



THE NEWSLETTER OF THE EUROPEAN ASSOCIATION FOR EARTHQUAKE ENGINEERING

June 2007

Volume 25, Number 2

Dear Colleagues,

In this second issue of the EAAE Newsletter for 2007, we tried to present our readers a brief summary of EAAE history and present activities. We hope you will enjoy reading it and will decide to join EAAE as an Individual Member if you are not registered yet.

We start this issue with the Summary and Recommendations of the EAAE Report titled as "Proposals for a European Earthquake Risk Reduction Programme". Even though we published the Draft Executive Summary of this report in 2006, we think it is worthwhile to publish the Summary and Recommendations of the final version since it summarises and reflects the views of the earthquake engineering community very effectively.

In the remaining parts of the Newsletter, we tried to summarise the historical developments, in terms of conferences and regional seminars, publications, with the list of all published articles in the Bulletin of Earthquake Engineering.

The last two pages were allocated to our National Member Associations. We tried to introduce them to you very briefly. On this occasion we would like to express our thanks to our National Members from Bulgaria, Greece, Montenegro, Poland, Russia, Slovakia, Switzerland, Turkey, and UK.

Atilla Ansal

PROPOSALS FOR A EUROPEAN EARTHQUAKE RISK REDUCTION PROGRAMME

Robin Spence, Mário Lopes, Philippe Bisch, André Plumier, and Mauro Dolce

SUMMARY OF RECOMMENDATIONS

In order to enhance the process of risk mitigation in Europe, we believe that the following actions may be considered, involving interactions between the European Commission, Member States and the scientific community.

- A review of the Role of DG-RTD to create a new longer-term support structure for European Research, with associated changes in funding mechanisms, relationship between EU-funded and nationally-funded research activities, and administrative arrangements.
- An enhanced research programme at a European level covering aspects of earthquake hazard, better construction and communication of seismic risks to the general public and within the construction industry, and means to reduce the earthquake risk in existing buildings and infrastructure.
- Enhanced activity by DG-ENV to support the ability of Civil Protection agencies in Member States to respond after a major earthquake, and to ensure that land-use planning and urban development for sustainability incorporates provision for minimising seismic risks, alongside those from other more obvious natural hazards.
- Further support to the development of Eurocode 8 by DG-ENT, in order to bring the fruits of new research into practice, to improve its applicability by the construction industry, and to strengthen its effectiveness for use in retrofit strengthening programmes, especially for the old urban centres of European cities.
- Use of European Regional Development Funds (ERDF), (DG-REGIO) to support essential strengthening and upgrading for key infrastructure and public buildings such as schools and hospitals in areas of moderate and high seismicity. Ensuring construction to satisfactory antiseismic standards wherever ERDF or the Cohesion Funds (CF) is used for other construction work.
- Use of the European Social Fund (ESF) to support training and public awareness campaigns for earthquake-preparedness on the part of populations at risk.
- To examine the scope for new mechanisms of funding to support actions to preserve historical monuments and buildings and artefacts of cultural importance from future earthquake damage.

We cordially invite all interested scientists and engineers to be an Individual Member of EAAE. It is 30 Euros per year with electronic yearly subscription to Bulletin of Earthquake Engineering published by Springer. All the necessary information is in the EAAE web pages (<http://www.eaae.org>)



EUROPEAN ASSOCIATION FOR EARTHQUAKE ENGINEERING

OBJECTIVES

The objectives of EAE are:

- to promote regional cooperation among scientists and engineers, and to advance the research front in the field of earthquake engineering;
- to contribute, support and play an active role in organising research and educational activities in Europe in the field of earthquake engineering;
- to play an active role in all aspects of mitigation of the effects of earthquakes in Europe and to set a model for other national, regional and international organisations to follow in advancing earthquake risk mitigation.

The association will accomplish these objectives by:

- Organising regular conferences, regional seminars, workshops, symposiums, panel discussions, fairs and exhibitions on earthquake engineering topics;
- Exchanging information, data and expertise for establishing data banks;
- Preparing joint projects for extending the technical cooperation among its Members on earthquake engineering related topics;
- Providing the publication of research reports, brochures, catalogues, bulletins, technical journals, newspapers, and books in earthquake engineering;
- Conducting investigations and research within its objectives and activities by establishing Task Groups within the Association or through experts and consultants.

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2006-2010

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BULLETIN OF EARTHQUAKE ENGINEERING

AIMS AND SCOPE

Bulletin of Earthquake Engineering – the Official Publication of the European Association for Earthquake Engineering - is devoted to original and inter disciplinary, peer-reviewed papers on theoretical and applied research related to the broad spectrum of earthquake engineering with similar emphasis on all topics. Earthquake risk mitigation requires close interaction between different scientific and operational disciplines encouraging and motivating joint research and implementation aiming to advance the state-of-the-art and state-of-the-practice.

The journal provides a forum for the European Earthquake Engineering Community to present and discuss matters of major interest e.g. important damaging European earthquakes, new developments in earthquake regulations, national policies applied after the occurrence of major seismic events (for example strengthening of existing buildings, etc.).

It is the incentive to keep the review period for scripts submitted to the journal to a minimum and to publish contributions in the form of original and review papers, or as short technical notes.

