

POST-DOC POSITION

Current status: open

Contracting organization: Environmental Engineering Group (GIA). R&D Group of the University of Cantabria (UC). Spain.

Position: Post-doctoral research contract

Project: "Conception of the Sewage Treatment Plant of the XXI Century, Development, Implementation and Evaluation of Technologies for the Treatment and Resources Recovery from Wastewaters (NOVEDAR)".

MEC (Spanish Ministry of Science). CONSOLIDER INGENIO Program, CSD00C-07-22204.

Period: 2 years

Salary: around 1700 €/month in 14 payments.

Requirements: Candidates must hold a degree in environmental engineering, or chemical, industrial and civil engineering, environmental science or similar, as well as a strong research commitment.

Applicants have to send their CV to the contact person until January, 31th 2009.

Activity: Biofilm and membrane biological reactors. Development of hybrid reactors with biofilms and membranes. Organic matter, nutrients and micropollutants removal. Optimisation based on modelling.

Supervisors: Iñaki Tejero (UC) and Luis Larrea (CEIT)

Short description of the work: Development of biofilm reactors; membrane bioreactors; membrane supported and oxygenated biofilms; organic matter, nutrients and micropollutants removal; simulation models ; hydrodynamic models; anoxic and anaerobic bioreactors, hybrid bioreactors; instrumentation and control.

Contact person: Iñaki Tejero (tejeroi@unican.es)

PRE-DOC POSITION

Current status: open.

Contracting organization: Environmental Engineering Group (GIA). R&D Group of the University of Cantabria (UC). Spain.

Position: Pre-doctoral research contract. The contracted person has the opportunity of making a PhD.

Project: PROCESOS HIBRIDOS PARA LA AMPLIACION DE EDAR EXISTENTES PARA LA ELIMINACION DE NUTRIENTES. MEC. Programa Nacional. CTM2008-06877-C02-01/TECNO (Hybrid processes for existing WWTP enlargement for nutrient removal. Spanish Ministry of Science)

Period: 3 years

Salary: around 1200 €/month in 14 payments.

Requirements: Candidates must hold a degree in chemical/environmental engineering, industrial and civil engineering, environmental science or similar, as well as a strong research commitment.

Preferably if he/she holds an Environmental Engineering Master Degree.

Applicants have to send their CV to the contact person until January, 31th 2009.

Activity: Development of hybrid reactors with biofilms and membranes for nutrient removal. Optimisation based on modelling.

Supervisors: Iñaki Tejero (UC) and Luis Larrea (CEIT)

Short description of the work: Hybrid bioreactors; aerated submerged biofilters; development of biofilm reactors; membrane bioreactors; membrane supported and oxygenated biofilms; nutrient removal; simulation models,

Contact person: Iñaki Tejero (tejeroi@unican.es)

PRE-DOC POSITION

Current status: open

Contracting organization: CEIT (Guipúzcoa studies and technical research centre), through the Environmental Engineering Group (GIA) of the University of Cantabria.

Position: Pre-doctoral research grant. The granted person has the opportunity of making a PhD.

Project: PROCESOS HIBRIDOS PARA LA AMPLIACION DE EDAR EXISTENTES PARA LA ELIMINACION DE NUTRIENTES. MEC. Programa Nacional. CTM2008-06877-C02-01/TECNO (Hybrid processes for existing WWTP enlargement for nutrient removal. Spanish Ministry of Science).

Period: 3 years

Salary: Research CEIT grant. Ver www.ceit.es

Requirements: Candidates must hold a degree in chemical/environmental engineering, industrial and civil engineering, environmental science or similar, as well as a strong research commitment.

Preferably if he/she holds an Environmental Engineering Master Degree.

Applicants have to send their CV to the contact person until January, 31th 2009

Activity: Development of hybrid reactors with biofilms and membranes for nutrient removal. Optimisation based on modelling.

Supervisors: Luis Larrea (CEIT) and Iñaki Tejero (UC)

Short description of the work: Hybrid bioreactors; mobile bed bioreactors; development of biofilm reactors; membrane bioreactors; membrane supported and oxygenated biofilms; nutrient removal; simulation models.

Contact person: Iñaki Tejero (tejeroi@unican.es) and Luis Larrea (llarrea@ceit.es)