



EUROPEAN ASSOCIATION FOR EARTHQUAKE ENGINEERING

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Audit Committee: Reiner Flesch (Austria), Emil Sever Georgescu (Romania)

MINUTES OF THE EXECUTIVE COMMITTEE MEETING

Meeting number: 3 Date: 16 June 2019

Place: Forum Hotel, Rome, Italy

Attendance:

Kyriazis Pitilakis (KP), President

Atilla Ansal (AA), Vice President

Radu Vacareanu (RV), Vice President

Andreas Kappos (AK), Secretary General

Alain Pecker (AP)

Christoph Butenweg (CB)

Mauro Dolce (MD)

Rita Bento (RB)

Katrin Beyer (KB)

Maria José Jiménez (MJ), ESC Representative

Stefano Parolai (ESC SG) attended through Skype discussion on Items 7, 8

Apologies:

None

The third meeting of the Executive Committee (ExCo) of the European Association for Earthquake Engineering for the 2018-2022 period was held in Rome, Italy on Sunday 16 June 2019 at Forum Hotel, between 13:00 and 18:00.

The Executive Committee meeting was chaired by the President.

Agenda:

1. President's report
2. Central Office activities
3. Secretary General's report
4. Working Group activities report
5. Report of the EAAE representative to the ESC
6. Update on the 2022 ECEES
7. Regional seminars

8. EAEE – ESC workshops
9. Approval of the amendment of statutes to allow vote delegation
10. WG12 proposal on Young Researcher Award
11. EAEE involvement in EU task force established under DG Civil Protection
12. Bulletin of Earthquake Engineering and GSEE Book Series
13. Approval of Audit and Yearly reports
14. Date of the next meeting

Item 0:

The agenda was approved without amendments.

Item 1:

KP presented the President's report which is attached to these minutes as Annex 1. In addition he stressed the importance of strengthening the links with the Industry, as well as of sharing of structural test data, referring to the research projects ORPHEUS, SERA and ERIC.

The proposal for a new working group on Dissemination of Structural Testing Data, also supported by the SG (AK) and the Secretary (AP), was approved, and KB was appointed as its coordinator (see also Item 4).

Item 2:

AA presented the Report on the Central Office and Vice-President's Activities for 2018-2019; the report is included in full in these minutes as Annex 2. In addition AA informed the ExCo that Springer has decided to switch to 15 issues of the Bulletin per year, as a result of the increase in the influx of manuscripts (exceeded 700 in 2018). Also, a new Associate Editor (A. Elghazouli) was appointed.

There were no matters arising from this report.

Item 3:

AK presented the Secretary General's report, which is included in full in these minutes as Annex 3. The ExCo members welcomed the news regarding the new EAEE member (the Dutch EEA) that has already been active in organising a regional seminar next year (see Item 7).

The SG also mentioned that he and the President will make enquiries regarding the cost of the work needed to set up a new EAEE website, to be supervised by the President and the SG.

Item 4:

AP gave a brief overview of the current state of the EAEE WGs, noting that only five are currently active and reminding of their recent outcomes. The full WG Activities report is included as Annex 4 to this report.

Following the Secretary's report, CB presented a proposal for setting up a new WG on 'Seismic risk assessment and design of industrial facilities'. The aim of the WG is to provide a contribution to the development of seismic codes, including seismic design and innovative protection systems of major-hazard industrial plant components, and support the implementation of the Seveso III Directive which regulates the control of major accident hazards involving dangerous substances under seismic events. A provisional list of members was also put forward and Fabrizio Paolacci (Roma Tre University) was proposed as coordinator of the WG. Following a detailed discussion, wherein MJ proposed to explore the possibility of having WG13 as a joint EAEE-ESC WG, the ExCo agreed to the formation of WG13 'Seismic assessment, design and resilience of industrial facilities' and encouraged them to include some hazard experts and address, inasmuch as possible, issues of resilience following strong earthquakes. A revised version of the WG description and aims will be provided to EAEE by mid July 2019.

As noted under item 1, a decision was made to set up another new working group WG14 on 'Dissemination of Structural Testing Data' KB was invited to prepare a proposal for the working group; a possible coordinator will be identified in this process. KB also proposed holding a workshop on the Dissemination of Structural Data towards the end of the SERA project (Oct. 2019).

