



EUROPEAN ASSOCIATION FOR EARTHQUAKE ENGINEERING

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Honorary Members: Drazen Anicic (Croatia), Peter Fajfar (Slovenia), Ali Akbar Moinfar (Iran), Bozidar Pavicevic (Montenegro)
Audit Committee: Emil Sever Georgescu (Romania), Rudolf Heuer (Austria)

MINUTES OF THE EXECUTIVE COMMITTEE MEETING

Number: 5

Date: April 13, 2014

Place: Istanbul, Turkey

Attendance:

Mihail Garevski

Carlos Sausa Oliveira

Martin Koller, Vice President

Alain Pecker

Mauro Dolce, Vice President

Zygmunt Lubkowski

Atilla Ansal, Secretary General

Pierre-Yves Bard, ESC Representative

Andreas J. Kappos, Secretary

Mariano Garcia-Fernandez, ESC Secretary General

Rainer Fleisch, Treasurer

Stefano Parolia, ESC Secretary

Prologue:

The fifth meeting of the Executive Committee of the European Association for Earthquake Engineering for 2010-2014 Period was held in Istanbul, Turkey on Sunday April 13, 2014 between 9:00 and 13:00, followed by a visit to the Conference Centre. The meeting was chaired by the Secretary General due to late arrival of the President.

Agenda:

1. Welcome and Approval of the Agenda
2. Preparations toward 2ECEES in 2014 in Istanbul
 - a. Preliminary programme and number of participants
Convenors Programme
 - b. Invited lecture books Volume 1 and Volume 2
 - c. Young Seismologists and Engineers Training Course
Applicants
 - d. Suggestions for future joint conferences
3. Central Office activities for 2013-2014 term
 - a. Proposal for 2018 ECEE
 - b. National Memberships (Slovakia, Armenia)
 - c. Bulletin of Earthquake Engineering and GEE Book Series
4. Task Groups activities by A. Kappos
5. Exchange of opinions concerning the next Executive Committee
6. Next Meeting Location & Miscellaneous
7. Presentation by the Conference Organizing Agency ZED

Item 1: The Members of the Executive Committee are welcomed to the Fifth Executive Committee Meeting for the 2010-2014 Period. The proposed Agenda of the Meeting was approved.

Item 2: The Secretary General explained the preparations related to 2014 Second European Conference on Earthquake Engineering and Seismology, 2ECEES.

- a. The program, the latest number of participants, the names of the Convenors for ESC and Special Sessions were presented (Annex 1). Based on the number of abstracts received the Secretary General informed the Committee that the number of oral sessions allocated to EAEE and ESC may be proportional to the number of abstracts submitted to these groups.
- b. The contents of the first volume of "Perspectives on European Earthquake Engineering and Seismology" composed of keynote and theme lectures that will be published as Open Source book by Springer within the Springer book series on Geotechnical, Geological and Earthquake Engineering (GGEE) before the conference is given, as well as the second volume that will be published after the conference (Annex 2).
- c. The Secretary General informed the Committee about the decision of the Conference Advisory Board to invite some distinguished researchers from the field of seismology to have a better balance between earthquake engineering and seismology theme lectures.
- d. The Committee was informed about the developments and plans for the organization of the Young Seismologists and Engineers Training Course and the number of applications received.
- e. The Committee recommended that a risk assessment should be conducted for the Conference,
- f. The Executive Committee suggested to have the Conference Gala Dinner at the Conference Center.
- g. The Secretary General as the Co-Chairman of the 2ECEES briefly summarized some of the difficulties encountered in the organization of the joint EAEE & ESC conference and suggested that new guidelines be prepared for joint conferences to resolve some of the problems such as:
 1. Deadlines should be the same for everybody,
 2. ESC sessions should be like EAEE sessions coordinated by the LOC,
 3. Both ESC & EAEE members can propose special sessions,
 4. Full text, or at least extended abstract (3 pages), should be required from all,
 5. Keynote and theme lectures should be selected by the LOC,
 6. ESC and EAEE ExComs can suggest some names at least one year in advance,
 7. The harmonization of opening and closing ceremonies for EAEE and ESC.