Topics that fit to the broad spectrum of BEE include but are not necessarily restricted to:

- Seismic hazard studies and methods for mitigation of earthquake risks;
- Earthquake source mechanism and strong motion characterization and their use for engineering applications;
- Response and analysis of geological and geotechnical site conditions under earthquake excitations;
- Cyclic behaviour of soils;
- Response, analysis and design of earth structures and foundations under seismic conditions;
- Zonation and microzonation methodologies;
- Earthquake scenarios and vulnerability assessments;
- Earthquake codes and improvements;
- Response, analysis and design of all man-made structures under seismic conditions;
- Performance based seismic evaluation and design;
- Repair and strengthening;
- Damage assessments;
- Transportation and lifeline systems in seismic environments;
- Seismic response of historical monuments and structures;
- Seismic isolation, passive energy dissipation, active control of vibrations and other modern technologies for energy dissipation;
- Earthquake risk mitigation policies and methodologies.

TASK GROUPS

TG1 on "Performance Based Design"

Coordinator : Paolo Negro, ITALY and Nuray Aydınoğlu, TURKEY

TG2 on "Strong Motion Records for Engineering Applications"

Coordinator : Nicholas N. Ambraseys, UK

TG3 on "Structural Vulnerability and Earthquake Scenario"

Coordinator : Mauro Dolce, ITALY

TG4 on "Effects of Earthquake Vertical Component"

Coordinator : Panayotis Carydis, GREECE

TG5 on "Seismic Isolation of Structures "

Coordinator: Alessandro Martelli, ITALY

TG6 on "Earthquake Geotechnical Engineering"

Coordinator : Kyriazis Pitilakis, GREECE

TG7 on "Development of Shaking Table Testing Techniques"

Coordinator : Roy T. Severn, UK

TG8 on "Seismic Behaviour of Irregular and Complex Structures"

Coordinator : Avigdor Rutenberg, ISRAEL

TG9 on "Repair and Strengthening in Seismic Regions"

Coordinator : Alberto Castellani, ITALY

TG10 "Seismic Aspects of Historical Monument Preservations"

Coordinator: Costas A. Symakezis, GREECE

TG11 "Seismic Design, Assessment, and Retrofit of Bridges"

Coordinator: Andreas Kappos, GREECE

MEMBERSHIPS

• INDIVIDUAL MEMBERSHIP

(Electronic Subscription to BEE) : 30 Euros

(Printed Version Subscription to BEE) : 50 Euros

• CORPORATE MEMBERSHIP

(Printed Version Subscription to BEE) : 200 Euros

• NATIONAL MEMBERSHIP

(Printed Version Subscription to BEE) : 1 Euro per Member,

Minimum of 50 Euros

CENTRAL OFFICE

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Kandilli Observatory and Earthquake Research Institute

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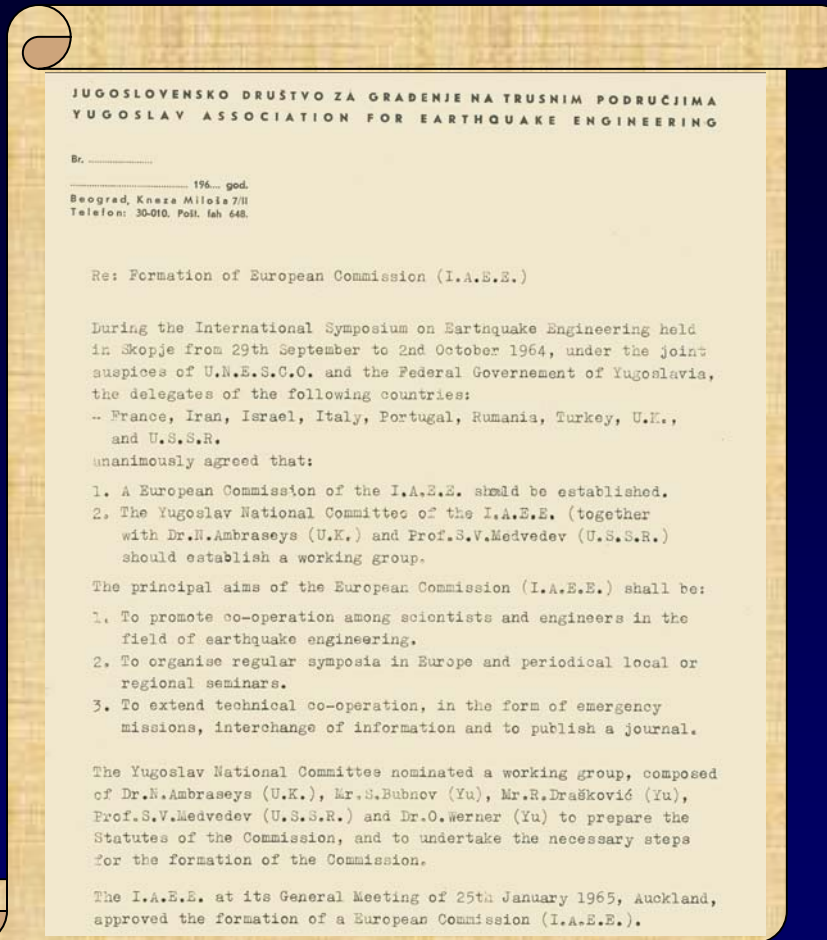
HISTORY of EARE

HISTORY of EARE

The European Association for Earthquake Engineering (initially called the European Commission for Earthquake Engineering) was founded on October 1, 1964 in Skopje.



