

9-21 September, 2011 Istanbul, Turkey

ADDRESS BY THE WORLD FORUM'S ORGANIZERS



Occurrence of natural cataclysms during the whole history of Earth's geological development was not the same as periods of relative stability would alternate with periods of maximum activity.



In recent years, the number and energy of natural cataclysms have risen sharply. Expert estimates of natural disaster dynamics by IPCC UNO, IC GCGE GEOCHANGE and other international bodies reveal the persisting tendency of the number and energy of the natural cataclysms caused by anthropogenic and natural factors to grow.



Humanity ought to find methods and ways of consolidating efforts to jointly confront natural cataclysms, adopt new international regulations, establish additional bodies to effectively manage emergency situations and develop procedures on formation of special financial foundations and justified distribution of financial resources in disaster-stricken areas.



Efficient planning of the world's financial system largely depends on correct assessment of the tendencies of global environmental change and possible scale of natural cataclysms in the near future.



THIS WORLD FORUM'S MISSION is to bring together leading scientists, experts, representatives of international organizations and governments, members of parliaments and other legislative bodies from different countries to develop a plan of joint actions and the basics of an international program for reducing risks and mitigating negative consequences of natural cataclysms.



UNITED TO SAVE THE FUTURE OF OUR CHILDREN



Organizers



International Committee on issues of Global Changes of the Geological Environment, "GEOCHANGE"(Munich, Germany) www.geo-change.org



World Organization for Scientific Cooperation (WOSCO, UK, London)
www.wosco.org



Global Network for the Forecasting of Earthquakes (GNFE, UK, London) www.seismonet.org

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Background

During the last few years, scientists around the world have been witnessing alarming changes in the environment; these changes are of global significance for the entire planet. Global changes can now be observed throughout all of the Earth, including its core, mantle, lithosphere, hydrosphere, atmosphere, ionosphere, and magnetosphere.

Based on data analysis for earthquakes, volcanic eruptions, tsunamis and other geological and geophysical processes, it demonstrates that the Earth's geodynamical activity has been continuously increasing over the last 100 years; the tendency has even significantly intensified during the recent decades. This is reflected in the number of fatalities and extent of economic damage caused by natural disasters. A similar situation can be observed in the atmospheric processes, a fact that has been repeatedly indicated in the UN IPCC (Intergovernmental Panel on Climate Change) reports. When combined, global environmental changes caused by anthropogenic and natural factors amplify the resulting negative effect on the progress of civilization.

According one of the world's largest insurance companies Swiss Re (Switzerland), economic damage from natural disasters in 2010 alone totaled \$ 222 billion, which is three times the economic losses for the year 2009 (\$ 63 billion). According to the report by the UN Economic Commission of for Latin America and the Caribbean (ECLAC/CEPAL), 2010 natural disasters have killed 300,000 people in Latin American countries, with material damage amounting to 49.4 billion dollars.

It has to be acknowledged that humankind is not prepared to enter the global natural cataclysms era, either technologically, economically, legally, or psychologically. A joint effort by scientists, international organizations and governments of different states under the aegis of the UN is needed in order to take effective measures to counter natural disasters and to minimize the casualties and damage they cause to humanity.

The International Congress will bring together representatives of all interested countries and organizations to convene an emergency forum and collectively discuss the most topical problems with the purpose to reduce casualties and damage caused by natural disasters. The ultimate goal of the Congress is to discuss and approve the "INTERNATIONAL EMERGENCY PROGRAM TO REDUCE RISKS AND NEGATIVE CONSEQUENCES OF NATURAL CATACLYSMS" developed jointly by the International Committee GEOCHANGE, WOSCO, GNFE and a group of international experts aimed to prepare a set of international laws on cooperation of the world community in disaster-stricken areas, prediction of natural disasters, earthquake engineering and other important issues. Following a Congress resolution, the program will be presented to the UN Secretary-General and sent to all countries' leaders and legislative bodies for consideration and appropriate action. There are some special sections of the Congress: the General Assembly of the International Committee GEOCHANGE on Global Environmental Change and the International Conference "Earthquake Forecasting -2011". We can already state that the Congress is going to be attended by representatives of more than 100 countries, with prominent scientists, members of parliaments and governments of various countries, famous social activists and policymakers among them.