Finally, the ExCo approved a proposal by AK to offer the possibility to WG coordinators to appoint 'Rapporteurs' whenever needed for the smooth running of the group.

Item 5:

AA gave a brief (oral) overview of his participation to ESC activities, in particular to last year's ESC General Assembly/Conference in Malta, where the second voting for the venue of the next ECEES was made and Bucharest was finally selected. He also mentioned that the next ESC GA will take place next year in Corfu, Greece, and N. Voulgaris (Athens University) will be the chair. It is there that the next Ambraseys lecture will be delivered by C S Oliveira.

Item 6:

RV on behalf of the Organising Committee of the 3rd ECEES which he chairs briefed the ExCo on the progress of the work related to the Conference. The website has already been launched (<https://3ecees.ro/>) and the various committees will soon be set up. The first Newsletter "Save the Date" was already submitted to more than 25000 recipients, out of which more than 4800 opened it. A number of suggestions were made by ExCo members (mainly regarding the time schedule); the SG reminded that according to the recently established guidelines for joint EAEE-ESC conferences, there are no compulsory 'long' papers, the norm is 'extended abstracts' of about 3 pages.

Item 7:

RB presented a report on the forthcoming regional seminar on 'Induced Seismicity due to Human Activities' (the first draft of the full proposal submitted by the DEEA was circulated by email by the SG ahead of the meeting), also including a draft of the envisaged budget (amounting to 64,000 Euro); the EAEE is expected to cover travel expenses for 12 speakers. The ExCo discussed several practical aspects and gave the 'go ahead' to the local organisers who will be supported by WG12 and, whenever needed, the SG.

Item 8:

A discussion took place with the participation of S. Parolai (via Skype) regarding the options to have a single event in Groningen or two events, one focussing more on the seismological aspects and one on the engineering and management aspects of induced seismicity. Following the suggestion of SP, it was decided to have two events, one in Trieste (at the end of this year, possibly in November), and the second one will be the regional seminar in Groningen. The Trieste event will be organised by the ESC WG on "Induced Seismicity" with participation from the EAEE, while the Groningen seminar will proceed as described under item 7.

Item 9:

The proposal made at the previous ExCo to revise the Guidelines for the GA to allow delegation of votes, i.e. "*Individual members unable to attend the General Assembly can authorise another member to represent them and vote on their behalf; the authorization has to be in writing. No member can represent more than two other individual members*" was approved by the ExCo.

Item 10:

The issue of the Young Researcher Award had been discussed in detail in the last meeting, hence was addressed only briefly this time. It was decided to ask WG12 to prepare a draft Guideline for the

bestowment of this award, based on the principle that it will be 'career-based' rather than 'paper-based'. An important issue yet not fully resolved is who exactly will have the right to nominate people for the award (apart from the ExCo members).

Item 11:

Regarding the EAEE involvement in the EU task force established under DG Civil Protection and in post-earthquake reconnaissance and screening teams, MD gave an overview of the situation in Italy and in Europe and indicated that at least for big countries like Italy, having a few more extra people (EAEE volunteers) will make no real difference in the management of the post-earthquake situation, plus the issue of training (in Italy this training on post-earthquake assessment takes around 60 hours). The ExCo felt that at least at this stage there is no real need to set up volunteers' teams among the EAEE membership.

Item 12:

The BEE issues (such as that of new Associate Editors) were addressed under item 2. Several ExCo members raised again the issue of the difficulty in finding appropriate reviewers for the large amount of MSs submitted; AA mentioned that he will raise with Springer the issue of making it a prerequisite for the final acceptance of a paper that the authors undertake the commitment to review at least one paper per year for a period of two years.

Item 13:

The Audit and Yearly reports were approved.

Item 12:

It was provisionally decided that the next meeting of the ExCo will take place in Groningen just prior to the regional seminar (date 10/5/2020, TBC). The SG will take care of the logistics of the meeting.

Post-meeting note: The SG and RB had a meeting with the President of the Dutch AEE (I. Bal) in Crete and the latter confirmed that a room will be made available for the ExCo's meeting; details will follow in due course.

The meeting ended with the thanks of the President to all participating members.

