IS-EPOS Platform Training Workshop at Keele University, U.K.

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The Induced Seismicity-European Plate Observing System (IS-EPOS) platform provides a digital research space (see - https://tcs.ah-epos.eu/) combining facilities (applications), data (episodes) and documentation for research on induced seismicity and anthropogenic hazards related to the exploration and exploitation of geo-resources. The platform supports the provision of the Thematic Core Service (TCS) for Anthropogenic hazards which is one of ten thematic services being implemented under the Horizon2020 EPOS-IP project aiming to provide a pan-European multidisciplinary research platform for solid earth science - https://www.epos-ip.org/tcs/anthropogenic-hazards.

On the 10th January 2019, 17 stakeholders from industry, academia and an NGO met at Keele University's School of Geography, Geology and the Environment to participate in an IS-EPOS Platform Training Workshop designed to get users acquainted with the platform. Organised by Glenda Jones from Keele and delivered by Grzegorz Lizurek from the Institute of Geophysics, Polish Academy of Sciences (IG PAS) the event was a success in teaching and engaging students, researchers and industry consultants on the data and facilities available for performing anthropogenic seismicity research on the platform. Both basic applications and exercises were covered (e.g. data upload, catalog export from Matlab format to Excel, filtering with date and magnitude, signal and waveform download, seismogram picking) as well as more advanced platform applications (e.g. time-dependent seismic hazard analysis and focal mechanism calculation of anthropogenic events). Feedback gathered from the workshop attendees will be used to gain an insight into user requirements and suggestions for platform improvement and development.

The IS-EPOS Platform training workshop was held to fulfill the TCS-AH (WP14) training plan and is part of the European Plate Observing System (EPOS-IP Project) and has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 676564, see https://www.epos-ip.org/tcs/anthropogenic-hazards.

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