Item 3: Central Office activities for 2013-2014 term

- a. Secretary General informed the Committee that he received formal application letter from the National Delegate of Greece and President of the Hellenic Society of Earthquake Engineering (K. Pitilakis) expressing strong motivation and endorsement for hosting the next 16th European Conference of Earthquake Engineering, in 2018, in Thessaloniki, Greece. The Committee acknowledged the application as the first formal application for hosting the 16th ECEE.
- b. Secretary General summarized the Central Office Activities for September 2013 – April 2014 and presented the audited EAEE budget for 2013. He summarized the present situation concerning the membership of Slovakia. The Secretary General was asked to get in contact with the acting delegate Milan Sokol and explain to him what would be the basic requirements for EAEE membership. If these requirements are fulfilled, the Committee will approve the changes in the membership status of Slovakia.

Secretary General summarized the letter he received from the President and Delegate of the Armenian Association for Earthquake Engineering concerning their intention to temporarily suspend the membership of AAEE in EAEE.

- c. Secretary General summarized the possible developments concerning the Bulletin of Earthquake Engineering becoming monthly published in 2015 and responsibilities of the Editorial Board. He also mentioned about the progress in the Springer book series on GGEE reaching the 35th book.

On the issue of the future development of the Bulletin, the Secretary (A. Kappos) expressed his concern regarding the possible adoption of the reviewing scheme currently used by second-rated journals (in particular open access ones) wherein submissions are handled by individual editorial board members, who are responsible for both assigning reviewers and making final decisions, which leads to quite non-uniform standards and quality of reviewing.

Item 4: The report on the Working Group Activities was presented by the Secretary Andreas Kappos where he summarized the developments in the Working Groups (Annex 3.); he emphasised the fact the recent changes made in WG convenors have generally been in the right direction and all WGs are now, more or less, active. He also suggested that in the next meeting of the ExCom, co-coordinators could be added to one or two groups (WG5, WG6) [*Post-meeting note*: The Secretary has contacted the coordinator of WG6 K. Pitilakis and it was mutually agreed to invite a co-coordinator to this group, from Italy]. It was pointed out by Zygmunt Lubkowski that efforts need to be made to increase the industrial involvement in the Working Groups.

Item 5: The Committee exchanged very briefly some suggestions concerning the formation of the next Executive Committee, since some of its members will be retiring. There was general consensus to have new members more or less with similar distribution from all European member states.

Item 6: It was decided to have the next and last meeting of the Executive Committee for 2010-2014 term in Istanbul on Sunday August 24, 2014 at 15:00 according to the 2ECEES Preliminary Programme.

Item 7: The organizing agency for 2ECEES, ZED made a brief presentation, concerning the conference centre, hotels for the conference, pre and post conference, and city, tours.

Item 8: The meeting ended with thanks to all participants.

Item 9: The Committee visited the Conference Centre after lunch

Annex 1. Number of abstracts and Session Convenors for ESC and Special Sessions (21.4.2014)