Andreas Kappos
Secretary General

Annex 1

President's report

a) 16ECEE material

The proceedings of the 16ECEE as well as most of the pdf's of the keynote and theme lecture presentations were uploaded on the EAEE webpage and are freely available at: <http://www.16ecee.org/proceedings>

b) Data base of test results

Regarding the issue of the Data base / Repository I had the opportunity to discuss during the SERA and EPOS meetings with several key persons the possibility of creating a European database Repository similar to the one developed recently in USA (DesignSafe etc). Contrary to the seismological community which agreed and is very advanced in the development of a European Database Repository including methodologies and tools for seismic hazard assessment (ERIC, EHEHR, ORFEUS etc.) the engineering community is reluctant to go in this direction regarding the dissemination of test results from the operating large facilities and the structural monitoring of buildings/infrastructures.

While it is understandable that the second Repository is by far more demanding than the seismological one and hence more "expensive", I believe that we should continue our efforts as EAEE toward the creation of this tools which will be very interesting and extremely useful in particular for the new generation of researchers. It is also understandable that we should need to "smooth" the different opinions and persuade the operators of the large experimental facilities that it is of mutual interest to contribute.

For that it is proposed to proceed in small steps as follows:

- To establish in EAEE an ad-hoc WG (WG14?) which will work on his subject
- To nominate Katrin Beyer as coordinator
- To get in contact with Ellen Rathje who is in charge of this action in USA to share her experience and know-how (it has been already done and she is very positive in intact!)
- To prepare with the support of Mauro Dolce a brain storming meeting in November (the date to be determined in due time, the 4th of November being a first option) where a small number of key persons will exchange ideas and express their opinions on the pros and cons of this initiative.
- To ask Katrin Beyer to prepare until then, with the support of other willing persons, a supporting document.
- To explore the funding possibilities from EU.

Annex 2

Central Office and Vice-President activities report for June 2018 – June 2019

GENERAL

The Vice-President participated:

To represent EAEE and to attend technical sessions and to promote special issues for BEE and new books for the GGEE book series. He made brief presentations about the EAEE and about Working Group activities in some of these meetings.

- International Conference on Construction Technology and Innovation (INCONIN2019) Jakarta, 21-22 March, 2019
- "EAGE-GSM 2nd Asia Pacific Meeting on Near Surface Geoscience & Engineering, 22-26 April 2019 Kuala Lumpur, Malaysia
- GEOMEAST 2018, International Conference & Exhibition, 24-28 November 2018, Cairo, Egypt
- 36th General Assembly of the European Seismological Commission, 2-7 September 2018, Malta

[Yearly Auditing Report](#) was prepared and yearly Association Report was submitted to the Turkish Directorate of Associations.

MEMBERSHIP

Correspondence with all National and Individual members are continued for collecting the EAEE Annual membership fees.

Cyprus Society of Earthquake Engineering have joined EAEE as the 32nd National Member.

Dutch Earthquake Engineering Association have joined EAEE as the 33rd National Member.

The number of individual memberships increased to 217.

A small percentage of the individual members have paid for 2019.

BALANCE TOTALS FOR THE YEARS OF 2018-2019

| | | | | |
|---------------------------------|---|--------------------|--------------------|--|
| BALANCE FOR JUNE 2018 | | 50,381.64 € | | |
| | | INCOME | EXPENDITURE | |
| <i>Membership fees from</i> | | | | |
| | <i>National Members</i> | 4,756.91 € | | |
| | <i>National Members (BEE Subscribed Members)</i> | 4,465.00 € | | |
| | <i>Corporate Members</i> | | | |
| | <i>Individual Members - Electronic Subs.</i> | 1,881.60 € | | |
| | <i>Individual Members - Paper Copy Subs.</i> | 420.00 € | | |
| | <i>Individual Members - Electronic+Paper Copy Subs.</i> | 490.00 € | | |
| ECEE Contribution | | 4,960.00 € | | |
| <i>Office Expences</i> | | | | |
| | <i>Auditing Cost (2018)</i> | | 768.50 € | |
| | <i>Part Time Office Support</i> | | 7,818.80 € | |
| | <i>Rate for bank account and Interest</i> | | 233.98 € | |
| SPRINGER | | | | |
| | <i>Hard Copy</i> | | 4,400.00 € | |
| | <i>Electronic (2018)</i> | | 1,750.00 € | |
| SUM | | 67,355.15 € | 14,971.28 € | |
| DIFFERENCE | | 52,383.87 € | | |
| SPRINGER DEBT (Hardcopy) | | 480.00 € | | |
| BALANCE FOR JUNE 2019 | | 51,903.87 € | | |

BULLETIN OF EARTHQUAKE ENGINEERING (BEE)

We are publishing our 17th volume in 2019. This would not have been possible without the contributions of the distinguished BEE Associate Editors, Editorial Board, authors of the published manuscripts and the competent and dedicated reviewers.

