frolova, Russia</i></b>	<b>Session chair <i>Guosheng Qu</i></b>
	<b>Session co-chair <i>Radu Dragomir, Romania</i></b>	<b>Session co-chair <i>Vasile Meita, Romania</i></b>	<b>Session co-chair <i>Dan Lungu, Romania</i></b>	<b>Session co-chair <i>Alexandru Aldea</i></b>
<b>09:00 – 09:30</b>	<i>An insight on dispersion of pollutants in underground media in relation with emergency response</i> Prof. dr. Calin Baci, Babeş-Bolyai University of Cluj-Napoca, Faculty of Environmental Science and Engineering, Romania	<i>A System Infrastructure to Handle Large Data Stream Exchange and Collaboration during Evolving Environment Crises</i> Stefan Poslad, Siamak Tavakoli, Ilesh Dattani Ran Tao, Rainer Häner Queen Mary University of London, United Kingdom, Q-Sphere, United Kingdom Helmholtz Centre Potsdam, Germany	<i>INFORISX: Information Website on the Seismic Risk of Romania</i> Iolanda-Gabriela Craifaleanu, Emil Sever Georgescu, Ioan Sorin Borcia, Alexandru Aldea, Radu Vacareanu, Cristian Arion, National R&D Institute URBAN-INCERC, INCERC Bucharest Branch, Technical University of Civil Engineering Bucharest, Romania	<i>Damage assessment of affected areas using satellite imagery during the floods in Romania,</i> Alina Radutu, Dragos Bratanu, Ion Nedelcu, Maria Ioana Vlad, Romanian Space Agency, Romania
<b>09:30 – 10:00</b>	<i>Steps and application of emergency management</i> Gheorghe Dan, Satu-Mare County Inspectorate for Emergency Situations, Romania	<i>Information Systems Architecture for Supporting Fire Emergency Response</i> Raj Prasanna, Lili Yang, Malcolm King, Loughborough University, United Kingdom	<i>National Centre for Seismic Risk Reduction and Japan International Cooperation Agency Technical Cooperation Project in Romania</i> Radu Vacareanu, Alexandru Aldea, Cristian Arion, Dan Lungu, UTCB, Romania	<i>The Correlation of the Place Attachment Levels of Disaster Victims in New and Old Settlement</i> Hakan Arslan, Alper Unlu, Duzce University, Istanbul Technical University Turkey

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<b>10:00 – 10:30</b>	<p><i>Information Sharing in Emergency Management for Sustainable Development and Resiliency</i>                  Chuck Dolejs, ESI, United States of America</p>	<p><i>Assessment of dispersion modelling and GIS mapping tools to support Emergency Response operations</i>                  Nils Rosmuller, Hans Boot, Reinier Sterkenburg, Mark Spruijt, TNO, The Netherlands</p>	<p><i>Citizens Earthquake Preparedness In Romania: Towards A New Conceptual Approach For A Training Platform And Facility In URBAN-INCERC</i>                  Vasile Meita, Daniela Dobre, Emil-Sever Georgescu, Cristian Paul Stamatiade, Luminita Valceanu, The National Institute for Research and Development URBAN-INCERC, Romania, MDRT-Ministry of Regional Development and Tourism, Bucharest, Romania</p>	<p><i>Supporting authorities in multi-risk prevention: assessing damages and potential affected people</i>                  Nathalie R. Stephenne, Han Tambuyzer, Ides Bauwens, Nicolas Dosselaere, Liviu Rusu, Eurosense, Belgium, Eurosense, Romania</p>
<b>10:15 – 10:30</b>	<b>Coffee Break</b>			
<b>10:30 – 14:30</b>	<b>Keynote Plenary Session</b>			
	<b>Session Chair: K. Harald Drager,</b> TIEMS President		<b>Session Co-Chair: Marcel Lucaciu,</b> Romania	
<b>10:30 – 11:00</b>	<i>A Breakthrough in the Earthquake Disaster Mitigation Education,</i> Yukio Fujinawa, Risk Control Association, Japan			
<b>11:00 – 11:30</b>	<i>Integrated Monitoring, Informing and Public Warning System for Emergency Situation in Romania,</i> Gabriel Petrescu, ROKURA SRL, Romania			
<b>11:30 - 12:00</b>	<i>Adaptive Learning in Disaster Management for Community Awareness and Resilience: Thailand Case Study on Tsunami Early Warning and Mitigation Systems,</i> Cherdsak Virapat, International Ocean Institute, Malta			
<b>12:00 - 12:30</b>	<i>Romanian Emergency Management Information System Architecture,</i> Victor Gradinescu, S&T Romania, Romania			
<b>12:30 – 13:00</b>	<i>Natural Hazards Mitigation under Sustainable Development Framework</i> Eugen Curteanu, State secretary in the Ministry of Regional Development and Tourism, Romania			

