Project funded by the EUROPEAN UNION

Common Borders. Common Solutions.

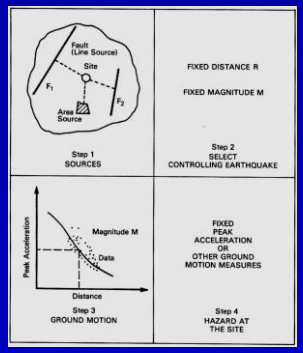
A Scientific Network
for Earthquake, Landslide & Flood Hazard Prevention

SciNetNatHazPrev–PROJECT WORKSHOP

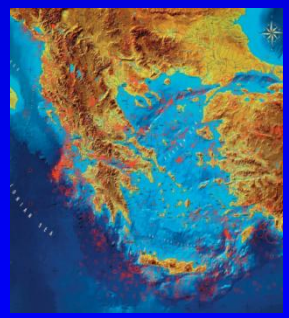
May 7- 9, 2015, THESSALONIKI GREECE

VENUE: INSTITUTE OF ENGINEERING SEISMOLOGY EARTHQUAKE ENGINEERING
Mediterranean Hotel, Thessaloniki GREECE

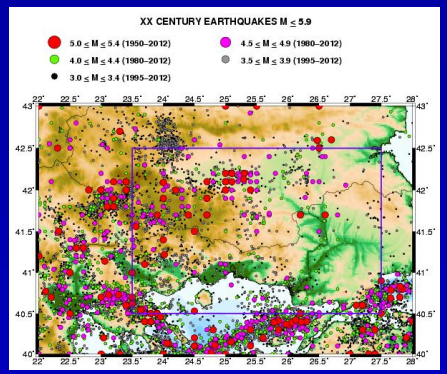
Activity 1.9: Evaluation of existing seismic hazard assessment models in terms of scientific soundness, data demands and result credibility. Widely accepted seismic hazard assessment models are evaluated in the proposed areas of the project in order to define the most appropriate results, theoretical analyses are confronted to empirical data collected per country, as a consequence of seismic events.

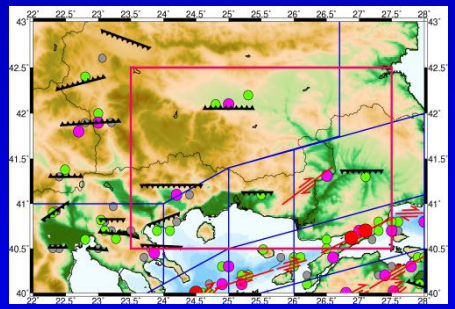


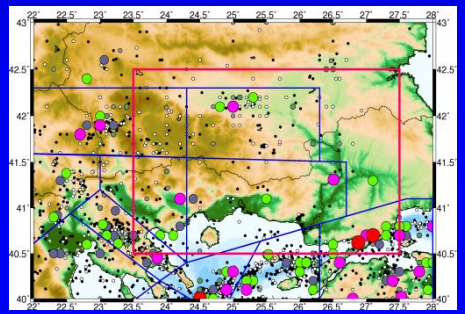
Activity 1.13: Development/modification/adaptation of existing seismic models that will be used to assess seismic hazard, based on local conditions and needs of the proposal. Seismic hazard are examined at a regional scale on the areas proposed for implementation. Strong motion parameters, necessary for assessment of seismically induced landslides are calculated.



Activity 1.9:







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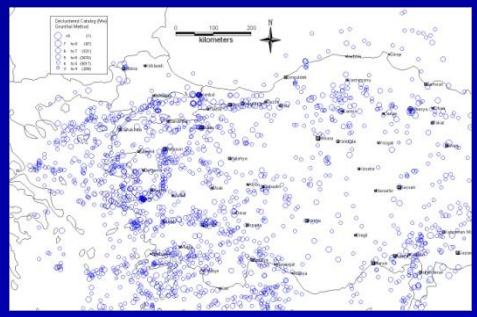
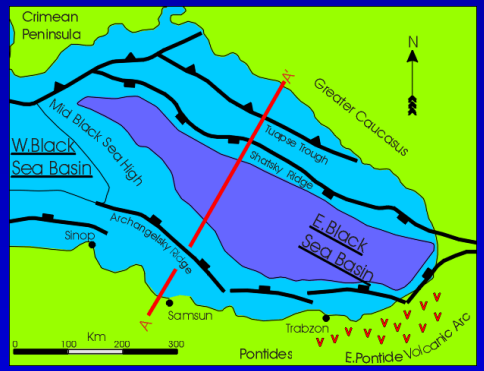
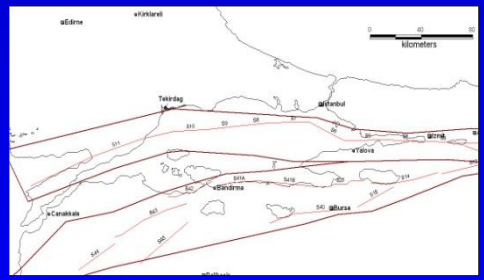
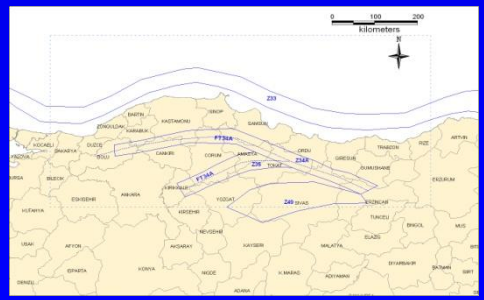
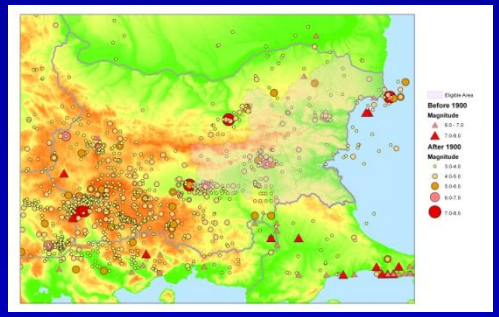


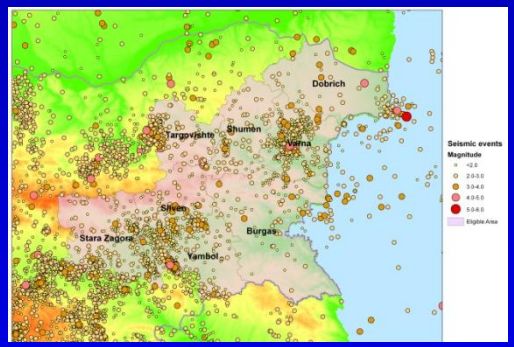


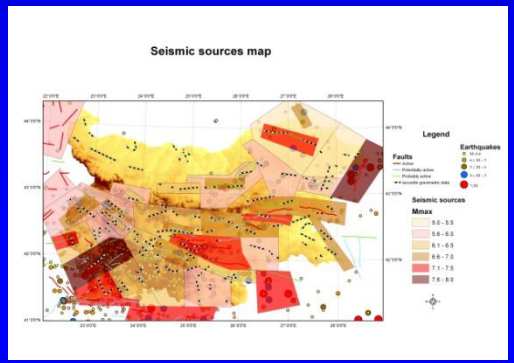




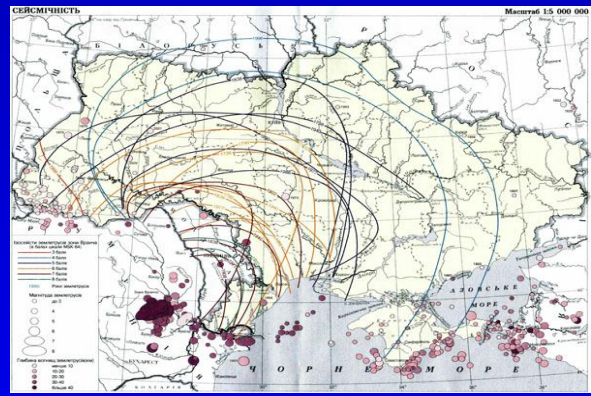
Turkey







Bulgaria



Ukraine

Activity 1.13

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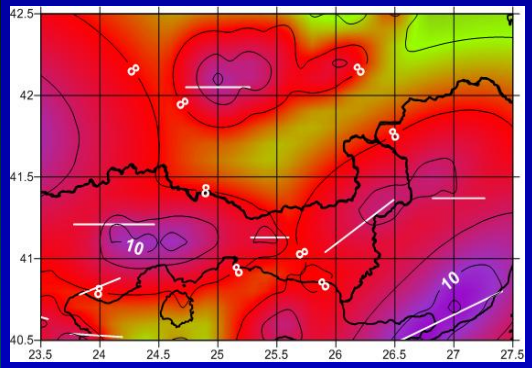