FOUNDING MEMBERS:
S.V.Medvedev, S.Bubnov & N.N.Ambraseys
in Skopje 1964

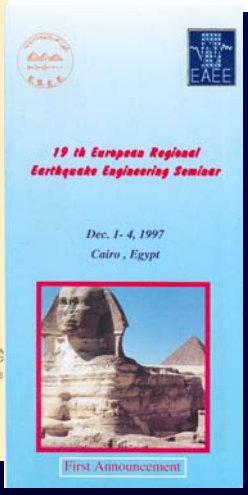
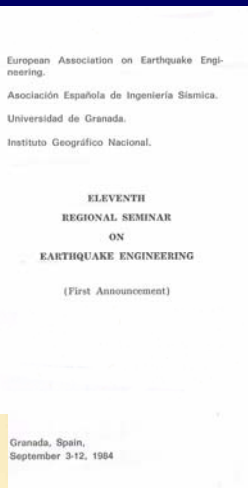
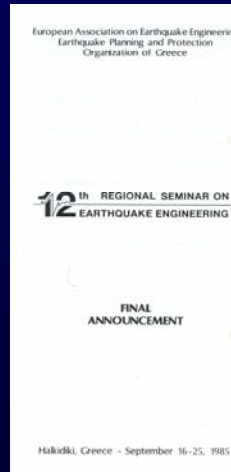
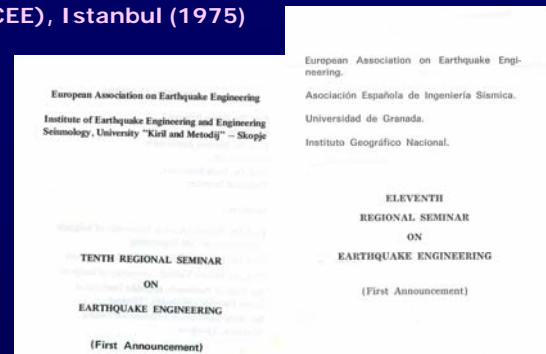


The activity of the EARE focused primarily on the organization of periodical symposia and workshops. Within the scope of this activity the EARE organized the following meetings, first called symposia and subsequently conferences:

- ▶ International Seminar on Earthquake Engineering, Skopje, Sep. 29 – Oct.3 1964
- ▶ Second European Earthquake Engineering Symposium, Madrid (1969)
- ▶ Third European Earthquake Engineering Symposium, Sofia (1970)
- ▶ Fourth European Earthquake Engineering Symposium, London (1972)
- ▶ Fifth European Conference on Earthquake Engineering (ECEE), Istanbul (1975)
- ▶ Sixth ECEE, Dubrovnik (1978)
- ▶ Seventh ECEE, Athens (1982)
- ▶ Eighth ECEE, Lisbon (1986)
- ▶ Ninth ECEE, Moscow (1990)
- ▶ Tenth ECEE, Vienna (1994)
- ▶ Eleventh ECEE, Paris (1998)
- ▶ Twelfth ECEE, London (2002)
- ▶ Thirteenth ECEE, Geneva (2006)
- ▶ FOURTEENTH ECEE, SKOPJE (2010)

EUROPEAN REGIONAL SEMINARS ON EARTHQUAKE ENGINEERING

- 1st RS Varna, Bulgaria, September 1973
- 2nd RS Bucharest, Romania, October 1974
- 3rd RS Varna, Bulgaria, September 1975
- 4th RS Istanbul, Turkey, September 1976
- 5th RS Udine, Italy, September 1977
- 6th RS Primorsko, Bulgaria, September 1978
- 7th RS Istanbul, Turkey, September 1979
- 8th RS Varna, Bulgaria, September 1980
- 9th RS Istanbul, Turkey, September 1982
- 10th RS Skopje, Yugoslavia, August 1983
- 11th RS Granada, Spain, September 1984
- 12th RS Halkidiki, Greece, September 1985
- 13th RS Istanbul, Turkey, September 1987
- 14th RS Ossiach, Austria, September 1988
- 15th RS Ravello, Italy, September 1989
- 16th RS Stara Lesna, Slovakia, October 1991
- 17th RS Haifa, Israel, September 1993
- 18th RS Lyon, France, September 1995
- 19th RS Cairo, Egypt, December 1997
- 20th RS Sion, Switzerland, September, 2001



CONFERENCES of EABEE

CONFERENCES of EAEE



EARTHQUAKE FRIGHT IN LONDON 1750 A SATIRICAL PRINT

4TH EUROPEAN SYMPOSIUM ON EARTHQUAKE ENGINEERING

5TH-7TH SEPTEMBER 1972

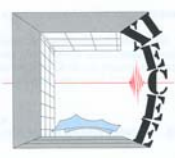
THIS SYMPOSIUM IS BEING ORGANISED BY THE BRITISH NATIONAL SECTION OF THE INTERNATIONAL ASSOCIATION FOR EARTHQUAKE ENGINEERING AND WILL BE HELD AT THE IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY, LONDON. ACCOMMODATION FOR DELEGATES AND THEIR WIVES IS AVAILABLE IN THE HALLS OF RESIDENCE AT THE COLLEGE. IN ADDITION TO THE TECHNICAL SESSIONS THERE WILL BE SOCIAL EVENTS, A LADIES PROGRAMME AND WEEK-END VISITS TO STRATFORD UPON AVON AND CHICHESTER.

FULL DETAILS AND APPLICATION FORMS FROM THE CONFERENCE OFFICE, THE INSTITUTION OF CIVIL ENGINEERS, GREAT GEORGE ST, WESTMINSTER, LONDON SW1.

