



## **Developments on the IS-EPOS Platform for Analysing Anthropogenic Hazard**

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The IS-EPOS platform is a web based tool for hazard estimation as a major component of the thematic core service of Anthropogenic Hazard (TCS-AH) in the European Plate Observing System (EPOS) program. Owing to the platform structure which is divided in data archive, software applications and individual workspaces for each user, the platform presents a very flexible environment for data analysis and further needs of the users. The unique data sets are called EPISODES as they are a combination of recorded and industry data, providing information on the triggering process and the respective data representing the environments reaction on it.

In general, the platform is aiming at various user-groups: - users from industry, - decision makers, - the interested public, and last but not least – experienced researchers. Focusing on this latter group, we implemented several new options on the platform which we will present in this talk: 1) interactive work on applications which gives the user the possibility to make changes in the applications or add own applications to the platform. 2) Besides transferring data to the own workspace for analysis, data can also be downloaded to own devices. In addition, own data can be uploaded to the workspace for analysis. 3) Users can define own projects on their workspaces and share their work with other project participants.

In our presentation we will demonstrate the platforms' flexibility and show examples for research studies and data analysis.