WORKSHOP IN SEISMOTECTONICS AND SEISMIC HAZARD INPUT MODELS A road-map for geology based seismic hazard models: Univerza v Ljubljani **Current practices, advantages, limitations,** and what still lies ahead Javni štipendijski, razvojni

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Active fault and geodynamic data are progressively gaining weight as input data for seismic hazard analyses (SHA) and a valid alternative to the more classical seismological approaches widely in practice throughout the past de vailability of differer due to a better knowledge of active faults and regional geogynamic conditions, as well as to the be geophysical and geodetic data. A lot of the credit goes also to several national and international project HAP. UCERF3, MPS) aimed at bringing the seismic hazard community together with sharing good practices and discussing on open issues allowing the new methodologies to find their application through ongoing research activities. With the hition of the importance on including physical based data to SHA, comes also the responsibility and the need to provide realistic models of seismogenic faults, GPS dataset and the needed methodology to pass all the requirements of the SHA input model. When such conditions are guaranteed, the ending results are hazard models which bring the hazard from more generic areas and regions around the location of past earthquakes along faults, thus should more realistically depict zones with higher expected hazard levels instead of distributing it all across a region. Another obvious consequence is also the higher hazard levels for seismogenic faults that during the seismic catalogue observation period have not hosted an earthquake.

Il this in mind, the Workshop will take us from treating enic faults to addressing the off-fault (eformation, con lering th arameter uncertainties and test sensitivity of each pa on each of the themes is welcome and nd PhD students ura to debate over during the workshop.

"raw" geologic field data pass the models of active fault models of e GPS data for realistic geodynamic models up to touching the g seismic hazard model. An open discussion opare their own examples, questions and ideas





invalidski in preživninski sklad Republike Slovenije

WHEN Saturday Oct 21 from 9 AM to 5 PM

WHERE: University of Ljubljana, Faculty of Natural Sciences and Eng neering, Dept. of Geology Privoz 11, Liubliana

ly intende d PhD-level students in Geoscience, but advanced undergratuates and students from related fields (Geodesy, Civil Engineering,... may also be

HOW TO PARTICIPATE: Please send your application to: hazard@geo.ntf.uni-lj.si **Registration is required to** participate in the workshop. Participation for students free of cost.