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<b>13:00 – 13:30</b>	<i>Reasonable Earthquake Disasters Emergency Responses and on-site Multi-sub Operation Coordination Models</i> , Guosheng Qu, Chief Engineer, National Earthquake Response Support Service (NERSS), CEA, China			
<b>13:30 – 14:30</b>	<b>Lunch Break</b>			
<b>14:30 – 16:00</b>	<b>Emergency Situations Management Case Studies – in Romanian</b>	<b>Technologies for Emergency Management</b>	<b>Seismic Risk Management - continued</b>	<b>Medical management</b>
	<b>Session chair</b> <i>Jaroslav Pejcoch, Czech Republic</i>	<b>Session chair</b> <i>Snjezana Knezic, Croatia</i>	<b>Session chair</b> <i>Kit Miyamoto, Japan</i>	<b>Session chair</b> <i>Charles Kelly, USA</i>
	<b>Session co-chair</b> <i>Sever Georgescu, Romania</i>	<b>Session co-chair</b> <i>Corneliu Grigorean, Romania</i>	<b>Session co-chair</b> <i>Radu Vacareanu, Romania</i>	<b>Session co-chair</b> <i>Dan Manastireanu, Romania</i>
<b>14:30 – 15:00</b>	<i>Anthropic geologic risks in Alba County</i> Cornel Oprisa, Alba County Inspectorate for Emergency Situations, Romania	<i>Sensor Data Meaning Extraction for Emergency Response</i> Prof. Shuang-Hua Yang, Yang, Yanning, Dr. Andrew May, Loughborough University, United Kingdom	<i>Seismic Risk Versus Real Estate Risk for the Bucharest Heritage Buildings</i> Dan Lungu, Cristian Arion, Radu Vacareanu, Alexandru Aldea, Technical University of Civil Engineering, Bucharest, Romania	<i>Medical management of victims imprisoned after earthquakes collapsed structures</i> Dan Manastireanu, prof. Nicolae Steiner, Titu Maiorescu University, Medical Faculty, Bucuresti, Romania
<b>15:00 – 15:30</b>	<i>Managing an emergency situation involving chlorine near Sibiu</i> Cosmin Balcu, Sibiu County Inspectorate for Emergency Situations, Romania	<i>A Study on Quick-Hit Approach for RA and BIA in BCP</i> Youngjai Lee, Woonggyu Choi, Sung-Pyo, Dongguk University, Graduate School, Republic of South Korea	<i>Seismic retrofit of the Iasi City Hall building using seismic protective devices</i> H. Kit Miyamoto, Amir S.J.Gilani, Lon Determan, Miyamoto International, United States of America	<i>Health Implications of Flood Disaster Management in South Africa</i> Roman Tandlich, Catherine D. Luyt, Wilhelmine J. Muller, Brendan S. Wilhelmi, Rhodes University, South Africa
<b>15:30 – 16:00</b>	<i>Maramures County - and its critical infrastructure</i> Eugen Nour, Maramures County Inspectorate for Emergency Situations,	<i>ICT (Information and Communication Technologies) Driven Adaptive C3 ( Collaboration- Coordination- Cooperation ) - M3 ( Man-</i>	<i>Evaluation of the recent earthquake activity all over the world</i> Septimius Mara, Serban-Nicolae Vlad, Ministry of	<i>Optimized Patient Evacuation Norway (OPEN), - A future standard in global disaster approach?</i> Robert Sunde, LESS AS,