I would like to express my gratitude to all authors who are really the main contributors to this process and to all Associate Editors and the Members of the Editorial Board for all their support as reviewers, authors and Guest Editors. I would also like to thank all reviewers for their very important input in this process. And of course, I would like to express our gratitude and thanks to Springer and to Petra D. van Steenberg, Executive Editor of Earth Sciences, Amit Dixit, Production Coordinators and Madan Ellappan JEO Assistant for their continuous support and encouragement.

Due to the increasing number of submitted manuscripts, (we received about 340 manuscripts so far). We invited Prof. Ahmed Elghazouli to be the ninth Associate Editor for BEE and he accepted our invitation, he will be functional as of July 1, 2019

With respect to published manuscripts; the first BEE volume in 2003 consisted of three issues, had 16 manuscripts, the last BEE Volume in 2018 consisted of 12 issues contained 246 articles. As of today, we have already published 6 issues from Volume 17 with 140 articles covering 3613 pages. July issue V17N7 is in preparation again with 30 articles. At the submission of TOC of v17n7, no more normal articles were left in the online available list.

One possible option will be to publish 15 issues per year including special issues. Springer is planning to change the publication schedule to more flexible procedure, when certain number of articles are online available the issue will be composed and published.

No special issues are published in 2019 so far however, four special issues are under development for publication in 2019;

- 1. Special Issue on "The 2016 central Italy Earthquakes "with Guest Editors Angelo Masi and Andrea Penna that may contain 13 manuscripts*
- 2. Special Issue on "Induced Seismicity and Its Effects on Built Environment "with Guest Editors Eleni Smyrou and Ihsan Engin Bal that may contain 17 manuscripts*
- 3. Special Issue on "Seismic Microzonation of Central Italy following the 2016-2017 seismic sequence" with Guest Editors Amoroso Sara, Gaudiosi Iolanda, Hailemikael Salomon that may contain 14 manuscripts*
- 4. Special Issue on "Advanced numerical modelling and experimentation for masonry structures subjected to seismic loads: Selection of expanded papers presented at the 10th international masonry conference IMC held in Milan, 9th-11th July 2018" with Guest Editor Gabriele Milani that may contain 15 manuscripts*

BOOK SERIES ON GEOTECHNICAL, GEOLOGICAL AND EARTHQUAKE ENGINEERING

Even though this activity was established independent of EAEE, in the long run it can be regarded as the official book series of EAEE. This book series would be suitable to publish the conference proceedings as well as the books that may come out of WGs. Springer offers 20% to EAEE Individual Members for this book series.

Titles to be published: 2019-2020

1. Dietlinde Köber, Mario De Stefano, Zbigniew Zembaty (editors) Seismic Behaviour and Design of Irregular and Complex Civil Structures III The book consists of: preface, list of contributors, 33 chapters and index.
2. Damian Beben, Soil-Steel Bridges, Design, Maintenance, and Durability

INTERNET - WEB

The Internet-EAEE web pages that were created in 1995 were updated continuously. The web pages were updated and are in operation since the beginning of 2013. The present address of the EAEE Web Pages still is: <http://www.eaee.org>. The web pages are being managed by the Central Office.

Atila Ansal

Annex 3**Secretary General's activities report for July 2018 – May 2019***SG GENERAL ACTIVITIES*

The SG notifies the ExCo that as of the end of August 2019 his main work base will be at Khalifa University in Abu Dhabi; he will maintain research contacts with both the UK (where he is the Founding Director of the Research Centre for Civil Engineering Structures at City, University of London) and the Aristotle University of Thessaloniki. Despite being primarily based in Middle East, he is happy to continue as SG of the EAEE.