THIRD EUROPEAN SYMPOSIUM ON EARTHQUAKE ENGINEERING

14-17 September 1970

SOFIA



Onzième Conférence Européenne De Génie Parasismique

Eleventh European Conference On Earthquake Engineering

6-11 Septembre 1998
September 6-11, 1998

CNIT, Paris La Défense, France

BULLETIN FINAL D'INSCRIPTION FINAL REGISTRATION BROCHURE

ADRESSE INTERNET
<http://dl62.enpc.fr/eece11/>



FIRST ANNOUNCEMENT FIFTH EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING

SEPTEMBER 22 - 25, 1975
ISTANBUL - TURKEY

Sponsored by
The Ministry of Reconstruction and Resettlement of Turkey
with
the Cooperation of
Technical University of Istanbul, Middle East Technical University and Boğaziçi University

Third Circular

SIXTH EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING



September 18-22, 1978,
Dubrovnik,
Yugoslavia

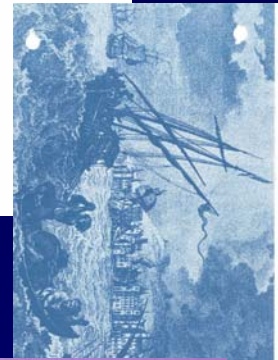
First Circular (Call for Papers)



7. EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING

September 6-11, 1982
ATHENS, GREECE

Sponsored by:
TECHNICAL CHAMBER OF GREECE



First Circular



8th EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING

September, 7-12, 1986
LISBON, PORTUGAL

Sponsored by:
National Laboratory for Civil Engineering LNEC



10th European Conference on Earthquake Engineering

August 28 - September 2, 1994
Vienna, Austria

ABSTRACTS Volume II



NINTH EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING

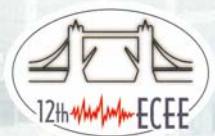
September 11-16 1990 Moscow USSR



SECOND CIRCULAR



THE TWELFTH EUROPEAN CONFERENCE ON EARTHQUAKE ENGINEERING



9-13 September 2002
Barbican Centre, London, UK



PROGRAMME AND REGISTRATION DETAILS



A joint event of the
12th European Conference on Earthquake Engineering
&
20th General Assembly of the European Seismological Commission

First European Conference on Earthquake Engineering and Seismology September 3-8, 2006 - Geneva, Switzerland

www.ecees.org



Swiss Re



BULLETIN OF EARTHQUAKE ENGINEERING

Official Publication of the European Association for Earthquake Engineering

EDITOR : **Atila Ansal (Phone: 90-216 332 5530, e-mail: ansal@boun.edu.tr)**

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An Incremental Response Spectrum Analysis Procedure Based on Inelastic Spectral Displacements for Multi-Mode Seismic Performance Evaluation	M. Nuray Aydinoglu
Seismic vulnerability of historical constructions. A contribution	Carlos Sousa Oliveira
Comparing Loss Estimation with Observed Damage: A Study of the 1999 Kocaeli Earthquake in Turkey	Robin Spence, Julian Bommer, Domenico Del Re, Juliet Bird, Nuray Aydinoglu, and Shigeko Tabuchi
Earthquake Damage Scenarios of The Building Stock of Potenza (Southern Italy) Including Site Effects	Mauro Dolce, Angelo Masi, Maria Marino, and Marco Vona
What is a poor quality strong-motion record?	John Douglas
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Damage Potential of the 1999 Athens, Greece, Accelerograms	George Mylonakis, Elia Voyagaki, and Thomas Price
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Teaching Structural Hazards Awareness: New Partnerships for Mitigation and Community Response	Marla A. Petal, Utku Celep, Cüneyt Tuzun, and Rebekah Green
A Probabilistic Displacement-Based Vulnerability Assessment Procedure for Earthquake Loss Estimation	Helen Crowley, Rui Pinho, and Julian J. Bommer
Seismic performance of RC frames designed to Eurocode 8 or to the Greek Codes 2000	Telemachos B. Panagiotakos and Michael N. Fardis
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Complex site effects in Thessaloniki (Greece): II. 2D SH Modelling and engineering insights	Dimirios Raptakis, Konstantia Makra, Anastasios Anastasiadis and Kyriazis Pitilakis
Comparing Loss Estimation with Observed Damage in a Zone of Ground Failure: A study of the 1999 Kocaeli Earthquake in Turkey	J.F. Bird, J.J. Bommer, J. D. Bray, R. Sancio, and R. J. Spence
Reliability of Building Inventories in Seismic Prone Regions	Sibylle Steimen, Donat Fah, Domenico Giardini, Martin Bertog and Silvio Tschudi

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Frictional behaviour of steel-PTFE interfaces for seismic isolation	M. Dolce, D. Cardone, and F. Croatto
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Experimental and Numerical Studies on the Seismic Response of R.C. Hollow Bridge Piers	Gian Michele Calvi, Alberto Pavese, Alessandro Rasulo, and Davide Bolognini
A modified cyclic cracking model for RC structural walls behaviour under dynamic excitation	Tsai-Fu Chuang, Andrew H. C. Chan, and Les A. Clark
Nonlinear dynamic response of HDRB and Hybrid HDRB-Friction Sliders base isolation systems	Franco Braga, Marco Faggella, Rosario Gioglotti, and Michelangelo Laterza