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	Romania	<i>Machine- Management) Framework in Emergency</i> Pradeep K. Chande, Rajesh Sodhani, Yeshwant Maheshram, Truba Group of Institutes, Indore(MP), India	Environment and Forests, Romania, Ecological Faculty, The Ecological University, Bucharest, Romania	Norway
<b>16:00 – 16:30</b>	<b>Coffee Break</b>			
<b>16:30 – 18:00</b>	<b>New Perspectives of Emergency Situations Management – in Romanian</b>	<b>Technologies for Risk Assessment</b>	<b>Seismic Risk Management - continued</b>	<b>Poster session</b>
	<b>Session chair</b> <i>Horatiu Vasii, Romania</i>	<b>Session chair</b> <i>Mohammed Shuaib, Iraq</i>	<b>Session chair</b> <i>Sorin Demetriu, Romania</i>	<b>Session chair</b>
	<b>Session co-chair</b> <i>Ranko Britvic, Croatia</i>	<b>Session co-chair</b> <i>Anca Andreea Popescu, Romania</i>	<b>Session co-chair</b> <i>Nina Frolova, Russia</i>	<b>Session co-chair</b> <i>Iolanda Craifaleanu, Romania</i>
<b>16:30 – 17:00</b>	<i>How to scale up a disaster response project? An NGO perspective</i> Mihai Grigorean, Habitat for Humanity Romania	<i>Automatic Settlement Dynamic Monitoring using Multitemporal Earth Observation Images</i> Anca Andreea Popescu, Corina Vaduva, Carmen Patrascu, Teodor Costachioiu, Inge Gavati, Mihai Datcu, University Politehnica Bucharest, Romania; German Aerospace Center, Germany	<i>Emergency management in Romanian earthquakes: casualty patterns vs. search and rescue needs. case studies of Vrancea 1940 and 1977 earthquakes</i> Emil-Sever Georgescu, Antonios Pomonis, The National Institute for Research and Development URBAN-INCERC, Romania, Risk Management Solutions Inc., Athens, Greece	<i>A System For Interdisciplinary Assessment Of Earthquake Effects On Built Environment In Romania</i> Claudiu Sorin Dragomir, Emil-Sever Georgescu, Ioan Sorin Borcia, Cristian Paul Stamatiade, Mihaela Bontea, The National Research and Development Institute URBAN-INCERC, Bucharest, MDRT-Ministry of Regional Development and Tourism, Bucharest, Romania
<b>17:00 – 17:30</b>	<i>Victims' management bureau within the county inspectorate for emergency situations</i>	<i>Infrastructure Monitoring and Assessment based on High Resolution Earth Observation Images</i>	<i>Need for Regional Harmonization of Vrancea Seismic Hazard</i> Alexandru Aldea, Radu	

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	Liviu Popescu, Argeş County Inspectorate for Emergency Situations, Romania	Daniela Faur, Anca Andreea Popescu, Corina Vaduva, Carmen Patrascu, Inge Gavat, Dragos Bratasanu, Mihai Datcu, University Politehnica Bucharest, Romania; Romanian Space Agency; German Aerospace Center	Vacareanu, Dan Lungu, Cristian Vasile Arion, UTCB, Romania	
<b>17:30 – 18:00</b>	<i>Voluntary Corp of Bucharest</i> Valentin Stan, Aurel Vlaicu, Rares Musat, Costica Moisa, SMART - Telecom Consulting, Bucharest Citty Hall, Romania	<i>Data sharing and integration initiatives for crisis management - What are the benefits of INSPIRE, GEOSS, SEIS and Co.?</i> Denis Havlik, Gunter Zeug, Christoph Aubrecht, Klaus Steinnocher, Austrian Institute of Technology, Austria; European Environment Agency, Denmark	<i>Massive global damage assessment program and ongoing reconstruction strategy in Haiti in the aftermath of the 2010 earthquake</i> H. Kit Miyamoto, Amir S.J. Gilani, Miyamoto International, United States of America	
<b>18:00 – 20:00</b>	<b>TIEMS Annual Meeting</b>			
<b>20:00 – 22:30</b>	<b>Concert</b>			

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**Thursday 9<sup>th</sup> June 2011**