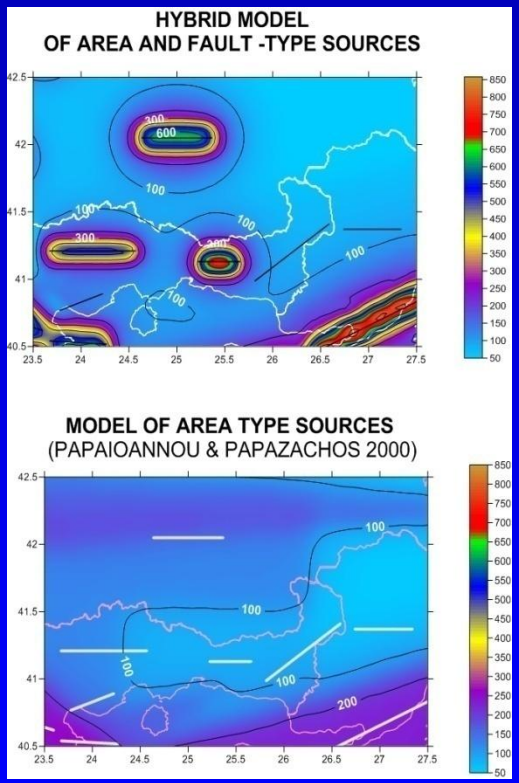

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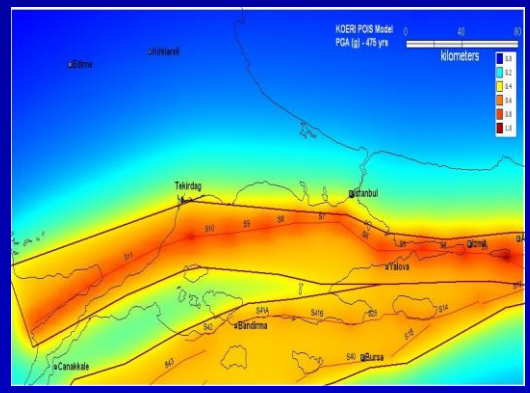