Site Response from Ambient Vibrations in the Towns of Lod and Ramle (Israel) and Earthquake Hazard Assessment	Y. Zaslavsky, A. Shapira, M. Gorstein, M. Kalmanovich, V. Giller, N. Perelman, I. Livshits, D. Giller, and I. Dan
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Seismic response of adjacent buildings connected with friction dampers	A.V. Bhaskararao and R.S. Jangid
S-wave velocity profiles for earthquake engineering purposes for the Cologne area (Germany)	S. Parolai, S.M. Richwalski, C. Milkereit and D. Fäh

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Preface	Maria Bostenaru Dan
Retrospective Prediction of Macroseismic Intensities Using Strong Ground Motion Simulation: The Case of the 1978 Thessaloniki (Greece) Earthquake (M6.5)	N. Theodoulidis, Z. Rounmelioti, A. Panou, A. Savvaldis, A. Kiratzi, V. Grigoriadis, P. Dimitriu and T. Chatzigeorgos
The Event of 26th of December 2004 - the Biggest Earthquake in the World in the Last 40 Years	C. Sinadinovski
Simplified Method for Vulnerability Assessment of Dwelling Buildings and Estimation of Damage Scenarios in Catalonia, Spain	A. Roca, X. Goula, T. Susagna, J. Chàvez, M. González and E. Reinoso
Road Network and Damaged Buildings in Urban Area: Short and Long Term Interaction	A. Goretti and V. Sarli
Classification of Collapsed Buildings for Fast Damage and Loss Assessment	C. Schweier and M. Markus
Rescue Operations and Demolition Works: Automating the Pneumatic Removal of Small Pieces of Rubble and Combination of Suction Plants with Demolition Machines	S. Gentes
Book review of "World Housing Encyclopaedia - summary publication 2004"	M. Bostenaru Dan

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Testing the validity of simulated strong ground motion from the dynamic rupture of a finite fault, by using empirical equations	H. Aochi and J. Douglas
The Influence of Ground-Motion Variability in Earthquake Loss Modelling	J. J. Bommer and H. Crowley
Modelling Seismic Hazard in Earthquake Loss Models With Spatially Distributed Exposure	H. Crowley and J. J. Bommer
Site Response and Earthquake Design Spectra for Central Khartoum, Sudan	Y. E.-A. Mohamedzein, J. A. Abdalla and A. Abdelwahab
Seismic Displacement of Gravity Walls By a Two-Body Model	C. A. Stamatopoulos, E. G. Velgaki, A.Modaressi, and F. Lopez-Caballero

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Special Issue "Risk EU Project" Guest Editors: **Robin Spence and Benoit Le Brun**

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Presentation of RISK-UE Project	P. Mouroux and B. Le Brun
Seismic hazard assessment for derivation of earthquake scenarios in Risk-UE	E. Faccioli
Earthquake risk assessment of lifelines	K. Pitilakis, M. Alexoudi, S. Argyroudis, O. Monge and C. Martin
A hybrid method for the vulnerability assessment of R/C and URM buildings	A.J. Kappos, G. Panagopoulos, C. Panagiopolopoulos, and G. Penelis
Macroseismic and mechanical models for the vulnerability assessment of current buildings	S. Lagomarsino and S. Giovinazzi
The vulnerability assessment of monumental buildings	S. Lagomarsino

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Update of Likelihood-based Ground-Motion Model Selection for Seismic Hazard Analysis in Western Central Europe	Esther Hintersberger, Frank Scherbaum and Sebastian Hainzi
The Importance of Crustal Structure in Explaining the Observed Uncertainties in Ground Motion Estimation	John Douglas and Hideo Aochi
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NATIONAL MEMBER ASSOCIATIONS

