

BSHAP Project Co-Directors Meeting

29/10/2010, Tirana Albania

Earthquake Catalogs

- Magnitudes in Catalog E will be homogenized by the empirical magnitude scaling relationship suggested by Albania. The proposed relationship estimates M_w from different magnitude scales that are calibrated for each country (except for ByH). For historical events the proposed procedure use Scardilis relationship. The participating countries will provide the E-catalog indicating the magnitude type together with the origin. This information will be used by Albania to come up with a uniform magnitude catalog for the project region.

Earthquake Catalog (ByH case)

- The earthquake catalog prepared by Mr. Brlek will be brought to its final form through collaboration with Croatia. This process is composed of the identification of duplicated events in the Croatia and ByH catalogs

Seismic Zones / Completeness

- For merging the seismic zones along the borders and for running completeness analysis, project groups of neighbouring countries will come together to shape the seismic zones along the borders. This incorporative study will result in agreed completeness of catalogs for the seismic regions along the border.

Declustering

- Montenegro will check the already done declustering after the final M-harmonized earthquake catalog. [Prof. Herak will send the original E – Catalog (not declustered)]
- Determination of common seismic zones as well as uniform M catalog will result in consistent b values as well as Mmin and Mmax values for these regions.

Unified Coordinate System for GIS applications

- Information should be provided in WGS84 and EGM96

Application of GMPEs

- Predictive models tried by individual institutes:
AB10, AB07, SP96, Aetal05, BA08, AD03, BTetal03, ...
- GMPEs should be chosen from the candidates that appropriately describe the seismotectonics of entire project region: shallow seismicity?, style-of-faulting?
Etc
- SHARE project has 10 candidate GMPEs for hazard analysis. Akkar will send the evaluation report to the group.
- Suggestion: Use appropriate GMPEs from SHARE but wait for the January /SHARE meeting for the final decision.

Delivery of harmonized eq. catalog/seismic zonation information

- Deadline is 01/12/2010. Each group will work on these specific topics by arranging meetings during November 2010.
- All correspondence in GIS applications should be done in MapInfo tab format.

Workshop

- Needs to be addressed to NATO (application for an ARW type activity)
- May be other funding sources