



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 reseacher*

Number of positions: 1

Call open: 10-12-2020

Call close: 31-12-2020

Description: *The position requested is within the CEOMED project. In particular, the candidate will take care of the start-up ad 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 12 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: 4.800 €

Contract time: 4 months

Next steps to apply: The call will remain open from December 10th till December 31st. The candidates will see the link to the call on the UNINA portal http://www.unina.it/documents/11958/24260699/ICEA_Bando_BR_18_2020_31.12.2020.pdf. When the calls closes, the candidates will be immediately contacted, and in a period of 3-4 days they will be invited for an interview on January 7th at 10 am (CET). The committee Will be made up of two members of the Sanitary and Environmental Engineering group of UNINA and one member of the administrative staff. The final ranking will be afterwards posted on the UNINA portal and the selected person will sign the contract around January 11th 2020.

Signature: (From the responsible)

Prof. Stefano Papirio