EAAE SESSIONS	Number of Abstract		
Seismic Analysis and/or Testing of Structural Elements and/or Systems (EAAE Session)	257		
Performance-Based Seismic Assessment and Design (EAAE Session)	177		
Earthquake Scenarios, Vulnerability and Loss Assessment Studies (EAAE Session)	116		
Engineering Seismology and Seismic Hazard Assessment (EAAE Session)	105		
Geotechnical Earthquake Engineering (EAAE Session)	105		
Seismic Analysis and Design of Active and Passive Structural Control Systems (EAAE Session)	81		
Seismic Design Code Developments and Related Issues (EAAE Session)	80		
Seismic Analysis and Design of Foundation Systems / Soil-Structure Interaction (EAAE Session)	64		
Microzonation and Site Effects (EAAE Session)	52		
Seismic Analysis and Design of Bridges (EAAE Session)	47		
Earthquake Risk Mitigation Policies and Methodologies (EAAE Session)	40		
Seismic Performance of Historical Monuments and Structures (EAAE Session)	39		
Seismic Analysis and Design of Tall Buildings (EAAE Session)	34		
Lessons from Recent Earthquakes (EAAE Session)	30		
Seismicity of the European-Mediterranean Area	27		
Acquisition and Analysis of Strong Motion Data	25		
Seismic Analysis and Design of Underground Structures (EAAE Session)	20		
Seismic Analysis and Design of Transportation and Lifeline Systems (EAAE Session)	19		
Seismic Analysis and Design of Marine Structures (EAAE Session)	7	TOTAL=	1325
ESC SESSIONS	Number of Abstract		
Studying Seismic Sources: Theory, Methods and Applications (ESC Session)	57		
Complexity of earthquake physics, rupture processes, and the scientific prediction (ESC Session)	38		
Ambient Noise for soil and building studies (Special Session)	32		
Earthquake swarms and associated processes (ESC Session)	31		
Multi-scale passive seismic imaging and monitoring (ESC Session)	30		
Earthquakes of the past: present knowledge and future perspectives (ESC Session)	28		
Induced Seismicity (ESC Session)	24		
Interdisciplinary approach to Earthquake Forecast/Prediction: Advances in observations and operat	24		
Cross border harmonized seismic hazard and risk assessment: results, lessons learned and future cha	21		
Improving seismic networks performances: from site selection to data integration (ESC Session)	19		
Seismological and Structural Studies in the Polar Regions (ESC Session)	18		
Geodynamics of Eurasia: GPS/InSAR-constraints and relation to seismicity (ESC Session)	15		
Communication and education: making seismology accessible to society (ESC Session)	14		
Earthquake Forecasting and Prediction	13		
Rapid source and ground shaking estimation for seismic surveillance purposes (ESC Session)	11		
Share your data with the community: Data models, metadata and services in seismology (ESC Sessio	11		
Just In Time: real-time Risk for Early Warning, operational forecasting and Rapid Response (ESC Se	10		
Incorporating Synthetic Ground Motion Data into Empirical GMPEs (ESC Session)	9		
Methods and data for the study of earthquakes recorded on pre-WWSSN historical seismograms (ES	8		
Working together Enhancing engagement between researchers and practitioners for risk mitigation (E	8		
Earthquake Source Physics	7		
Nonlinear Seismology and the implications on Engineering Seismology and Earthquake Engineering (7		
Palaeoseismology (ESC Session)	7		
Regional hazard and risk assessment: New Insights on Vrancea Intermediate-Depth Seismic Source (7		
Research, Development, Applications, and Operations Related to Generating Rapid Shaking Maps (7		
EMS-98 in macroseismic field surveys (ESC Session)	5		
Internet, smartphones and social networks: How do they change seismology? (ESC Session)	5		
Research, Data, and Developments on Near-Real Time Earthquake Loss Estimation Systems (Specia	2	TOTAL=	468

MINUTES OF THE EXECUTIVE COMMITTEE MEETING

SPECIAL SESSIONS	Number of Abstract		
UPStrat-MAFA European Project: Developments and achievements (Special Session)	29		
NERA (Network of European Research Infrastructures for Earthquake Risk Assessment and Mitigation) (Special Session)	18		
Seismic rehabilitation and retrofit of structures (Special Session)	18		
Accelerometric data, networks and their significance in engineering and seismological studies in and around the Mediterranean (Special Session)	17		
EMME (Earthquake Model of Middle East: From Seismic Hazard to Seismic Risk) (Special Session)	15		
Field and laboratory testing to improve the seismic vulnerability assessment (Special Session)	14		
SAFECLADDING: Improved Fastening Systems of Cladding Wall Panels of Precast Buildings in Seismic Areas (Special Session)	14		
Case studies of methodology development for real time mitigation of seismic risk to industries and structures (Special Session)	13		
Systemic Seismic Vulnerability and Risk Analysis for Buildings, Lifeline Networks and Infrastructure (Special Session)	13		
Assessment and New Strategies for Tsunami Mitigation (Special Session)	11		
Current trends in seismic assessment and strengthening of bridges (Special Session)	11		
Recent advances for improving seismic behaviour of reinforced concrete walls (Special Session)	11		
Recent Advances in Probabilistic Seismic Hazard Assessment Practice (Special Session)	11		
Seismic Assessment of Lifelines (Special Session)	8		
Energy-Based Design For Seismic Resistance (Special Session)	7		
Risk evaluation of industrial plants in seismic prone-areas (Special Session)	7		
State-of-the-Art in Estimating Earthquake Risk (Special Session)	7		
Challenges in multi-scale exposure and vulnerability modelling (Special Session)	6		
Earthquake Retrofitting of School Buildings (Special Session)	5		
European Services for Seismology in the context of the European Plate Observing System (EPOS) (Special Session)	5		
Urban Strong-motion Arrays: New Advances and Applications (Special Session)	5		
Earthquake early warning/rapid response coupled to real-time risk assessment (Special Session)	4		
Urban Earthquake Hazards: the structural and non-structural dimensions of resilience (Special Session)	4		
Seismic Design of Timber buildings (Special Session)	3		
Communication of risk and uncertainty to the general public (Special Session)	2		
Future directions for Eurocode 8 (Special Session)	1		
Cat Management and Earthquake Insurance (Special Session)	1		
		TOTAL=	260
			2053
oral	1567		
poster	486		
NUMBER OF TOTAL ABSTRACTS	21.4.2014	2053	
NUMBER OF FULL PAPERS	21.4.2014	846	