- Algerian Association for Earthquake Engineering;** EAAE Delegate: Dr. Mohamed Belazougui; Contact: c/o CGS rue Kaddour Rahim, B.P.252 Hussein Dey, ALGERIA; e-mail: mbelazougui@cgs-dz.org
- Armenian Association for Earthquake Engineering;** EAAE Delegate: Prof. Mikayel Melkumyan; Contact: American University of Armenia, 40 Marshal Baghramian Ave., Yerevan, 375019, ARMENIA; e-mail: mmelkumi@aua.am,
- Austrian Association for Earthquake Engineering and Structural Dynamics;** EAAE Delegate: Prof. Rainer Flesch; Contact: Arsenal Research, Business Unit Transport Routes Engineering, Giefinggasse 2, 1210, Vienna, AUSTRIA; e-mail: rainer.flesch@arsenal.ac.at, Web: www.oge.or.at
- Bulgarian National Committee for Earthquake Engineering;** EAAE Delegate and President: Prof.Dr.Sc.Ludmil Tzenov; Vice President: Assoc. Prof. Dr. Zdravko Bonev; Secretary General: Assoc. Prof. Dr. Kiril Hadjiyski; Number of current members: 34; History / Basic Activities: The Bulgarian NCEE (BEE) was founded in 1966 at the Bulgarian Academy of Sciences. Its major objective is to coordinate the activity in the field of EE in Bulgaria. The main tasks of BEE are: to direct the development in the field; promote the state-of-the-art/practice and advances in EE, to represent Bulgaria in international and regional events and organizations etc. The BEE organized, carried out and participated in many national, regional and international seminars, conferences and meetings dedicated on Earthquake Risk Mitigation. It took active part in several large scale international projects of UNDP, UNIDO, UNESCO, IAEA etc. of long duration. BEE also participated in the management of the EAAE and convening and execution of its Task Groups work. Lately the BEE has concentrated its efforts in Earthquake Risk Management, dissemination of specialized up-to-date info on the topic and the harmonization of our standards with EC-8. Contact: CLSMEE, Bulgarian Academy of Sciences, Acad. G. Bonchev str., bl. 3, 1113 Sofia, BULGARIA; e-mail: kihad@bas.bg, Web: clsmee.geophys.bas.bg
- Croatian Society for Earthquake Engineering;** EAAE Delegate: Prof.Mihaela Zamolo; Contact: Civil Engineering Institute of Croatia, Janka Rakuse 1, 10000 Zagreb, CROATIA; e-mail: mzamolo@zg.igh.hr
- Cyprus Civil Engineers and Architects Association;** EAAE Delegate: Mr.Themos Demetriou; Contact: 13 Heras str. Flat 21, 1523 Nicosia, CYPRUS; e-mail: t.demetriou@cytanet.com.cy, Web: www.cceaa.org.cy
- Czech Society for Mechanics;** EAAE Delegate: Dr.Jiří Náprstek; Contact: Academy of Sciences of the Czech Republic, Institute of Theoretical and Applied Mechanics, Prosecka 76, 19000 Praha 9, CZECH REPUBLIC; e-mail: naprstek@itam.cas.cz, Web: www.itam.cas.cz
- Egyptian Society for Earthquake Engineering;** EAAE Delegate: Prof.Mohamed Sobaih; Contact: Cairo University, Faculty of Engineering, Giza, EGYPT; e-mail: msobaih@hotmail.com
- French Association for Earthquake Engineering;** EAAE Delegate: Mr.Pierre-Alain Naze; Contact: 28, rue des Saints Pères, 75343 Paris, Cedex 07 FRANCE; e-mail: pierre-alain.naze@edf.fr, Web: http://membres.lycos.fr/afps
- German Society for Earthquake Engineering and Structural Dynamics;** EAAE Delegate: Univ. Prof. Dr.-Ing. Konstantin Meskouris; Contact: Rheinisch-Westfälische Technische Hochschule Aachen, Lehrstuhl für Baustatik und Baudynamik, Mies-van-der-Rohe-Str. 1, D-52074 Aachen, GERMANY; e-mail: dgeb@lbb.rwth-aachen.de, Web: www.dgeb.org
- Georgian National Committee of Earthquake Engineering & Engineering Seismology;** EAAE Delegate: Prof. Guram Gabrichidze; Contact: 8, M.Aleksidze str., Tbilisi, 380093, GEORGIA; e-mail: smee@gw.acnet.ge
- Hellenic Society for Earthquake Engineering;** EAAE Delegate: Prof. Andreas J. Kappos; Number of current members: 240; Basic activity areas: Key activities of the Society in the period 2004-6: Increase of membership from 140 to 240, Successful conclusion of the procedures for ETAM becoming a member of the IAEE and the EAAE, Organization of five lectures (one by Prof. N. Ambraseys, two by Prof. Th. Tassios, one by Prof. M. Constantinou, and one by Prof. Shamsher Prakash) all attended by a large audience, Involvement in the organization of the 1st Greece-Japan Workshop on Seismic Design of Foundations (Athens, 2005) and in the 2nd Greece-Japan Workshop on Seismic Design of Foundations (Tokyo, 2007), Organization of the 3rd National Conference on Earthquake Engineering to be held in Athens next year (2008), Election of the Society's representative (Prof. A. Kappos) to the EAAE Exec. Committee (2006), Creation of the Society's website (<http://www.eltam.gr/>) with the kind assistance of ETAM member G. Vadaloukas. Contact: Technical Chamber of Greece, 4 Karagiorgi Servias Street, Athens 10248, GREECE; e-mail: ajkap@civil.auth.gr and etam@central.tee.gr, Web: <http://www.eltam.gr/>
- Hungarian National Committee for Earthquake Engineering;** EAAE Delegate: Prof.Laszlo P. Kollár; Contact: Technical University of Budapest, Faculty of Architecture, XI.Müegyetem rakpart 3.K.II.42; H-1521 Budapest, HUNGARY; e-mail: lkollar@eik.bme.hu
- Icelandic National Society of Earthquake Engineering;** EAAE Delegate: Prof.Ragnar Sigbjornsson; Contact: Engineering Research Institute, University of Iceland, Hjardarhaga 2-6 107 Reykjavik, ICELAND; e-mail: ragnar.sigbjornsson@internet.is
- Iranian Society for Earthquake Engineering;** EAAE Delegate: Dr.Ahmad Naderzadeh; Contact: P.O.Box 18735-514 Tehran, IRAN; e-mail: naderzadeh@dpi.net.ir
- Israeli Association for Earthquake Engineering;** EAAE Delegate: Dr. Edward Leibovich; Contact: Consulting Engineers LTD, 12A Admonit St., Netaya 42204, ISRAEL; e-mail: coleng@netvision.net.il
- Italian National Association of Earthquake Engineering;** EAAE Delegate: Prof. Mauro Dolce; President: Prof. Franco Braga; Number of current members: 300; Basic activity areas / History: ANIDIS has the following purposes: a) promoting and spreading the seismic culture among professionals in Italy; b) identifying research themes from professional practice and promote their investigation; c) establishing and maintaining national and international contacts among people interested in the above subjects and with the associations having similar purposes; d) cooperating with pertinent authorities on the drafting of regulations relevant to Earthquake Engineering. ANIDIS organises a National Congress every two years, which is usually attended by 400-500 researchers and practicing professionals, as well as seminars and courses on the most recent advances of earthquake engineering. Contact: Via Flaminia 362, 00196 – Roma, Italy; e-mail: info@anidis.it and dolcerom@libero.it, Web: www.anidis.org
- Kazakhstan Public Regional Foundation for Development of Earthquake Engineering;** EAAE Delegate: Prof. Marat Ashimbayev; Contact: V.Radostovets str. 152/6, 480060 Almaty, KAZAKHSTAN; e-mail: kazniissa@ducatmail.kz
- Macedonian Society of Earthquake Engineering;** EAAE Delegate: Prof. Mihail Garevski; Contact: Institute of Earthquake Engineering and Engineering Seismology, Salvador Aljende 73, Skopje, REPUBLIC OF MACEDONIA; e-mail: garevski@pluto.izis.ukim.edu.mk
- Montenegrin Association for Earthquake Engineering;** EAAE Delegate and President: Prof. Bozidar Pavicevic, Vice President: Prof. Branislav Glavatovic and Veljko Belada, Secretary General: Prof. Srdjan Jankovic, Number of current members: 67; Basic activity areas / History: Primarily, MnAEE was founded as Montenegrin Society for EE (CDZI), in 1985, as the member of ex-Union of Yugoslav Societies for EE (SJDZI). In 1993, after the disintegration of SFR Yugoslavia, CDZI was renamed to YuAEE (Yugoslav Association for EE) as the national association of newly established Federal Republic of Yugoslavia. Consequently, YuAEE joined to IAEE (Acapulco, 1996), and later to EAAE (Paris, 1998). Finally, after the Montenegro state independence proclamation, YuAEE was transformed in two separate national associations. Present MnAEE, as the successor of YuAEE, became the member of EAAE, as well as of IAEE, during the 1ST ECEES in Geneva. Contact: University of Montenegro, Civil Engineering Faculty Cetinjski put b.b. 81000 Podgorica, MONTENEGRO; e-mail: bozidarp@cg.yu and yuzi@cg.yu