The main activities of the Secretary General in the period since his last report (June 2018) were:

- Preparing the minutes of the 1st meeting of the new ExCo held on 21 June 2018 and the 2nd (extraordinary) meeting, both held in Thessaloniki, and circulating them among its members for comments; final versions of the minutes were distributed within a week after the meetings.
- Arranging, in co-operation with the local hosts, the venues of the ExCo meetings and related issues.
- Correspondence and (where feasible) meetings with EAEE National Delegates and members, as well as other associations expressing an interest in (re)joining the EAEE.
 - A new association has been accepted to the EAEE, namely the Dutch Earthquake Engineering Association (DEEA). The president is Ihsan Bal from Hanze University (Groningen) and their Board includes members from other major universities, as well as from the Industry. The DEEA started on the right foot by accepting to organise the next regional seminar (see item 7 on the agenda).
 - Several exchanges involving both the former President and the SG were carried out to resolve the situation with the Russian Association for Earthquake Engineering following the passing away of Prof. Jacob Eisenberg, long-time president of that association, and later his successor Prof. Vyacheslav Belyaev. The issue is now mostly resolved; EAEE still recognises the Russian Association for Earthquake Engineering (RAEE), and other groups like the National Seismic Safety Committee were encouraged to cooperate with the RAEE. The ExCo is requested to approve the new appointed delegate Dr Lyubov N. Smirnova. The SG will visit St Petersburg in July and meet with the RAEE Board members.
 - Prof. Agim Seranaj from Tirana has agreed to proceed with the establishment of an Albanian Association for Earthquake Engineering, with support from M. Garevski and the SG, but so far not much progress has been made.
- All National Delegates were contacted by the SG and were asked to update their existing data (also posted on the EAEE website). A number of updates were collected and the EAEE archives were updated (a table was presented with all recent changes).
- Liaison with the President (K. Pitilakis) with regard to several issues regarding the Association.
- Liaison with Vice-President R. Vacareanu on different aspects of the ECEES organization.

- Liaison with Vice-President A. Ansal on membership, the website, and other Central Office issues.
- Liaison with Secretary A. Pecker for coordinating the activities of the EAEE WGs and requesting their reports (see also item 5 on the agenda).
- Liaison with WG12 Coordinator (R. Bento) with regard to the organization of the regional seminars and the Young Researcher Awards.
- Liaison with C. Butenweg, with regard to setting up a new WG (Seismic risk of industrial facilities).
- Liaison with SC8 Chair and Secretary to make sure EAEE position on several EC8 issues is properly communicated. SC8 welcomed the recent report by WG1 (E. Booth) on the future of EC8.
- Liaison with ESC SG (S. Parolai) with regard to organising a joint EAE-ESC workshop (see item 8 on the agenda).
- Continuous contribution to the *Bulletin of Earthquake Engineering* (see also item 3 on the agenda) in the role of associate editor, since 1/1/2015.

Participation of Secretary General to scientific events:

The SG represented the EAEE and attended technical sessions in a number of conferences, workshops, and other scientific/technical events. Wherever he is given the opportunity, he makes brief presentations about the EAEE and its Working Group activities.

- Keynote lecturer at the *7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering COMPDYN'19*, June 2019 Crete, Greece; topic: "Seismic assessment of existing structures to the new Eurocode 8-3".
- Keynote lecturer at the *16th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures (16WCSI)*, Saint-Petersburg, Russia, 1-6 July 2019.
- Keynote Lecturer *4th Hellenic Conference on Earthquake Engineering and Engineering Seismology: "Bridge-specific fragility curves for as-built and retrofitted bridges"*, Athens, 5-7 Sep. 2019.
- Keynote Lecturer at the *8th International Conference on Seismology and Earthquake Engineering (SEE8)* 11-13Nov. 2019, Tehran, "Seismic retrofitting of bridges".

EXECUTIVE COMMITTEE

The Committee for the selection of the next Ambraseys lecturer has selected Carlos S. Oliveira among a number of strong candidates; the lecture will be presented at the next ESC Gen. Assembly (Conference) in Sep. 2020 in Corfu.

A postal ballot by the Executive Committee was held during this period to approve the launching of the new WG12.

MEMBERSHIP

For news regarding the membership, see first item in this report.