MINUTES OF THE EXECUTIVE COMMITTEE MEETING

No	ESC SESSIONS	Convener
1	Improving seismic networks performances: from site selection to data integration	Damiano Pesaresi
2	Multi-scale passive seismic imaging and monitoring	Valerio Poggi
3	Internet, smartphones and social networks: How do they change seismology?	Rémy Bossu
4	Palaeoseismology	Andrey Korzhenkov
5	Geodynamics of Eurasia: GPS/InSAR-constraints and relation to seismicity	Athanassios Ganas
6	Interdisciplinary approach to Earthquake Forecast/Prediction: Advances in observations and operational testing.	Dimitar Ouzounov
7	Nonlinear Seismology and the implications on Engineering Seismology and Earthquake Engineering	Gheorghe Marmureanu
8	Cross border harmonized seismic hazard and risk assessment: results, lessons learned and future challenges.	J. Woessner
9	Earthquake swarms and associated processes	Josef Horalek
10	Studying Seismic Sources: Theory, Methods and Applications	Sebastiano D'Amico
11	Just In Time: Real-Time Risk for Early Warning, Operational Forecasting and Rapid Response	Dino Bindi
12	Seismological and Structural Studies in the Polar Regions	Johannes Schweitzer
13	Regional hazard and risk assessment. New Insights on Vrancea Intermediate-Depth Seismic Source	Radu Văcăreanu
14	Induced Seismicity	Thomas Braun
15	Earthquakes of the past: present knowledge and future perspectives	Andrea Rovida
16	Complexity of earthquake physics, rupture processes, and the scientific prediction	George Purcaru
17	Share your data with the community: Data models, metadata and services in seismology.	Philipp Kästli
18	Communication and education: making seismology accessible to society	Stefano Solarino
19	Incorporating Synthetic Ground Motion Data into Empirical GMPEs	Luis Dalguer
20	Methods and data for the study of earthquakes recorded on pre-WWSSN historical seismograms	Graziano Ferrari
21	EMS98 in macroseismic field surveys	Ina Cecić
22	Rapid source and ground shaking estimation for seismic surveillance purposes	Alberto Michelini
23	Research, Development, Applications, and Operations Related to Generating Rapid Shaking Maps.	Bruce Worden
24	“Working together” Enhancing engagement between researchers and practitioners for risk mitigation	Kevin Fleming