IMPORTANT DATES











Congress dates: 19-21 September 2011

Announcement

First announcement: February 2011 Second announcement: May 2011

Third announcement & congress program: August 2011

Registration

Online Registration Opens: 01 February 2011
Early Registration: 01 February 2011 – 15 May 2011
Standard Registration: 16 May 2011 – 31 July 2011
Late Registration: 01 August 2011 – 31 August 2011

Abstract submission

Abstract submission opens: 12 February 2011
Abstract submission deadline: 31 May 2011

Abstract acceptance notification: Early June 2011

Manuscript submission

Manuscript submission opens: 09 July 2011
Manuscript submission deadline: 20 August 2011

Exhibition

Exhibitor registration deadline: 15 August 2011

Exhibition dates: 19-20 September 2011

Congress Sections

SECTION 1 - Earth Sciences



- Geosphere (earthquakes, volcanic eruptions, landslides, geophysics, geotectonics, geodynamics etc)
- Hydrosphere (tsunamis, floods, mudslides etc)
- Atmosphere (hurricanes, storms, tornadoes, precipitation, climate change etc)
- Ionosphere and Magnetosphere
- Solar system (solar activity, magnetic storms, solar-terrestrial relations)
- Other problems.

SECTION 2 - Economy and finances



- Economic impact of natural cataclysms
- Insurance sector
- Banking sector
- International aid
- International law
- Statistics
- Other problems

SECTION 3 - Transport



- Air transport
- Ship transport
- Motor vehicle transport
- Rail transport
- Special transport
- Coordination and management problems
- International law
- Other problems

SECTION 4 - Health care



- First aid
- Epidemics
- Rehabilitation
- Psychological and social aspects
- Management and coordination
- International law
- New technologies
- Other problems

SECTION 5 - Emergency management



- Management system
- International and national coordination
- Rescue operations
- Educating people
- International law
- Special machinery and equipment
- New technologies
- Other problems

SECTION 6 – Construction



- Earthquake engineering
- Quality control systems
- International standards
- New technologies
- Building materials
- Other problems

SECTION 7 - Ecology and Environment



- Environmental impact of natural cataclysms
- Natural factors
- Anthropogenic factors
- New technologies of environmental protection
- International law
- Other problems

SECTION 8 - Communication systems and information technologies



- Communication systems for management of emergency situations
- Communication systems for people in disaster zones
- Communication systems and international law
- Information technologies to be applied in emergency situations
- New technologies

SECTION 9 - International and national law



- International coordination and emergency management
- International humanitarian aid
- International system of financing humanitarian aid
- Improving international law on refugees and those affected by natural disasters
- International law on natural disaster insurance
- Cooperation and reduction of conflicts between national and international law during natural disasters

SPECIAL SECTIONS

- General Assembly of the International Committee on issues of Global Changes of the Geological Environment Geochange;
- International Conference and Exhibition "Earthquake Forecasting 2011 (EFC-2011)";
- Training seminar of the Global Network for the Forecasting of Earthquakes

Scientific Committee

Chairman of scientific committee:

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Co-Chairman of scientific committee:

Prof. Dr. Cengiz Toklu

Head of Civil Engineering Department of Yeditepe University (Turkey, Istanbul)

Members:

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Ph.D. Yerlan Tulekbayev General Director of Kazakh Research Institute for Ecology and Climate (Kazakhstan, Almaty)

Jamal Sholan Chairman of Seismological & Volcanological Observatory Center (Yemen, Dhamar)

Registration

Registration Fees

	Early	Standard	Late	
Regular	350 Euro	400 Euro	500 Euro	
Student*	100 Euro	200 Euro		
Accompanying Person		100 Euro		

Registration fee entitles all delegates to the following:

- Full attendance to all congress sessions and exhibition area between the 3 FULL CONGRESS DATES
- All official documents like congress program and abstract book, certificate of attendance, name badge etc.
- Opening Ceremony and Welcome Reception
- Coffee Breaks
- Congress Bag

^{*} Applicants for student category are required to submit proof of student status (e.g., a copy of university ID card)

Exhibition

Why Exhibit?

Exhibiting at the right exhibition can be one of the **most efficient, effective and successful marketing activities** available to you. No other form of marketing can get you in a room with so many potential customers actively looking for suppliers and give you the chance to have hundreds of face to face meetings in such a short period of time whilst also benefiting from brand exposure and thought leadership.

The high status of the Exhibition's participants including members of parliaments and governments, CEOs of big corporations and representatives of influential international organizations will be favorable for drawing attention to the exhibits on the highest level possible to promote effective marketing of the products in different countries and making of big contracts.

Who should exhibit?

