

Personal profile

Ada Vengust



Company

Geoinženiring d.o.o.

Ada Vengust is working for Geoinženiring from 2021, her current focus is on geomechanics for technical purposes.

Ada successfully completed her Master's degree at the Department of Geology, Faculty of Natural Sciences and Engineering, University of Ljubljana, Slovenia in 2019.

Ada has gained valuable practical experiences while working and studying abroad. She was an Erasmus exchange student and an intern at the University of Graz in 2019. As a part of the internship Ada collaborated with two hydrogeology professors at two different Universities: University of Ljubljana and University of Graz. Within the internship she finished her Master's thesis on hydrogeological numerical modelling of the karst spring, under mentorship of prof. Mihael Brenčič (University of Ljubljana) and prof. Steffen Birk (University of Graz).

She was employed at the Department of Hydrogeology, Geological Survey of Slovenia for two years (2018–2020), where Ada was a part of the project entitled "DARLINGe" – Danube Region Leading Geothermal Energy, which was successfully concluded in October 2019. The aim of the project research was the sustainable use of deep geothermal energy in the Pannonian Basin and promotion of reinjection for sustainable use of the deep geothermal aquifer. Within this project, she learned about the deep geothermal systems in NE Slovenia, assessment of a quality and quantity of a deep geothermal aquifer, sustainable use of geothermal energy and about the reinjection system technology. Second major project she was a participant, was Hover, GeoEra within she finished a hydrodynamic numerical model in NE Slovenia. The model is useful as a basis for further analysis e.g. nitrate transportation from the surface layers, which she successfully simulated.

Ada would like to combine the two fields of geomechanics and hydrogeology and make them useful for CO₂ and hydrogen geological storage. As a member of ENeRG her focus as a beginner is to learn about the methodology and possible ways CO₂ and hydrogen storage in geological layers and its purpose and methods for further use – e.g. providing renewable sources of energy. Her goal is to become a valuable ENeRG member and to participate in the forthcoming projects and activities organised by the network.

Contact details

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