



2nd year SAFER Project meeting Armada Hotel, Istanbul, Turkey 25-27 June, 2008

Wednesday, 25th June

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|--------------------------|---|--|
| 9:00 | Registration | |
| 9:20 | Welcome | (Prof. M. Erdik) |
| 9:30 | Overview and philosophy of the SAFER Project | (Prof. J. Zschau) |
| 10:15-10:30 Coffee break | | |
| 10:30 | Earthquake Emergency Technical Management by National Italian Civil Protection | (Prof. M. Dolce) |
| 11:30 | State of EEW at selected SAFER test sites | |
| | Istanbul | (Prof. M. Erdik) |
| | Naples | (Prof. A. Zollo) |
| | Bucharest | (Prof. G. Marmureanu) |
| | Athens | (Dr.D. Diagourtas) |
| 12:40-14:00 Lunch | | |
| 14:00 | Early warning system development and testing | (Prof. A. Zollo and Prof. G. Manfredi) |
| | <ul style="list-style-type: none"> ● Hsiao, N. (National Taiwan University) <i>Development of Earthquake Early Warning System in Taiwan.</i> ● Wenzel, F. (Karlsruhe University) <i>Optimizing early warning station geometry – initial results for the Istanbul Early Warning System.</i> ● Satriano, C. (AMRA) <i>Earthquake Early Warning developments in Naples and Campania Region (southern Italy).</i> ● Iervolino, I., Galasso, C., and Manfredi, G. (AMRA) <i>Information-dependent lead time maps for earthquake early warning in the Campania region.</i> ● Caprio, M. (ETH) <i>Towards a quantitative performance evaluation of VS and Elarms.</i> ● Delouis, B. (CNRS) <i>Fast determination of source parameters from near source and teleseismic data.</i> | |
| 15:30 | Rapid assessment of ground shaking and damage | (Dr. K. Fleming) |
| | <ul style="list-style-type: none"> ● Fleming, K. (GFZ) <i>The Self-Organising Seismic Early Warning Information Network.</i> ● Soerensen, M. (GFZ) <i>Regional attenuation relations.</i> ● Kaynia, A.M. (NGI) <i>Early warning of landslides and damage to buildings.</i> ● Faenza, L. (INGV) <i>The status of ShakeMap at INGV.</i> ● Allen, R. (UBerkley) <i>Alert maps and Elarms applied to the San Francisco Bay Area</i> ● Wyss, M. (WAPMERR) <i>Status of QUAKELOSS2</i> | |
| 17:00 | Hazard of aftershock | (Dr. J. Woessner) |
| | <ul style="list-style-type: none"> ● Woessner, J. (ETHZ) <i>Progress and Vision of Short-Term Earthquake forecasting - WP5 summary.</i> ● Enescu, B. (GFZ) <i>A central automated aftershock location toolbox and its benefits for aftershock hazard assessment.</i> ● Lombardi, A.M. (INGV) <i>The Colfiorito testing experiment: Outline, first results and its integration in regional forecasting efforts.</i> | |

- Papadopoulus, G. and Orfanogiannaki, K. (NOA) *Progress on the automated system for real-time aftershock assessment and model developments using pattern recognition methods.*
- Vogfjord, K. (IMO) *Analysis of the recent M 6.3 event in Southwest Iceland.*

18:30 Close

Thursday, 26th June

9:00 NERIES Overview (Prof. D. Giardini)

9.30 Future participation in EC Calls (Prof. J. Zschau)

10.15 Discussion groups (coffee taken during the discussion)
 SAFER Test sites: Procedures and tests for performance evaluation
 on implemented EW systems (Prof. A. Zollo)
 Alert and shake maps and rapid loss assessment (Dr. K. Fleming)
 Implementation possibilities for aftershock prediction (Dr. J. Woessner)

13:00-14:00 Lunch

14:00 Consortium Committee Meeting
 Extension of the project
 Project "reshuffling"
 Other issues

15:00 Final Report and general overview of the points raised at the discussion groups

16:00 Leave for Kandilli Observatory

17:00 Tour of Kandilli Observation, followed by reception

20:00 Return to hotel

Friday, 27th June

9:00 Executive Committee and Advisory Board Meeting

11:30 Steering Committee

Posters

Convertito V., De Matteis R., Cantore L., Zollo A., Iannaccone G. and Caccavale, M.
Rapid estimation of ground shaking for emergency management in Campania Region (Southern Italy)

Köhler, N. (UNIKARL)
Performance study of Virtual Seismologist and PreSEIS approach for Early Warning for Southern Californian data.

Kuehnlenz, F. (UBER)
Self-Organizing Seismic Early Warning Information Network (SOSEWIN): Model-based Prototyping

Lancieri, M. and Zollo, A. (AMRA)
A probabilistic evolutionary approach for the real-time magnitude estimation from the early P and S wave displacement peaks.

Manet-Rout, G. (EMSC)
EMSC services : From earthquake occurrence to bulletin publication

The RISSC-Lab (AMRA)
The Irpinia Seismic Network (Is Net): a modern facility for earthquake early warning.

Wu, Y-M. and Siena, C-T. (NTU)
Filter application in c and p determination for earthquake early warning.

Orfanogiannaki, K., Papadopoulos, G.A. and Karlis, D. (NOA)
Hidden Markov Models of Seismicity With Covariate Dependent Transition Probabilities

k.Vogfjord, E. Kjartansson (IMOR)
Seismic and Tsunami Early Warning in Iceland