No	SPECIAL SESSIONS	CONVENER
1	Research, Data, and Developments on Near-Real Time Earthquake Loss Estimation Systems.	Nina Frolova
2	Assessment and New Strategies for Tsunami Mitigation	Nurcan Meral Özel
3	Case studies of methodology development for real time mitigation of seismic risk to industries and strategic facilities	Carlo Cauzzi
4	UPStratMAFA European Project: developments and achievements	Gaetano Zonno
5	EMME (Earthquake Model of Middle East: From Seismic Hazard to Seismic Risk)	Karin Sesetyan
6	Recent advances for improving seismic behaviour of reinforced concrete walls	Katrin Beyer
7	SYNER-G: Systemic Seismic Vulnerability and Risk Analysis for Buildings, Lifeline Networks and Infrastructures Safety Gain: Methodology and Applications to Selected Case Studies in Europe	Kyriazis Pitilakis
8	Energy-Based Design For Seismic Resistance	Faruk Karadogan
9	Recent Advances in Probabilistic Seismic Hazard Assessment Practice	Zeynep Gülerce
10	SAFECLADDING: Improved Fastening Systems of Cladding Wall Panels of Precast Buildings in Seismic Zones	Ihsan Engin Bal
11	Risk evaluation of industrial plants in seismic prone-areas	Fabrizio Paolacci
12	Seismic Assessment of Lifelines	Eren Uckan
13	State-of-the-Art in Estimating Earthquake Risk	Max Wyss
14	Current trends in seismic assessment and strengthening of bridges'	A. Kappos
15	NERA tools and methodologies to assess earthquake risk	Helmut Wenzel
16	Seismic Design of Timber buildings	Hasan Boduroğlu
17	Accelerometric data, networks and their significance in engineering and seismological studies in and around Europe	Sinan Akkar
18	Earthquake early warning/rapid response coupled to real-time risk assessment	Can Zulfikar
19	Seismic rehabilitation and retrofit of structures.	Raimundo Delgado
20	Field and laboratory testing to improve the seismic vulnerability assessment	Mariantonietta Morga
21	Presentation of the OpenQuake-platform, the interactive framework for seismic hazard and risk assessment of the Glo	Vitor Silva
22	Communication of risk and uncertainty to the general public	Martin Koller
23	Urban Earthquake Hazards: the structural and non-structural dimensions of resilience.	Murat Nurlu
24	Challenges in multi-scale exposure and vulnerability modelling	Massimiliano Pittore
25	Earthquake Retrofitting of School Buildings	K. Gokhan ELGIN
26	Cat Management and Earthquake Insurance	İsmet Güngör,
27	Ambient Noise for soil and building studies	Marco Mucciarelli
28	European Services for Seismology in the context of the European Plate Observing System (EPOS)	Florian Haslinger
29	Earthquake issues associated with long- span bridges	Nurdan M. Apaydın
30	Urban Strong-motion Arrays: New Advances and Applications	Benedikt Halldorsson
31	Future directions for Eurocode 8	Edmund Booth

Annex 2. Table of Contents for the "Perspectives on European Earthquake Engineering and Seismology"

VOLUME 1 Table of Contents

Atila Ansal (Editor): *Preface*

- Ch.1. Robin Spence (Nicholas Ambraseys Lecture) *The full-scale laboratory: the practice of post-earthquake reconnaissance missions and their contribution to earthquake engineering*
- Ch.2. Mustafa Erdik, K.Şeşetyan, M.B.Demircioğlu, C.Zülfikar, U.Hancılar, C.Tüzün, E.Harmandar: *Rapid Post-Earthquake Loss Assessment*
- Ch.3. Paolo E. Pinto and Paolo Franchin: *Existing buildings: the new Italian provisions for a probabilistic seismic performance assessment*
- Ch.4. Matej Fischinger, Blaž Zoubek, and Tatjana Isaković: *Seismic response of precast industrial buildings*
- Ch.5. Marco Mucciarelli: *The role of site effects at the boundary between seismology and engineering: lessons from recent earthquakes*
- Ch.6. Tatjana Isaković and Matej Fischinger: *Seismic Analysis and Design of Bridges with an Emphasis to Eurocode Standard*
- Ch.7. Michael Fardis: *From the performance- and displacement-based assessment of existing buildings in EC8 to the design of new concrete structures per fib MC2010*
- Ch.8. Elizabeth Vintzeleou: *Testing of historic masonry structural elements and/or building models*
- Ch.9. Carlos Sousa Oliveira, Mónica A. Ferreira, F. Mota Sá: *Earthquake Risk Reduction: from scenario simulators including systemic interdependency to impact indicators*
- Ch.10. Roberto Paolucci, Ilario Mazzieri, Chiara Smerzini, Marco Stupazzini: *Physics-based earthquake ground shaking scenarios in large urban areas*
- Ch.11. G. M. Calvi, T.J. Sullivan, D.P. Welch: *Simplified Approaches for Seismic Performance Classification*
- Ch.12. K. Beyer, S. Petry, M. Tondelli, A. Paparo: *Towards performance-based design of modern unreinforced masonry structures*
- Ch.13. M. De Stefano and V. Mariani: *Pushover Analysis for Plan Irregular Building Structures*
- Ch.14. Alessandro Martelli, Paolo Clemente, Alessandro De Stefano, Massimo Forni, Antonello Salvatori: *Recent development and application of seismic isolation and energy dissipation and conditions for their correct use*
- Ch.15. Dina D'Ayala *Conservation principles and performance based strengthening of heritage buildings in post-event reconstruction*
- Ch.16. Helen Crowley *Earthquake risk assessment: present shortcomings and future directions*
- Ch.17. George Mylonakis, Raffaele Di Laora, Alessandro Mandolini: *The Role of Pile Diameter on Earthquake-Induced Bending*
- Ch.18. Amir Kaynia and Gökhan Saygılı: *Earthquake response of clay and quick clay slopes*
- Ch.19. K.Önder Çetin and H. Tolga Bilge *Recent Advances in Seismic Soil Liquefaction Engineering*
- Ch.20. Martin Wieland: *Seismic hazard and seismic design criteria for large dam projects.*