Companies and institutions whose field of activity is in line with the topics of the Congress:

- > Construction and earthquake engineering
- Industry
- Information and communication technologies
- Banking
- > Transport
- > Law

- Health care
- > Rescue services and emergency management
- Research
- Environment
- Humanitarian

Other companies not listed above may apply as well (subject to consideration). Congress participants who have paid an extra fee can participate as exhibitors.

Space only rental (Minimum 6 sqm)

500 Euro + %18 VAT per square meter (in the main hall) 400 Euro + %18 VAT per square meter (in the side aisles) This includes:

- Exhibitors' Technical Manual
- 2 Exhibitors' Registration
- Company Logo displayed in the Final Program
- Invitation to the Welcome Reception for registered exhibitors

Shell Scheme Rental (Minimum 6 sqm)

600 Euro + %18 VAT per square meter (in the main hall) 500 Euro + %18 VAT per square meter (in the side aisles)

This includes:

- Exhibitors' Technical Manual
- 2 Exhibitors' Registration
- Refreshments for registered exhibitors
- Shell scheme frame, basic lighting, and electrical socket (1KW)

Register as Exhibitor

In order to get registered as an exhibitor, please send a letter applying for participation to the following e-mail address: exhibition@geocataclysm.org

Exhibition Space Booking Form

Exhibition venue: Lutfi Kırdar International Convention and Exhibition Center, 80230 Harbiye, Istanbul, Turkey

Exhibition date: 19-21 September 2011 Exhibition hours: between 09:00 – 18:00

To confirm your Exhibition Space Booking, please complete the contract below and return to the following e-mail address: exhibition@geocataclysm.org

Name and Position:	
Company:	
Telephone/fax:	
Email:	
Address:	
Type of	
Company:	
Description of	
technology to	
be exhibited:	
Type of booked space	Space only / Shell Scheme (choose)
Position	Main hall / side aisles (choose)
Space Size:	(min 6 sqm)

Terms and conditions

Upon receipt of the signed booking form, reservation will be made and applicant will be supplied with the contract. No reservation will be made without receiving the signed booking form and no reservation will be confirmed without receiving the full payment.

Space allocation will be made on a "first come, first served" basis. A completed Exhibition Booking Form and Contract should be faxed / e-mailed to ensure reservation of a desired location. Upon receipt of the Exhibition Booking Form and Contract, space will be confirmed and an invoice will be mailed. Space allocations will be made in the order in which Booking forms with consequent payment are received.

All Exhibitors are required to be registered and will receive a badge displaying the exhibiting company name. One exhibitor badge will be given for the first 6 square metres booked and one additional badge for each 6 sqm thereafter. Each company will receive a maximum of 2 free exhibitor badges. Any additional exhibitors will be charged an exhibitor registration fee of ϵ 250.

The organizers shall retain:

- 10% of the agreed package amount, if the cancellation/space reduction is made before 4 months prior to the Congress.
- 50% of the agreed package amount, if the cancellation/space reduction is made before 2 months prior to the Congress.
- 100% of the agreed package amount, if the cancellation/space reduction is made after 2 months prior to the Congress.

Please note that the sign	gning of the Exhibition	Booking Form a	and Contract inc	dicates acceptance c	of these Terms and
Conditions.					

Signed:	Date:	

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Sponsorships start from a 10,000 EUR contribution. Acknowledgments of the sponsors, such as the company's name and logo will appear on GEOCATACLYSM-2011 website and in all official documentation of the Congress.

For sponsorship opportunities, please visit www.2011.geocataclysm.org or contact: sponsorship@geocataclysm.org

Platinum Sponsorship (150,000 EUR contribution or above)

- Three full Congress registrations (i.e. three Sponsor representatives will be exempt from the registration fee)
- An extra 45 min. speech
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- A full page advertisement in the final Congress program
- Prominent signage identifying Sponsor as a Platinum patron
- Platinum sponsor can choose to become a Congress Co-organizer or to delegate a co-chairperson in one of the sections relevant to its activity profile

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- An extra 30 min. speech
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- A half page advertisement in the official Congress Proceedings
- A half page advertisement in the final Congress program
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- An extra 20 min. speech
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SPONSORSHIP FORM

Sponsorship of the GEOCATACLYSM-2011 Congress provides a company, institution or individual with a unique opportunity to increase its visibility and brand awareness within a highly specialized and influential community.

