

CALL FOR EXPRESSIONS OF INTEREST FROM THE ENVIRONMENTAL HYDROGEOLOGY RESEARCH GROUP OF UNIVERSITY OF MILANO-BICOCCA: **POSSIBLE POSTDOC POSITION ON REACTIVE TRANSPORT MODELLING OF HYDROCARBON PLUMES (36 months)**

The research group of Environmental Hydrogeology of the University of Milano-Bicocca, led by Prof. T Bonomi, in view of the possible opening of one postdoc position, seeks expressions of interest from possible candidates with expertise on hydrogeology and hydrogeochemistry, in particular on reactive transport modelling.

Applicants should be highly motivated and hold a Ph.D. in Geology, Environmental Sciences, Data Science, Applied Mathematics, Computer Science, or other related technical disciplines or closely related disciplines.

The ideal candidate should have a solid background in hydrogeology and hydrogeochemistry with specific expertise on:

- numerical flow and transport modelling,
- hydrogeochemical modelling,
- biodegradation processes.

A broad interest in hydrogeology and hydrogeochemistry and the willingness and capacity to interact in a multidisciplinary team, are essential. You should be willing to work on an interdisciplinary project and expand your knowledge of modelling techniques. You are an enthusiastic team player and have good communicational skills.

The position is funded in the framework of a joint research agreement between the University of Milano-Bicocca and ENI SpA. The research activity will involve active collaboration with the research group of Microbiology of University of Milano-Bicocca and ENI's Research & Development division. The research will be performed at University of Milano-Bicocca, Milan, Italy, also including some traineeship periods abroad.

The possible post-doc position will have a duration of 36 months, with a gross salary of €27,000 per year. The research activity is expected to start in Fall 2022.

Knowledge of the Italian language is not required, but the ability to communicate in English is mandatory.

Interested individuals should send their expressions of interest to Dr. Marco Rotiroti (marco.rotiroti@unimib.it), including a cover letter motivating their interest in the call (1 page maximum), a CV (2 pages maximum) and a complete list of publications, and past and ongoing research projects.

All correspondence and expressions of interest will be kept strictly confidential according to the GDPR, and inquiries received by March 4th, 2022 will be given the highest priority.

Disclaimer: this is not yet a job vacancy advertisement. The opening of the position and the type of position will be determined on the basis of the expressions of interest.