
Job Title	Research Associate
PVN ID	CC-2111-004413
Category	Research
Location	The CITY COLLEGE of NEW YORK
Department	Civil Engineering
Status	Full Time
Salary	Depends on qualifications
Hour(s) a Week	35
Closing Date	Jan 29, 2022 (Or Until Filled)

General Description

Research Associate to provide technical support for ongoing projects and should be able to initiate research and development of innovative technologies in order to treat municipal wastewaters, and handle /stabilize the combined residual sludge being produced. Specifically, the treatment processes of interest are in the areas of: Biological Nitrogen Removal (BNR) as applied to the main plant flow and to separate centrate treatment, nutrient recovery, struvite control and/or prevention, anaerobic sludge treatment and energy recovery, optimization of sludge dewatering etc.

Other Duties

The candidate should have earned a Masters in environmental engineering, and must be knowledgeable on wastewater treatment processes. He/She should be able to function within an academic environment where interaction and participation of both graduate and undergraduate students has to be incorporated in all of the research projects.

Qualifications

A Masters in Environmental Engineering

Must be proficient in Computational Fluid Dynamics modeling

Must be familiar with process modeling softwares and process control issues.

Analyzing and reducing data and presentation of data

Report writing.