VOLUME 2 Table of Contents

A. Ansal: *Preface*

EAEE-ESC Joint Keynotes

- Ch.1. Shamita Das (Inge Lehmann Lecture) *Supershear earthquake rupture speed*
- Ch.2. Mauro Dolce: *Civil Protection Critical Issues in Seismology and Earthquake Engineering Research*
- Ch.3. Dino Bindi: *From building monitoring to real-time damage forecasting and assessment*

EAEE Keynotes

- Ch.4. Kyriazis Pitilakis: *Earthquake risk assessment: Certitudes, fallacies, uncertainties and the quest for soundness*
- Ch.5. Colin Taylor: *A process view of infrastructure system interdependency and resilience*

ESC Keynote

- Ch.6. Adrien Oth: *The earthquake source scaling debate: advances, challenges and where we stand today.*
- Ch.7. Michel Campillo: *Application of ambient noise analysis in Seismology at regional and global scales.*
- Ch.8. Peter J. Stafford: *Variability and Uncertainty in Empirical Ground-motion Prediction for Probabilistic Hazard and Risk Analyses*

EAEE Theme Lecturers and titles

- Ch.9. Andreas Kappos: *Performance-based seismic design and assessment of bridges*
- Ch.10. Ahmed Elghazouli: *Seismic Design Code Developments for Steel and Composite Structures*
- Ch.11. Faruk Karadoğan: *An algorithm to justify the design of single storey precast structures*
- Ch.12. Nuray Aydınöğlü: *Developments in Seismic Design of Tall Buildings*
- Ch.13. Sinan Akkar: *Recent Developments in Ground Motion Predictive Models and Accelerometric Data Archiving in the Broader European Region*
- Ch.14. Alain Pecker: *Seismic Analysis and Design of Foundation Systems / Soil-Structure Interaction*
- Ch.15. Sergio Lagomarsino: *Seismic Performance of Historical Masonry Structures Through Displacement-Based Assessment Procedures*
- Ch.16. Selçuk Toprak: *Seismic Response of Underground Lifeline Systems*

ESC Theme Lecturers and titles

- Ch.17. Andrea Rovida and Mrio Locati: *Archive of historical earthquake data for the European-Mediterranean area*
- Ch.18. Enrico Lunedei and Peter Malischewsky: *A review and some recent issues on the theory of H/V technique for ambient vibrations*

Annex 3. Report of the Secretary of the Executive Committee on the EAEE Working Group Activities

1. Current state of individual groups

WG1 - Future directions for Eurocode 8

Coordinator: Edmund Booth

The WG was established in September 2013. Its objective is to propose ways in which EC8's development should proceed, accounting for a longer timescale than that dictated by the current CEN revision of the Eurocode suite. It will limit itself to proposing broad objectives for EC8 to achieve by 2025; detailed code drafting is beyond its scope.

The current membership is:

Edmund Booth (Coordinator)	Consultant, UK
Michael Fardis	University of Patras, Greece
Peter Fajfar	University of Ljubljana, Slovenia
Alain Pecker	Geodynamique et Structure, France
Eduardo Carvalho	Gapres, Portugal
Roberto Paolucci	Politecnico di Milano
Timothy Sullivan	University of Pavia, Italy
Helen Crowley	University of Pavia, Italy
Gaetano Manfredi	University of Naples, Italy
Suikai Lu	Consulting Engineer, Austria
Marco Di Ludovico	University of Naples, Italy
Katrin Beyer	EPFL, Switzerland
Damian Grant	Arup, UK
Hervé Degée	University of Liege, Belgium

The WG held its first meeting at the JRC, Ispra on 27th November 2013.

