

SIBYL

(Seismic monitoring and vulnerability framework for civil protection)

Agreement number: ECHO/SUB/2014/695550

Mid-term meeting report

Thessaloniki, Greece, 15th – 16th February, 2016

Project start date: 01.01.2015 End date: 31.12.2016

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Abstract.

The mid-term meeting for the SIBYL project was held in Thessaloniki, Greece, hosted by AUTH, from the 15th to 16th of February 2016. Representatives of all partners attended, as well as members of the Greek Civil Protection, the Decentralized Administration of Macedonia and Thrace, the Institute of Engineering Seismology and Earthquake Engineering and the Technological Educational Institute of Central Macedonia, Serres. The first day involved presenting the results of the work that had been carried out during the past year, while the second day was concerned with demonstrating some of the tools and methods developed for the project, including a visit to the instrumented administration building of AUTH.

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Introduction.

The mid-term meeting for the Seismic monitoring and vulneraBiLiTY framework for civil protection (SIBYL) project was held from the 15th to 16th February 2016 in Thessaloniki, Greece, hosted by AUTH. In addition to representatives of each partner within the consortium, members of the Greek Civil Protection, the Decentralized Administration of Macedonia and Thrace, the Institute of Engineering Seismology and Earthquake Engineering and the Technological Educational Institute of Central Macedonia, Serres, also attended (Figure 1).



Figure 1: Attendees of the SIBYL project mid-term meeting in Thessaloniki, Greece.

The first day involved presenting the results of the work that had been carried out during the past year, while the second was concerned with demonstrating some of the tools and methods developed for the project, including a visit to the instrumented administration building of AUTH (the meeting agenda is outlined in Appendix 1). The presentations and a summary of this report (as well as the report itself) are available from the project website¹.

¹ <http://www.sibyl-project.eu/>

Issues covered

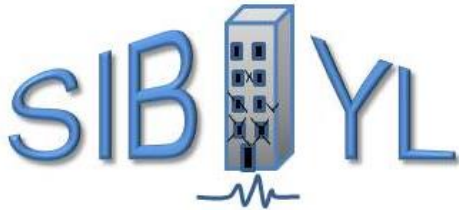
- For the onsite assessments, not only are estimates of V_s30 required, but also the fundamental frequency (f_0) in order to be consistent with forthcoming changes to the EUROCODE. This is being incorporated into the GFZ real-time software.
- Travel funds, especially with regards to the proposed L'Aquila workshop, were discussed and a revision of the original budget will be prepared and presented around the consortium and EC-ECHO. The existing funds within the project are believed to be adequate, although rearranging will be required. Furthermore, planning for the meeting in L'Aquila was carried out, given that this meeting is expected to be a major opportunity for the dissemination of the project's products and goals.
- The question was asked to the civil protection representatives as to what their status was in terms of the state of the art in the areas covered by the SIBYL project. A questionnaire will be developed covering this, starting from the one sent to civil protection prior to the meeting.
- Efforts were called for the website to include the capacity to upload data etc. to a secure area.
- The capacity for the developed online tools, including the ability to include user-defined parameters, will be incorporated into the website.

Outcomes

Overall the meeting was considered a success. It was especially useful to have members of the Greek Civil Protection present, given that such organisations are, by definition, the focus of the project. Plans for the L'Aquila meeting (the next major project event) are at an advanced stage, as are the tools developed for use by civil protection authorities.

Appendices

Appendix 1 Meeting agenda



AGENDA FOR THE 1ST ANNUAL SIBYL MEETING

Aristotle University of Thessaloniki

Thessaloniki, Greece, 15th – 16th February, 2016

Monday 15th February

Project SIBYL reporting and presentation of results

- 10:00 Registration
- 10:30 Welcome (Prof. Kyriazis Pitilakis, AUTH)
- 10:40 General overview of the state of the project (Prof. Stefano Parolai, GFZ, Coordinator)
- 11:15 Component B “Rapid data collection and integration” (Dr. Massimiliano Pittore)
- 12:00 Component C “Rapid and low-cost in-situ building vulnerability assessment”
- Thessaloniki field work (TUBerlin)
 - Presentation of the preliminary results for the Thessaloniki applications (AUTH)
 - Cologne field work (TUBerlin, GFZ)
- 13:30 *Lunch*
- 14:30 Component D “Real-time monitoring during a seismic sequence” (AMRA)
- 15:15 Preliminary presentation of tools
- Real-time site assessment and building monitoring tool (GFZ)
 - Remote sensing and RRVS tools (GFZ)
- 16:00 *Coffee break*
- 16:15 Components E “Training and capacity building” and F “Task publicity”
(including planning for the L’Aquila workshop)
- 17:00 Final discussions
- 17:30 Close

Tuesday 16th February

Demonstration of tools to CP representatives

- 9:30-10:00 Presentation of the EEW system in Thessaloniki (AUTH)
- Presentation of the SOSEWIN installation in Thessaloniki applications (AUTH)
- 10:00 Introduction to aims of the demonstrations
- 10:30 Visit to the Administration building of AUTH

Appendix 2 List of participants

Name	Institution
Kyriazis Pitolakis	AUTH
Sotiris Argyroudis	AUTH
Sotiria Karapetrou	AUTH
Stavroula Fotopoulou	AUTH
Stefano Parolai	GFZ
Tobias Boxberger	GFZ
Massimiliano Pittore	GFZ
Eugenio Chioccarelli	AMRA
Christos Mamarikas	DAM-TH ²
Jordan Mantzardis	Greek Civil Protection
Peios Naoumakis	Greek Civil Protection
Maria Manakou	AUTH
Sergey Tyagunov	TU Berlin
Antonios Stamatellos	Greek Civil Protection
Zafeiria Roumelioti	AUTH
Manos Rovithis	IESEE ³
Emmanuil Kirtas	TEI SERRES ⁴
Evangellia Yfantidou	AUTH
Ioannis Thomaidis	AUTH

² DAM-TH - Decentralized Administration of Macedonia and Thrace

³ Institute of Engineering Seismology and Earthquake Engineering

⁴ Technological Educational Institute of Central Macedonia, Serres.

