

TaskC meeting

Bratislava (Slovakia), 20-21 March 2002

I Partners attending the meeting

Place of the meeting: Geophysical Institute, Slovak Academy of Sciences, Bratislava

Pierre-Yves Bard	LGIT Grenoble;	<i>WP08</i>
Peter Moczo, Jozef Kristek, Miriam Kristekova	GPI SAS Bratislava;	<i>WP09</i>
Antonio Rovelli	INGV Rome	<i>WP02</i>

II Scientific matters

II.1 Revision of canonical models

The first version of the set of canonical models, suggested during the working meeting in Zurich, was slightly modified and extended. Two single-layer models based on measurements in Grenoble and Liege were supplemented. 2D and 3D versions of the models of sediment valleys were specified. The detailed description of the whole set, in the WORD document, was carefully checked. It was decided not to specify simulation parameters until sufficient numerical experience is gained. In the end of the 2nd year basic control simulation parameters will be supplemented in the document

II.2 Revision of the algorithm for seismic noise generation

The original algorithm for random generation of sources of synthetic seismic noise was discussed in detail and slightly revised. Amplitude distribution, minimum source_to_source and maximum source_to_receiver distances were specified. The sources of the synthetic seismic noise will be randomly generated by a special code which will be ran before the finite-difference simulation of noise in a model itself.

II.3 Discussion of noise simulation for the Colfiorito and Grenoble valleys

Several questions regarding preparation of computational models for the Colfiorito and Grenoble valleys were discussed.

II.4 Planning the SESAME workshop

The SESAME project workshop was discussed. The title of the workshop will be SESAME Project Workshop: Measuring, Modeling and Interpreting Seismic Noise for Site Effect Assessment. The workshop will be held in the Smolenice Castle, approximately 70 km from Bratislava, Slovakia. The Smolenice Castle is a property of the Slovak Academy of Sciences and serves as a conference center. Its maximum capacity is 80 participants. The workshop will be held on September 22-24, 2003. Participants may arrive on September 21. Possible participants (not included in the SESAME project) were preliminary discussed.

II.5 Discussion of publishing the project results

Bratislava team suggested a possibility to publish results of the project in a special monograph (independently of publishing results in journals). Bratislava team presented an example of a special monograph prepared on the occasion of 100 year anniversary of seismology in Slovakia. Printing a monograph in Bratislava would require very reasonable (i.e. acceptable) funding.