Sponsor will provide financial support in the amount of 10,000 EUR or higher to the International Congress and Exhibition "Natural Cataclysms and Global Problems of the Modern Civilization - GEOCATACLYSM 2011" to be held by the International Committee GEOCHANGE between 19 and 21 September, 2011 at the following venue: Lutfi Kirdar International Convention and Exhibition Center, 80230 Harbiye, Istanbul, Turkey.

Sponsor	's name, address and countr	y of re	gistration						
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•		display display 1-year pening	red at the Congress's ever red on the Congress's we free subscription of GEC address;	ents includ ebsite (<u>vvv</u>	w.2011.	Exhibition; <u>seocataclysm.org</u>) with a link to Sponsor's website; with Sponsor's name and logo displayed on its pages;			
Choose	sponsorship level:								
	Platinum		Gold		Silver	□ Bronze □ Other			
Sponsor	's EXTRA BENEFITS based on	spons	orship level						
Pl	atinum Sponsorship (150,0	00 EUF	contribution or above)		Silver Sponsorship (75,000 EUR contribution or above)			
 Three full Congress registrations (i.e. three Sponsor representatives will be exempt from the registration fee) An extra 45 min. speech Complimentary exhibits space of up to 30 sq. m. A full page advertisement in the official Congress Proceedings A full page advertisement in the final Congress program Prominent signage identifying Sponsor as a Platinum patron Platinum sponsor can choose to become a Congress Co-organizer or to delegate a co-chairperson in one of the sections relevant to its activity profile 				or	 One full Congress registration An extra 20 min. speech Complimentary exhibits space of up to 15 sq. m. A quarter page advertisement in the final Congress program Prominent signage identifying Sponsor as a Silver patron 				
G	old Sponsorship (100,000 E	UR cor	itribution or above)			Bronze Sponsorship (50,000 EUR contribution or above)			
•	Two full Congress registra An extra 30 min, speech Complimentary exhibits sp A half page advertisement A half page advertisement Prominent signage identify	ace of in the	e official Congress Procee e final Congress program			 Complimentary exhibits space of up to 10 sq. m. A quarter page advertisement in the final Congress program Prominent signage identifying Sponsor as a Bronze patron 			
Ad	vertisement materials are to	be pr	ovided by Sponsor						
Ple we	ease print, sign and send a c will send you a signed origin	opy of nal of a	this form by mail (fax) a full sponsorship contra	or send a ct to be si	scannec igned and	copy by e-mail to the address provided below. Upon receipt of the form I returned to us.			
On beha	alf of the Sponsor:								
Name ar	nd position of the authorized	l repre	sentative						
Signatur	re:			Date:					

International Committee on issues of the Global Changes of the Geological Environment GEOCHANGE GEOCATACLYSM-2011 Congress Organizing Committee

Fetih Mahallesi, Tarhali Caddesi, Tarhali Sokak, Tarhali sitesi No.7, Kavakyeli Plaza, B Blok, Daire 1, Atasehir, Istanbul.Turkey **Phone:** + 90 536 431 07 56, **Fax:** + 90 216 386 05 33;

E-mail: secretariat@geocataclysm.org

Venue

Istanbul Lutfi Kırdar Convention & Exhibition Centre (ICEC) Istanbul, Turkey (September 19-21, 2011)



The Istanbul Convention & Exhibition Centre (ICEC) has everything you need to organize memorable and successful congresses and exhibitions in the imperial city of Istanbul. The only place in Istanbul where 3,500 delegates can sit down together for a five-star gala dinner, ICEC offers you an outstanding combination of state-of-the-art facilities and superior service.

ICEC is ideally located in the heart of the city's business, cultural and commercial districts and in walking distance of 16 hotels, 3,400 guestrooms. With a high capacity for even a 2,000-delegate conference, Istanbul Lutfi Kırdar Convention & Exhibition Centre has the facilities, professional management and highly trained staff for the Congress to be successful and enjoyable.

Congress sessions will take place at ICEC Anadolu Auditorium which is a conference venue with a floor area of 2,842 m² and can accommodate 2,000 people. The auditorium has three levels; ground, first and second with a total of 12 entrances on these levels. It is equipped with the latest technology to provide best atmosphere for the GEOCATACLYSM-2011 Congress attendees.



The Anadolu Auditorium seats 2,000 in arm-chair comfort and offers complete technical facilities for even the most elaborate performances. From full 16 mm and 35 mm projection facilities to professionally tuned acoustics, the Anadolu Auditorium is a world-class event venue. It was here that world leaders, including Bill Clinton and Jacques Chirac, enjoyed a performance of the epic "Lyrical History of Anatolia", a stage extravaganza featuring a cast of more than 500 and sophisticated lighting, set changes and more. The Anadolu Auditorium was also the site of the Turkish launch of Windows 2000, featuring an address by Bill Gates, broadcast live by satellite up-link.