Norwegian Society for Earthquake Engineering: EAAE Delegate: Dr.Farrok Nadim; Contact: Norwegian Geotechnical Institute, Sognsveien 72, PO Box 3930 Ullevaal Stadion, N-0806 Oslo, NORWAY; e-mail: Farrok.Nadim@ngi.no, Web: <http://www.geohazards.no>

Polish National Committee on Earthquake and Paraseismic Engineering: EAAE Delegate and Vice President: Prof. Zbigniew Zembaty; President: Tadeusz TATARA, Secretary: Krystyna KUZNIAR; Number of current members: 55; Basic activity areas / History: During a Conference on Seismic and Paraseismic Effects on Structures in November 1994 a Research Group for Seismic and Paraseismic Effects on Structures was initiated. The activity of this Group followed earlier tradition (since 1978) of organizing, by Professor Roman CIESIELSKI, symposia on seismic engineering in Cracow. Since 1995 the Group is affiliated at the Committee of Civil Engineering, Polish Academy of Sciences. This Research group actually consists of 55 persons and is opened to any individuals working in the field of seismic engineering in Poland. The Executive Committee of this Group, elected during its latest meeting in November 2006. Contact: Technical University of Opole, Faculty of Civil Engineering, 45-233 Opole, ul.Mikolajczyka 5, POLAND; e-mail: z.zembaty@po.opole.pl

Portuguese Society for Earthquake Engineering: EAAE Delegate: Prof. Carlos Sousa Oliveira; Contact: Instituto Superior Tecnico, Engenharia Civil, Av.Rovisco Pais, 1096 Lisboa Codex, PORTUGAL; e-mail: csoliv@civil.ist.utl.pt

Romanian Association for Earthquake Engineering: EAAE Delegate: Dr. Emil-Sever Georgescu; Contact: INCERC, Sos. Pantelimon 266; 79614 Bucharest, ROMANIA; e-mail: ssever@incerc2004.ro

Russian National Committee for Earthquake Engineering: EAAE Delegate and President: Prof. Dr. Jacob Eisenberg; Vice President: Dr. Vladimir Smirnov, Executive Director: Rustam Akbiev; Basic activity areas / History: RAEE was established in 1999. It participated in all European and World Conferences for Earthquake Engineering; every 2 years RAEE organized Russian National Conferences in Earthquake Engineering in Sochi-city, Northern Caucasus, Black Sea Area (1999, 2001, 2003, 2005, and 2007). RAEE organizes Seminars, Conferences for scientists, designers, students in Moscow and in Seismic Hazardous areas of Russia (Far East, Caucasus, Siberia, etc.). RAEE edited a journal "Earthquake Engineering. Safety of Structures" (in Russian, abstracts – in English, 6 numbers early). Contact: TsNIISK Rosstroy, 6, 2nd Institutskaya Str. 109428 Moscow, RUSSIA; e-mail: Eisenberg@seismo.ru / Smirnov@seismo.ru / akbiev@seismo.ru

Serbian Association for Earthquake Engineering: EAAE Delegate: Prof. Petar Anagnosti; Contact: Civil Engineering Faculty, University of Belgrade, bulev. Kralja Aleksandra 73Belgrade, SERBIA; e-mail: petan@beotel.yu