Presently EAEE has 33 National Members, 209 Individual members, 335 Subscribing members, and 6 Organizational members. The Central Office keeps sending out e-mail letters to all Member Organisations informing them about their unpaid membership dues.

Andreas Kappos
15/6/19

Annex 4

Report on the EAEE Working Group Activities Period 2018 – 2019

1. Present status

After the last Executive Committee meeting held in Thessaloniki in February 2019, 4 WGs are still active:

WG1 - Future directions for Eurocode 8

WG8 - Seismic Behaviour of Irregular and Complex Structures

WG10 - Seismic Aspects of Historical Monument Preservations

WG11 - Seismic Design, Assessment, and Retrofit of Bridges

In addition, the decision has been taken to launch WG12 on Continuing Education and Professional Development with Rita Bento as coordinator.

During the June 2018 Executive Committee meeting, recommendations have been formulated for all working groups. They have been forwarded to the WGs coordinators shortly after the meeting.

For the period July 2018 – July 2019, emails have been sent (April and May 2019) to the WGs coordinators to follow the implementation of recommendations and progress of work. Answers were received from WG1, WG8, WG10 and WG12.

The present report is organized, for each WG, as follows: the main recommendations formulated in the last ExCo are recalled, the progress of work and plans for future activities are presented based on the information received from the WG's coordinators. Finally, decisions and recommendations of the ExCo, as discussed in Rome, are summarized.

2. WG1 - Future directions for Eurocode 8

Coordinator: Edmund Booth

WG1 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; detailed code drafting is beyond its scope.

Recommendation from last ExCo: WG was on track and encouraged to continue along same lines and to produce a report on the 3rd generation of EC8.

Implementation: the recommendations were followed and a progress report has been provided for the period July 2018–June 2019.

Progress of work:

- No formal meeting was held during the period since a meeting at the XV European Conference on Earthquake Engineering in Thessaloniki, last June.
- The WG has produced a complete draft related to the 2nd generation of EC8; the document was sent to the SC8 for discussion during the SC8 meeting last October.
- The positive aspect of the report is that many proposals made by WG1 have been adopted by the project team in charge of the revision of EN 1998–1 and included in the revision of EC8.
- A paper was prepared for the 2019 SECED conference by Ed. Booth with support of 3 members, outlining ideas for the 2nd report on the third generation of Eurocodes.
- After publication of the 1st report and of the SECED paper, 11 members agreed to continue serving on WG1 under the leadership of Edmund Booth.

Proposed future activities:

- A 2nd report exclusively directed towards the 3rd generation of EC8 will be prepared. Work will be carried at a general level rather than detailed technical level.

- Proposals for the 2nd generation, not included in the revision of EC8, will be reviewed to see if they are still appropriate for being included in the 2nd report.
- The topics that will be covered in the 2nd report relate to: national seismic zonation maps, determination of seismic performance goals, the role of EC8 in assisting designers with assessment and retrofit, the role of peer review in the regulation process, and how the anticipated radical changes to the earthquake engineering profession, including the tools at its disposal, should be reflected in EC8.
- The final version of the document is planned for fall 2020 before the SC8 meeting.

The ExCo noted that for the first topic (seismic zonation maps), coordination with the SERA project is important, but that it should not pose a problem because several WG1 members are involved in SERA.

3. WG8 – Seismic Behaviour of Irregular and Complex Structures

Coordinator: Mario De Stefano

Recommendation from last ExCo: The work done by the WG was in line with the recommendations and the WG was encouraged to continue.

Progress of work:

A progress report has been sent to the Secretariat. For the period extending from July 2018 to June 2019, the salient activities are:

- Final stage of editing the 3rd book (in the Springer Geotechnical, Geological and Earthquake Engineering series) collecting 30 state-of-the art papers presented at the Workshop on Seismic Behaviour of Irregular and Complex Structures (Bucharest, October 19-20, 2017).
- A meeting at the XV European Conference on Earthquake Engineering in Thessaloniki, last June during which the scientific organization of the 9EWICS to be held in Lisbon in 2020 has been discussed. Rita Bento will be the local organizer.
- Dissemination of the Springer books published in 2013 and 2014.
- The membership list has not changed with 29 members from more than 10 countries.