Break - out rooms, session rooms and satellite conferences

No matter how complicated your event is, ICEC has the infrastructure to meet your needs and ensure that your conference or trade fair runs smoothly. The main ICEC building features a total of 21 meeting rooms with capacities ranging from 600 to 60, equipped with the latest technology for compliance with total convention and production requirements, including a simultaneous translation facility in 12 languages and electronic voting system.

Main Building

A 3000 sqm foyer space for product and service exhibitions complements the meeting facilities, as does the fully equipped business center and the underground car park.

The top quality five-star in-house food service is equipped to cater to every type of event, from a proper business lunch to an elegant cocktail reception or buffet dinner

Business Centre

The Business Centre provides for the document requirements of participants, organizers and visitors in the Istanbul Convention and Exhibition Centre. The centre is equipped with the latest technology. Facilities

include document services such as photocopying, printing (black/white and color), scanning and fax. All the participants, organizers and visitors can obtain all kinds of printed materials on paper or acetate from the centre.

VIP Rooms

Fatih rooms are fully furnished VIP rooms with bathroom and shower facilities. They can be used when all the building or just the Anadolu Auditorium is hired. They are available to celebrities and other VIP guests.

Restaurants & Bars

Bogaziçi Borsa Restaurant in the Istanbul Convention and Exhibition Centre has a stunning panoramic Bosphorus view. In winter it can serve to 140 people inside and in summer can serve up to 300 in its outdoor dining area. The restaurant is open between 12:00-16:00 and 20:00-24:00 every day. Its menu includes various wines, meat-chicken and fish dishes, a selection of hot and cold starters and a dessert menu. Classical Turkish cuisine is served along with a mixture of international cuisine.

How To Get There

Convenient location of the Istanbul Lutfi Kırdar Convention & Exhibition Centre provides the traveler with easy access to municipal, domestic and international transportation networks.

- 23 km / 14.3 miles from Atatürk International Airport (30 minutes by taxi)
- 5 km / 3 miles from Sirkeci train station, terminal of the Orient Express
- 100 m from Harbiye bus stop on the Taksim-Sisli line
- 500m from Taksim Metro Station linked to the city's new underground system.

PAPER SUBMISSION

ABSTRACT SUBMISSION GUIDELINES:

- Abstracts should only be submitted via on-line.
- The deadline for abstract submission is May 31st, 2011.
- There is a limit of two contributed submissions per registered author.
- All abstracts must be submitted and presented in English.
- Abstracts should be based on any of the topic areas listed in the Sections of congress
- Abbreviations should be defined the first time they appear in your text. Example: HEA (Higher Education Area), before being used as an abbreviation only. Please, do not define or use abbreviations in the title.
- Please, avoid complex mathematical formulas. For the symbols ≤ or ≥, type instead <= or >=.
- Tables, charts or other graphics may not be included and will be deleted by the editors.
- Abstracts may not be longer than 3500 characters including spaces.
- The minimum characters for an abstract to be reviewed are 900 including spaces.
- Authors should indicate their presentation preference:

	⊔ orai	□ poster							
_	The Organizing Committee	rocorvos the	riaht ta	docido o	n tha	final	allocation	and	nro

- The Organizing Committee reserves the right to decide on the final allocation and presentation method.
- You can bind the abstract during the registration or send it by e-mail: abstract@geocataclysm.org
- After registering your abstract, your will receive an email with your abstract id in 2 working days.
- If you do not receive any confirmation by e-mail in 2 days please contact the Conference Secretariat: abstract@geocataclysm.org (Please, check your email address before).
- If you wish to make any corrections to an abstract already submitted or if you wish to submit other abstracts contact us by e-mail:_manuscript@geocataclysm.org Corrections to abstracts can only be made until the deadline of May 31st, 2011.
- The Notification of acceptance/rejection of the abstracts submitted will be sent to you via e-mail in Early June 2011.

FINAL PAPER SUBMISSION:

If your abstract has been accepted, you should submit your Final Paper. There is a limitation of 10 pages. The template of the Final Paper is available on the website www.2011.geocataclysm.org

Contributions will only be published at GEOCATACLYSM-2011 publications if at least one of the authors of the paper is registered before the 31 August 2011.

Contacts

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