<b>Thursday 9<sup>th</sup> June 08:00 – 09:00</b>	<b>Registration</b>			
<b>09:00 – 10:30</b>	<b>Emergency Management Training</b>	<b>Disaster Recovery</b>	<b>Disaster Analysis</b>	<b>Workshop on "TIEMS Research and Development Project Service for Members"</b>
	<b>Session chair: <i>Jack Zhang, China</i></b>	<b>Session chair <i>Marcel Lucaciu, Romania</i></b>	<b>Session chair <i>Alan Jones, UK</i></b>	<b>Session chair <i>Cerasela Tanasescu, Romania</i></b>
	<b>Session co-chair <i>Stela Petrescu, Romania</i></b>	<b>Session co-chair <i>Ranko Britvic, Croatia</i></b>	<b>Session co-chair <i>Cristian Arion, Romania</i></b>	<b>Session co-chair <i>K. Harald Drager, Norway</i></b>
<b>09:00 – 09:30</b>	<i>Integrating Applied Emergency Management into the Academic Environment</i> Audrey Heffron Casserleigh, Jarrett Broder, Florida State University, United States of America	<i>FP7 Project ACRIMAS - Aftermath Crisis Management System-of-Systems Demonstration - Phase I</i> Hans-Martin Pastuszka, Merle Missoweit, Marcel van Berlo, Martin Hamrin, Fraunhofer INT, Germany, TNO, The Netherlands, FOI, Sweden	<i>Developing an Intelligent System for the Analysis of Signs of Disaster</i> Youngjai Lee, Sungpyo Hong, Dongguk University, Republic of South Korea	TIEMS Officer for Coordination of TIEMS Research and Development Activities shall engage in the following: <i>Starting from TIEMS members needs, develop a research development plan with TIEMS Director for Scientific Program and President, and be responsible for the execution of the plan. Involve TIEMS members in various cooperation research programs and projects. Develop and maintain a cooperation strategy in research between TIEMS members.</i>
<b>09:30 – 10:00</b>	<i>Training safety managers to understand effective emergency preparedness &amp; response</i> Susan M. Smith, James Hagen, Dan Della-Giustina, Indiana University, Saint Xavier University, West Virginia University, United States of America	<i>A tale of Two Cities: Leadership in Organisational Recovery Post Significant Natural Disaster</i> Paul Swain, ACT Fire Brigade, Australia	<i>Landslide hazard map and risk assessment. Case study Tibanesti commune, Iasi County (Romania)</i> Emilia Elena Milutinovici, Search Corporation, Romania	<i>Keep a continuous dialogue with the members of TIEMS International Program Committee, and involve them</i>
<b>10:00 – 10:30</b>	<i>Romania's emergency management international</i>	<i>Disasters in Nepal and Beyond: Policy to Action</i>	<i>NGN Platforms for control and delivery of services to be</i>	

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	<i>training course</i> Stela Petrescu, Vlad Popescu, Ministry of Regional Development and Tourism, Romania	Prof. Meen Poudyal Chhetri, Disaster Preparedness Network-Nepal (DPNet), Nepal	<i>used for communication during emergency and crisis management</i> Lucia Maria De Francesco, Flavio Giovanelli, Francesco Pistillo, Sara Grilli, Luca Ardito, Jose Felipe Mejia Bernal, Maurizio Morisio, CEFRIEL, ICT Center of Excellence for Research, Innovation, Education and Industrial Labs Partnership, Milan, Italy, Politecnico di Torino, Dept. of Control and Computer Engineering, Turin, Italy	<i>in the development of diverse research programs. Maintain and update the web-site information for research opportunities.</i>
<b>10:30 – 11:00</b>	<b>Coffee Break</b>			
<b>11:00 – 13:00</b>	<b>Keynote Plenary Session</b>			
	<b>Session Chair: Ranko Britvic,</b> National Protection and Rescue Directorate, Croatia		<b>Session Co-Chair: Carmen Dumitriu</b> Ministry of Regional Development and Tourism, Romania	
<b>11:00 – 11:30</b>	<i>The Application of Internet of Things (IOT) for a “Smart” Emergency Management System in China,</i> Ji Zhang, Beijing Harmony Technologies Company, China			
<b>11:30 – 12:00</b>	<i>Istanbul Earthquake Rapid Response System: Current Practices and Future Developments,</i> A. Can Zulfikar, Bogazici University, Kandilli Observatory & Earthquake Research Institute, Earthquake Engineering Department, Turkey			
<b>12:00 - 12:30</b>	<i>Natech Disasters in Romania,</i> Prof. dr. Alexandru Ozunu, Babeş-Bolyai University of Cluj-Napoca, Faculty of Environmental Science and Engineering, Romania			
<b>12:30 - 13:00</b>	<i>Information Systems to Support on Site Emergency Response Operations,</i> Professor Lili Yang, Loughborough University, United Kingdom			
<b>13:00 – 14:00</b>	<b>Lunch Break</b>			