Proposed future activities:

The WG intends:

- To continue disseminating the three books on Seismic Behaviour and Design of Irregular and Complex Structures published by Springer.
- To organize the 9EWICS in Lisbon on June 25–26, 2020.
- To create a research network to participate to national and international calls (EU Horizon 2020 programme)

4. WG10 – Seismic Aspects of Historical Monument Preservations

Coordinator: Elizabeth Vintzileou

Recommendation from last ExCo: Due to a mistake of the Secretary in the email address of the coordinator, no report had been received at the time of the 2018 ExCo in Thessaloniki. Therefore, no recommendation could be formulated. However, a report has been received after the ExCo meeting indicating that the WG was active and on line with its scope, recently redefined.

Progress of work:

Due to health problem in the coordinator's family, no activity took place in the WG during the last period.

Proposed future activities:

The coordinator will reactivate the WG this year with the goal of completing the draft of the report and to send it for comments to the WG members.

5. WG11 – Seismic Design, Assessment, and Retrofit of Bridges
Coordinator: Andreas Kappos, Anastasios Sextos

Recommendation from last ExCo: WG11 was considered on track and encourage to continue along same lines.

Implementation: the ExCo recommendations were followed.

Progress of work:

No progress report was received by the Secretariat for the period extending from July 2018 to June 2019. During the ExCo meeting, Andreas Kappos explained that this situation arose from the important workload of the co-coordinator Anastasios Sextos; nevertheless, the WG is still active and continues the work along the lines undertaken during the previous periods.

Proposed future activities:

- A meeting of the group will be held at the occasion of the 7th CompDyn conference in June 24–26, 2019 in Crete.
- A joint special session with ACI341 will take place at the 17WCEE in Sendai Japan (Sep. 2020)
- The existing project teams PT1 and PT3, as well as the newly formed PT4 (Integral Bridges) will continue their activities and prepare their deliverables

It is proposed by Andreas Kappos to nominate a young researcher to act as ‘Rapporteur’ to relief the burden of the coordinators. This scheme could be extended to the other WGs if the coordinators feel it is helpful.

6. WG12 – Continuing Education and Professional Development
Coordinator: Rita Bento

The WG has been launched after the last ExCo in Thessaloniki in February 2019. The main activity was to form the group which is now operational.

The members are:

- Rita Bento coordinator (Univ. Lisbon)
- Christoph Butenweg (Univ. Aachen)
- Dietlinde Köber (Univ. Bucharest)
- Gabriele Milani (Politecnico Milano)
- Ricardo Monteiro (IUSS Pavia)
- Luca Pelà (UPC BarcelonaTech)
- Jean François Semblat (ENSTA ParisTech)

The WG started working on the organization of a first regional seminar on Induced Seismicity to be held in the Netherlands (Gröningen in May 11–13, 2020). Contacts have been taken with the local organizers and ESC to establish a preliminary program. After discussion within the ExCo and with the ESC representatives (Maria Lopez and Stefano Parolai) it has been agreed that the seminar will be organized by EAEE and the program will include some lectures on engineering seismology. ESC will, on its side, organize a seminar on the same topic this fall but focusing on seismological aspects with few lectures on engineering aspects.

WG12 proposes to set up a Young Research Award, for which the coordinator is asked to prepare guidelines.

7. Conclusions and recommendations

The progress of WGs has been discussed within the ExCo and the following specific recommendations and decisions have been taken.

All the WGs are encouraged to continue their tasks. More specifically:

- WG1: is encouraged to proceed along the lines outlined in the report, including the production of the perspective for the 3rd generation of Eurocodes
- WG8: is congratulated for its activity and encouraged to continue.
- WG10: The ExCo encourages the WG to resume its activity
- WG11: the WG is encouraged to continue.

8. Additional topic

A proposal has been put on the table for launching a new WG on "Seismic Risk Assessment and Design of Industrial Facilities". This proposal is supported by Christoph Butenweg and Katrin Beyer. The ExCo is in favour of the proposal but suggests:

- To remove the term risk from the title and to add the term resilience
- To include in the WG members scientists from engineering seismology to cover the aspects related to seismic hazard
- Maria Lopez suggested to form a joint group with ESC

To proceed and before formally launching the WG, the proponents are asked to send to the ExCo a description of the anticipated work, the type of deliverables of the WG and a tentative list of members.

Alain Pecker
23/06/2019