

GWREMED 2019

Training Course on Remediation and Treatment of Ground and Mine Water Affected by Uranium Mining

August 19 – 30, 2019

**DIAMO, s. p. - International Training Centre/WNU School of Uranium Production
in Stráž pod Ralskem, the Czech Republic**

The revolutionary two-week training course addressing groundwater remediation after uranium mining operation and mine water treatment consisting of 18 expert lectures and 7 field trips and technical visits.

The course focuses on the following topics:

- Environmental remediation concepts and case study;
- Uranium geology, mineralogy and geochemistry;
- Hydrogeology and hydrogeological modelling;
- Numerical modelling of transport and databases;
- Ground and mine water geochemistry and modelling;
- Optimal strategies of remediation and principles of remedial technologies;
- Geophysical methods, ground water sampling;
- Conceptual models and risk assessment;
- Remediation parameters selection and evaluation.

The lectures give the top experts from the Czech leading organizations like DIAMO, s. e., OPV, s. r. o., Faculty of Sciences of the Charles University of Prague, VSB - Technical University of Ostrava, Masaryk University of Brno and other independent experts.

The important part of the training course are field trips and technical visits to DIAMO, s. e. facilities such as:

- ISL wellfields; Surface ground water remediation processes;
- Alkaline milling and chemical treatment plant;
- Underground laboratory for spent fuel repository in former underground uranium mine;
- Drilling equipment demonstration; Logging demonstration and calibration facility;
- Mine water treatment plants; Mine and tailings pond water treatment plant.

How to sign up?

Please contact Dr. Jiří Mužák, director of WNU SUP, muzak@diamo.cz



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