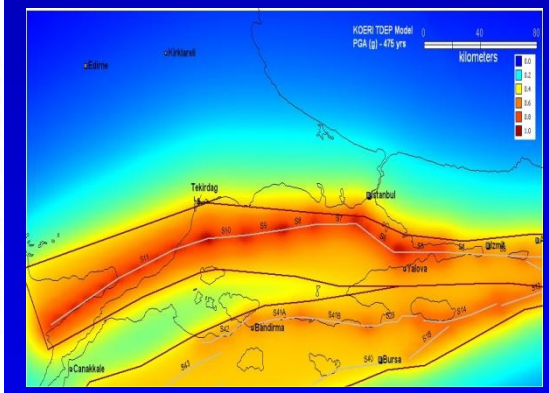

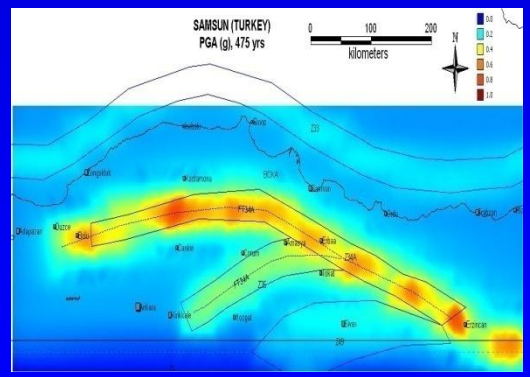

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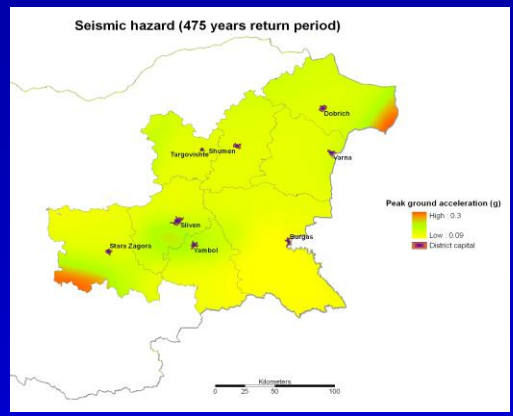
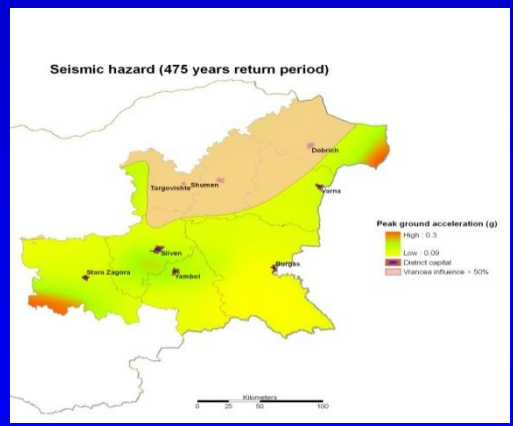
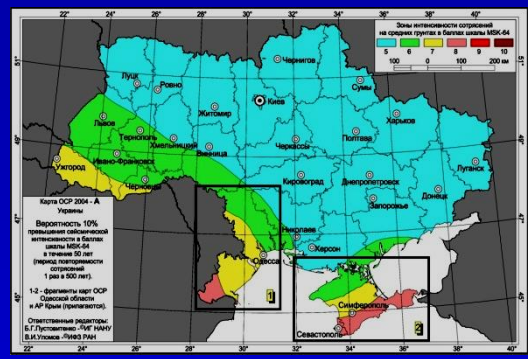
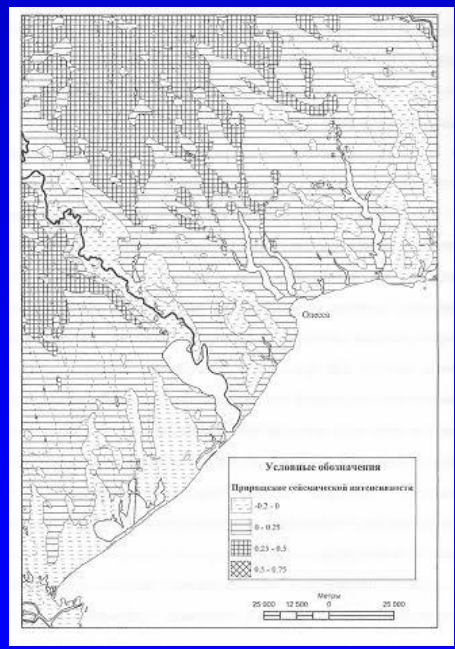




Bulgaria





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Activity 3.3: Seismic hazard assessment at regional scale, based on selected methodology (model) from GA1. Implementation Area : Serres , Komotini , broader area of Samsun and Istanbul .

Partner P2 will coordinate this activity. Partners LP, IPA beneficiary, P3, P4 and P6 will provide historical and/or field data; IPA beneficiary, LP and P1 will participate in pilot implementation, whilst partners P3, P5 and P6 will check models' reliability and accuracy.

Activity 3.6: Seismic hazard assessment on local scale in order to estimate seismic design criteria. Implementation Areas: the wider area of Serres (Central Macedonia), Komotini (Eastern Macedonia and Thrace).

Partner P2 will coordinate this activity and will assess seismic hazard. Partners LP, IPA beneficiary and P1 will contribute.

Expected Outputs: *Deliverable that will incorporate results from seismic hazard assessment coming from regional implementation of adopted methodologies. Models' efficiency and reliability will be demonstrated through historical data collected or/and field work.*

Expected Results: *A decision supporting tool development, based on methodologies appropriately adapted or modified, to assess seismic hazard. Preventive measures based on critical parameters local assessment could largely mitigate their impact on environment, society and economy.*

Issues should be discussed

1. **Homogeneity of the seismic hazard assessment in the cross-border Implementation areas.**
2. **Documentation of the whole digital data from the various partners**
3. **Data uploaded at the Website tool (under preparation).**