It has been allocated a 90 minute special session at 2ECEES, Istanbul in August 2014, and will use this as an opportunity to gain feedback on its findings to that date from the wider earthquake engineering community in Europe.

WG2 – Strong Motion Records for Engineering Applications

Coordinators: Sinan Akkar, Nikos Theodulidis

The activities of the WG will become more definite when Akkar and Theodulidis meet in May for a strong-motion workshop. The following activities were agreed based on email exchanges:

1. Collaboration with Orfeus - Working Group 5 that is responsible of integrating accelerometric data in the greater Europe region
2. Preparations for a webpage under EAEE for informing European engineers and researchers about the recent projects, initiatives and tools on accelerometric data.

Membership list not available yet; no WG website.

WG3 – Earthquake Hazard, Earthquake Risk and Earthquake Scenarios

Coordinators: Mauro Dolce, Mario Lopez

M. Lopez recently joined the WG as co-coordinator in 2014 and sent detailed report in April 2014.

Proposed activities relate to seismic risk mitigation policies, strategies and implementation. Specific topics are:

- Gather studies on the evaluation of seismic risk.
- Characterize the policies of the Members States in what regards seismic risk reduction
- Concrete action proposals to reduce seismic risk
- Promote lobbying activity in the EU Member States and in Brussels to try to put forward the proposals to EU institutions and Governments of other countries
- Operational issues
 1. First set up a group of delegates of WG3 in as many EU Member states as possible
 2. WG3 should work closely with the Executive Committee of EAEE, as it will act on behalf of EAEE and the main decisions and actions

Membership list not available yet; no WG website.

WG5 – Seismic Isolation of Structures

Coordinator: Michail Garevski

New coordinator appointed September 2013.

No report, no membership list yet, no WG website.

WG6 – Geotechnical Earthquake Engineering

Coordinator: Kyriazis Pitilakis

Focus on the general topic “site effects- ground motion” and “Microzoning studies”.

- New amplification factors and site -soil classifications schemes (papers in BEE and elsewhere)
- Spatial correlation models for seismic hazard and site effects (i.e. SYNER-G project)
- Analysis and quantification of uncertainties in GMPE, including soil effects (work done in SHARE)
- Strong motion data bases with good quality metadata (geotechnical, etc.) (e.g. ITACA)
- Data sets on site effects and strong ground motion from several strong earthquakes in Europe

Interest in synthesizing all this material but it is deemed very difficult to anyone to take over this task; coordinator feels unable to do it in the near future.

Membership list not available, no WG meetings, no WG website.

WG7 – Development of Shaking Table Testing Techniques

Coordinator: Adam Crew

The new Coordinator (whom the Secretary met in Bristol 31/3/14) plans to ensure that all the European organisations with large shaking table and/or reaction wall facilities are represented within the working group and to that end he has made initial contact with all the laboratories. Once the membership of the WG is confirmed the plan is to work with all the group members to look at broadening the scope of the WG activities in line with the current aspirations of the test facilities.

Confirmed members:

Bristol - Adam Crewe

LNEC - Paulo Candelas and Antonia Correia

EU Centre - Alberto Pavese

Contact made with CEA, NTUA, ISMES, Skopje and JRC; confirmation of contact names pending.

WG8 – Seismic Behaviour of Irregular and Complex Structures

Coordinator: Mario De Stefano

Main focus has been the organisation of European Workshop on the Seismic Behaviour of Irregular and Complex Structures; 7th one to be held Oct. 2014 in Opole, Poland.

Springer Book “Seismic Behaviour and Design of Irregular and Complex Civil Structures” published in 2013, collecting the improved and revised papers presented at the 6th EWICS (Haifa, 2011).

Planned future activities: setting up Project Teams with different research targets; creation of WG8 website; setting up research networks to participate to European calls for proposals.

Membership list: Alwely, Anagnostopoulos, Athanatopoulou-Kyriakou, Ayala, Bento, Capozzi, Chen Cimellaro, Zamfirescu, Yael, Farhat, Favvata, Fujii, Gasparini, Georgoussis, Ghersi, Guo, Huino, Jaroszewicz, Kapustian, Khoury, Köber-Musat, Kobojevic, Lavan, Leibovich, Levy, MacRae, Magliulo, Mariani, Marino, Mazars, Moghadam, Nsieri, Offir, Palermo, Penelis, Qifeng, Reinhorn, Reyes, Roy, Rutenberg, Schwarz, Silvestri, Stimamiglio, Tanganelli, Teisseyre, Trombetti, Viti, Wilkinson, Zembaty Zolkov Adi (51 members).