Slovak Association for Earthquake Engineering: EAAE Delegate and President: Prof. Emília Juhásová; Vice President: Prof. Ján Benčat, Secretary: Eva Andrejková; Number of current members: 28; Basic activity areas / History: Slovak Association for Earthquake Engineering has been established in 1993 after separation of Slovak Republic and Czech Republic, on the basis of former Czechoslovak Association for Earthquake Engineering. Founding members were: Professor Emília Juhásová, DrSc. from Slovak Academy of Sciences, Institute of Construction and Architecture, Bratislava; Professor Ján Benčat, PhD. from University of Žilina, Civil Engineering Faculty, Žilina and Assoc. Professor Vladimír Krištofovič, PhD. from Technical University, Civil Engineering Faculty, Košice. The activities of Slovak Association for Earthquake Engineering were concentrated on the organization of national conferences, seminars and post-graduate courses; revisions of related national standards; and international collaboration with EAAE and national organizations in neighbouring and other countries. Major past and recent activities: Organisation of 16th Regional European Seminar on Earthquake Engineering in Stará Lesná; Participation in revision of Slovak National Standard STN 73 0036 Seismic Loading of Structures, published in 1997; Participation in elaboration of Slovak National Annex to STN EN 1998-1: 2005 Design of Structures for Earthquake Resistance (in progress – expected to be published at the end of 2007); Organisation of the Conference at the occasion of 80th Birthday Anniversary of Dr. Gustáv Martinček, leading Slovak expert in structural dynamics, entitled "Dynamics of Structures Yesterday, Today and Tomorrow", Bratislava, 2005. Under preparation is the sequence of post-graduate courses and seminars on the adoption of Eurocode 8 in conditions of Slovak Republic. Contact: Institute of Construction and Architecture, Slovak Academy of Sciences, Dúbravská cesta 9, 845 03 Bratislava, SLOVAKIA; e-mail: juhasova@savba.sk

Slovenian Association for Earthquake Engineering: EAAE Delegate: Prof.Peter Fajfar; Contact: University of Ljubljana, Civil Engineering Department, Jamova 2; SI-61000 Ljubljana, SLOVENIA; e-mail: pfajfar@ikpirnt.fgg.uni-lj.si, Web: www.zag.si

Spanish Association for Earthquake Engineering: EAAE Delegate: Prof. Rafael Blazquez; President: Prof.Alex Barbat; Contact: Universidad de Castilla-La Mancha, Avda. Camillo Jose Cela s/n, 13071 Ciudad Real, SPAIN; e-mail: Rafael.Blazquez@uclm.es, Web: www.aeis.es

Swiss Society for Earthquake Engineering and Structural Dynamics: EAAE Delegate and President: Dr. Thomas Wenk; Vice President: Dr. Erik Rüttener, Quaestor: Prof. Dr. Alessandro Dazio, Secretary General: Natalie Ammann; Number of current members: 337 (individual members), 38 (collective members); Basic activity areas / History: SGEB was founded in 1982. Main activities: Organisation of the First European Conference on Earthquake Engineering and Seismology (1st ECEES) in Geneva on September 3-8, 2006, Organisation of continuing education courses in earthquake engineering and structural dynamics for practising engineers, Publication of guide books in earthquake engineering for practising engineers, Organisation of earthquake reconnaissance missions after strong earthquakes. Contact: SGEB-Sekretariat, Institute of Structural Engineering (IBK), ETH Zurich, CH-8093 Zurich; e-mail: info@sgeb.ch, Web: www.sgeb.ch

Turkish National Committee on Earthquake Engineering: EAAE Delegate and President: Prof.Dr.Atilla Ansal, Vice Presidents: Prof.Dr.Hasan Boduroğlu and Prof.Dr.Kutay Özyayın, Secretary General: Prof.Dr.Kadir Güler; Number of current members: 139; Basic activity areas/History: Turkish National Committee (TNCEE) was established in 1965 and organised the 5th European Conference on Earthquake Engineering in 1975, 7th International Conference on Earthquake Engineering in 1980, and 4 European Regional Seminars on Earthquake Engineering in 1976, 1979, 1982, and 1987. TNCEE has hosted 5 National Conferences on Earthquake Engineering and the 6th will take place in October 2007 in Istanbul. TNCEE represented Turkey in two UNESCO projects during 1980-1990, and played an active role in the preparation of Turkish Earthquake Codes in the past; Contact: Prof.Dr. Kadir Güler, Istanbul Technical University, Faculty of Civil Engineering, Maslak, Istanbul, TURKEY, e-mail: kguler@itu.edu.tr

The Society for Earthquake Engineering and Civil Engineering Dynamics: EAAE Delegate: Dr. Ahmed Elghazouli; President: Dr Paul Greening, Vice President: Mr Ian Smith, Number of current members: 243 (223 individual + 20 corporate); Basic activity areas / History: The Society for Earthquake and Civil Engineering Dynamics (SECED) was established in 1969. SECED organises informal discussions on a wide range of topics related to seismology, earthquake engineering and civil engineering dynamics on a monthly basis, as well as many short courses and workshops on similar topics. SECED hosts the prestigious Mallet-Milne Lecture every two years. SECED has also organised seven major conferences on earthquake engineering including the Twelfth European Conference on Earthquake Engineering held in London in 2002; Contact: SECED Headquarters:Institution of Civil Engineers, One Great George Street, Westminster, London SW1P 3AA, UK, Secretary: Jade Donovan, Societies Administrator Engineering, Policy & Innovation, e-mail: jade.donovan@ice.org.uk, Web: www.seced.org.uk

Association for Ukrainian Earthquake Engineering: EAAE Delegate: Prof. Dr. Yu. I. Nemchynov; Contact: 5/2, Klimentko str., Kyiv-03680, UKRAINE, e-mail: adm-inst@ndibk.kiev.ua, Web: www.seism.org.ua and <http://www.niisk.com>