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<b>14:00 – 15:30</b>	<b>Evacuation Management</b>	<b>Emergency Support</b>	<b>Risk reduction</b>	<b>Workshop on "TIEMS International Education, Training and Certification Program"</b>
	<b>Session chair <i>Robert Sunde, Norway</i></b>	<b>Session chair <i>Young-Jai Lee, Korea</i></b>	<b>Session chair <i>Jaroslav Pejcoch, Czech Republic</i></b>	<b>Session chair <i>Jim Hagen</i></b>
	<b>Session co-chair <i>Nicolae Steiner, Romania</i></b>	<b>Session co-chair <i>Dragos Bratasanu, Romania</i></b>	<b>Session co-chair <i>Daniela Faur, Romania</i></b>	<b>Session co-chair <i>K. Harald Drager, Norway</i></b>
<b>14:00 – 14:30</b>	<i>Evacuation during Natural Disasters in Japan</i> Norio Maki, Kyoto University, Japan	<i>New aspects of emergency decision support for ships in distress</i> Marko Mladineo, Nenad Mladineo, Snjezana Knezic, University of Split, Croatia	<i>Urban strategies for risk reduction in central protected area - study case Bucharest</i> Cristina Olga Gociman, Maria Bostenaru Dan, Tiberiu Florescu, The University of Architecture and Urbanism "Ion Mincu" Bucharest, Romania	<i>TIEMS China Chapter has expressed the need for developing a program in China for emergency and disaster education, training and certification. Such a Program may also be needed in other countries worldwide. Other available international education and certification programs are evaluated and their strong sides as well as weak sides 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.</i>
<b>14:30 – 15:00</b>	<i>Evacuation management of the eruptive crises of Merapi volcano Indonesia</i> Estuning Tyas Wulan Mei, Faculty of Geography Gadjah Mada University Indonesia, University Paris 1 Pantheon Sorbonne France	<i>Knowledge and experience sharing among military forces for disaster management: learning from each other</i> Colonel Amardeep Bhardwaj, India	<i>Asymmetric technologies and IT platforms integrating various emergency management agencies</i> Corneliu Grigore, Team Net, Romania	<i>TIEMS China Chapter has expressed the need for developing a program in China for emergency and disaster education, training and certification. Such a Program may also be needed in other countries worldwide. Other available international education and certification programs are evaluated and their strong sides as well as weak sides 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.</i>
<b>15:00 – 15:30</b>	<i>Repatriation of U.S. Citizens After the Haiti 2010 Earthquake: New Challenges and their Lessons</i> Malaika Samples, Janet	<i>Disaster Inc: Why Corporations Suffer in Crises,</i> Alex Fullick, Stone Road Inc, Canada		<i>TIEMS China Chapter has expressed the need for developing a program in China for emergency and disaster education, training and certification. Such a Program may also be needed in other countries worldwide. Other available international education and certification programs are evaluated and their strong sides as well as weak sides 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.</i>

## TIEMS 2011 ANNUAL CONFERENCE FINAL PROGRAM

	Dilling, Florida State University, United States of America			
<b>15:30 – 16:00</b>	<b>Coffee Break</b>			
<b>16:00 – 20:00</b>	<b>Technical/Training Centre Visit</b>			
<b>20:00 – 22:30</b>	<b>Gala Dinner</b>			

## TIEMS 2011 ANNUAL CONFERENCE FINAL PROGRAM

**Friday 10<sup>th</sup> June 2011**

<b>Friday 10<sup>th</sup> June 08:00 – 09:00</b>	<b>Registration</b>	
<b>08:00 – 10:30</b>	<b>Keynote Plenary Session</b>	
	<b>Session Chair: Alexandru Ozunu,</b> Babeş-Bolyai University of Cluj-Napoca, Romania	<b>Session Co-Chair: Jaroslav Pejcoch</b> TIEMS Director for Scientific Program
<b>08:30 – 09:00</b>	<i>Risk Registry and its Application in Romania,</i> Horatiu Vasii, Mobius Solutions, Romania	
<b>09:00 – 09:30</b>	<i>Technologies and Concepts for Urban Safety,</i> Dragos Basmaluta, MIRA Telecom, Romania	
<b>09:30 – 10:00</b>	<i>Business Continuity vs Social Responsibility in Critical Infrastructure Protection,</i> Radu Dragomir, UTI System, Romania	
<b>10:00 – 10:30</b>	<i>TIEMS Member Service on Research Activity,</i> Cerasela Tanasescu, ESSEC Business School, Romanian Research Center, Romania	
<b>10:30 – 11:00</b>	<b>Coffee Break</b>	
<b>11:00 – 13:00</b>	<b>Closing 2011 Annual Conference</b>	
	<b>Session Chair: K. Harald Drager</b> TIEMS President	<b>Session Co-Chair: Stela Petrescu,</b> Ministry of Regional Development and Tourism, Romania
<b>11:00 – 11:30</b>	<i>Welcome to TIEMS Annual Conference 2012 in Mumbai, India</i> Madhav Maroju, TIEMS India Chapter President	
<b>11:30 – 13:00</b>	<b>Transfer of TIEMS Flag to TIEMS 2012 in Mumbai, India</b> <b>Sum up 2011 Conference, Conclusions and Closing</b>	
<b>13:00 – 14:00</b>	<b>Lunch Break</b>	
<b>14:00 – 18:00</b>	<b>Guided Tour on the City</b>	

7<sup>th</sup> – 10<sup>th</sup> June 2011  
Bucharest