WG10 – Seismic Aspects of Historical Monument Preservations

Coordinator: Elizabeth Vintzileou

The main aim of the WG is to prepare a State-of-the-Art Report on the seismic behaviour of historic masonry elements, subassemblies and building models.

The work within the WG will be organized as follows:

- A. Collection of available data
- B. Preparation of a template for the presentation of each separate test (including the values of key parameters).
- C. Filling-in of the Forms with experimental data.
- D. Evaluation of experimental results and suggested values of key parameters.
- E. Draft of the State-of-the-Art Report (short presentation of experimental works and results of evaluation).

The current membership is:

Elizabeth Vintzileou, National Technical University of Athens, Coordinator

Ihsan Engin Bal, Istanbul Technical University

Francesca Da Porto, University of Padova

Matija Gams, University of Ljubljana

Paulo Lourenco, University of Minho

Guido Magenes, University of Pavia

Stavroula Pantazopoulou, University of Cyprus

Andrea Penna, University of Pavia

John Psycharis, National Technical University of Athens

Ioannis Stefanou, Ecole Nationale des Ponts et Chaussees

The first meeting of the WG will take place in August 2014 in Istanbul.

WG11 – Seismic Design, Assessment, and Retrofit of Bridges

Coordinator: Andreas Kappos

Ongoing activities:

- Regular meetings held annually (last one in Kos, June 2013, next one in Istanbul, Aug. 2014)
- Updating/improving the [WG11 website](#)
- Dissemination of Springer book [Seismic Design and Assessment of Bridges](#) written by the WG11 members
- Strengthening contacts with other International Groups in the field, in particular IABSE WG7 (joint organisation of mini-symposium within COMPDYN 2013) and ACI Comm. 341 (its chairman Prof. S. Sritharan became a member of WG11, and A. Kappos a member of ACI 341, joint activities planned)
- Three project teams set up in 2012:

- Project Team #1 on Bridge Monitoring and System Identification (current convenor C. Karakostas)
- Project Team #2 on EC8 Part 2 implementation (current convenor M. Fischinger)
- Project Team #3 on Bridge-specific ground motion selection and generation procedures for design and assessment (current convenor A. Sextos)

Good progress made by PT1, less by PT2 and PT3.

The current membership (full members) is:

Andreas Kappos, City University London, Coordinator
Antonio Arede, University of Porto
Nuray Aydinoglu, University of Bosphorus
Donatello Cardone, University of Basilicata
Pedro Delgado, Polyt. of Viana do Castelo
Matej Fischinger, University of Ljubljana
Tatjana Isakovic, University of Ljubljana
Kazuhiko Kawashima, Tokyo Institute of Technology
George Mylonakis, University of Patras and University of Bristol
Camillo Nuti, University of Rome III
Stavroula Pantazopoulou, University of Cyprus
Rui Pinho, EUCENTRE & Rose School, Italy
Paolo Pinto, University of Rome "La Sapienza"
Mehdi (Saiid) Saiidi, University of Nevada Reno
Anastasios Sextos, Aristotle University of Thessaloniki

There are also 11 [corresponding members](#)

Strong interest, particularly from younger researchers, to join the WG; new membership will be decided at the Istanbul meeting.

2. Conclusions and recommendations

- The activities of working groups constitute a major part of the EAEE work; they are arguably the most important EAEE activity together with the journal (BEE) and the conference (ECEE).
- The replacements of coordinators in late 2013 have been mostly successful
- The idea of adding new co-coordinators also seems to work well (despite some of them being a bit over-enthusiastic); should be applied to other WGs, e.g. WG5
- The groups must have membership (suggested limit 20 for full members, flexibility in corresponding members) and, if possible websites, and should hold meetings at least biannually. Groups without members and meetings after Aug. 2014 will be subject to scrutiny, with a view to replacing the coordinator or adding a (younger) co-coordinator.

Andreas Kappos

12/4/2014