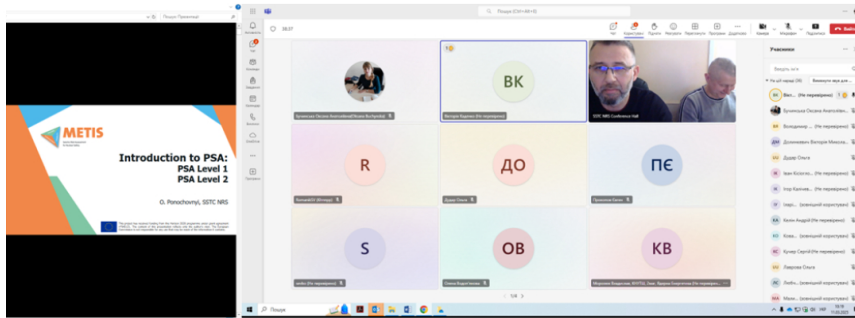


METIS ONLINE TRAINING SCHOOL: KEY TAKEAWAYS



Project News | 2 April 2025

The Online Training School, organised by State Scientific and Technical Center for Nuclear and Radiation Safety (SSTC NRS) and Rheinland-Pfälzische Technische Universität (RPTU) (METIS consortium partners), took place between 11-13 March.


The first day was dedicated to Ukrainian attendees and SSTC NRS hosted 47 participants and focused on introduction to Probabilistic Safety Assessments (PSA), including Fire and Flooding PSA fundamentals, and PSA application for VVER reactors.


The second two days were open to external participants, with 60 attending both days. These days were focused on the application of new approaches to Seismic PSA, including Probabilistic Seismic Hazard Analysis (PSHA), seismic fragility analysis, aftershocks consideration in Seismic PSA, METIS case study, open-source tools applications (OpenQuake and METIS tools) and benchmark of tools results using commercial software.


The training school, part of the broader education and training activities of the METIS project, focused on taking a deep dive into seismic risk assessments and providing opportunities for in-depth discussions on the topic.


The event attracted a diverse audience interested in enhancing their expertise in this field, demonstrating great collaboration and knowledge sharing.


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Seismic risk assessment is essential for ensuring the resilience of critical infrastructure. At our METIS workshop, experts from leading institutions are coming together to discuss cutting-edge methodologies in Seismic Probabilistic Safety Assessment (SPSA). By advancing our understanding of seismic hazards, vulnerability, and risk, we move one step closer to a safer future! – Shadi Fathabadi, Rheinland-Pfälzische Technische Universität (RPTU)

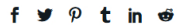


The safety assessment staff from an Ukrainian NPP staff have expressed their big interest and impression

regarding different aspects of seismic PSA methodology presented at the Online Training School. Particularly, it was mentioned that the new knowledge gained from the school will be used during planning of forthcoming seismic PSA project for that NPP. – Oleksandr Sevbo, Energorisk



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