



Job vacancy – Scholarship for postgraduate students having a M.Sc. degree

Location: Department of Civil, Architectural and Environmental Engineering, University of Napoli Federico II (UNINA), Napoli, Italy.

Position: Postgraduate researcher

Number of positions: 1

Call open: 10-02-2020

Call close: 29-02-2020

Description: The position requested is within the CEOMED project. In particular, the candidate will take care of the start-up and operation of two bench-scale continuous-flow bioreactors aimed at the anaerobic digestion of the organic fraction of municipal solid waste. Moreover, a series of batch biochemical methane potential tests will be run with the aim to obtain all the kinetic parameters useful for a future mathematical modelling of the process.

Requirements: The candidate must have a M.Sc. degree in Environmental Engineering or equivalent and a previous experience of at least 4-6 months in a laboratory. Preferably, his/her M.Sc. thesis must have been focused on subjects similar to those of this job offer. The candidate must know how to operate and maintain continuous-flow bioreactors, characterize organic wastes, determine the main outputs (e.g. biogas constituents and intermediate products) of the anaerobic digestion process.

Annual gross salary: 12.000 €

Contract time: 10 months

Next steps to apply: The call will remain open from approximately February 10th for about 20 days. The candidates will see the link to the call on the UNINA portal http://cerca.unina.it/search?q=CUP%20E68D19001720006&client=unina2014&output=xml_no_dtd&proxystylesheet=unina2014&site=Unina2014&filter=0&getfields=*. When the call closes, the candidates will be immediately contacted and in a period of 3-4 days they will be invited for an interview in front of a committee of three members of the Sanitary and Environmental Engineering group of UNINA. The final ranking will be afterwards posted on the UNINA portal and the selected person will sign the contract around March 10th 2020.

The selected candidates will be contacted on **04th March 2020**

Signature: (From the responsible)

Stefano Papino