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CONTACT INFORMATION

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PERSONAL INFORMATION

Date of Birth: August 3, 1984.
Place of Birth: Barcelona, Spain.
Citizenship: Spain
Sex: Male

EDUCATION

2010-present PhD in Environmental Engineering (Department of Hydraulic, Maritime and Environmental Engineering, Technical University of Catalonia (Barcelona)).
2002-2009 Geological Engineering (Barcelona, UPC-UB).
2007-2008 Erasmus Programme at The University of Sheffield (UK).

LANGUAGES

Catalan: native language
Spanish: native language
English: advanced level. TOEFL-IBT: 105/120 (January 2009, Institute of North American Studies, Barcelona).
French: basic

SCIENTIFIC PUBLICATIONS

Samsó, R., Pedescoll, A., García, J. (2011). Buenas prácticas en el diseño de humedales construidos, derivadas del estudio de la conductividad hidráulica, para retrasar el desarrollo de la colmatación.

http://www.aguasresiduales.info/main/index.php?md_0=4&md_1=&id=619&_pag=1

Pedescoll, A., Samsó, R., Romero, E., Puigagut, J., García, J. (2010). Reliability, repeatability and accuracy of the falling head method for hydraulic conductivity measurements under laboratory conditions. Ecological Engineering. doi:10.1016/j.ecoleng.2010.06.032

CONTRIBUTION IN PROCEEDINGS

Pedescoll, A., Uggetti, E., Samsó, R., Knowles, P. and García, J. (April 2011) Design criteria on clogging of subsurface flow constructed wetlands: full scale experiences. SMALLWAT2011. Seville, Spain.

García, J. i Samsó, R. (March 2011). Functions and Values of the Created Wetland in Can Cabanyes Natural Area (Granollers). L'Aigua als Projectes de Restauració Ambiental. Granollers (Barcelona), Spain.

Samsó, R., Pedescoll, A. & García, J. (December 2010). Criterios de diseño de humedales construidos para retrasar los efectos de la colmatación. Mesa Española de Tratamiento de Aguas 2010. Bilbao, Spain.

Samsó, R., Pedescoll, A. & García, J. (September 2009). Clogging distribution in two Horizontal Subsurface Flow Constructed Wetlands through measurements of hydraulic conductivity". Wetland Pollutant Dynamics and Control. Barcelona, Spain.

EMPLOYMENT HISTORY

October 2008 to present: **Technical University of Catalonia** (Department of Maritime, Hydraulic and Environmental Engineering), Barcelona, Spain.

Tasks carried out:

- July 2011: "Assessment of the socio-economical impact of the works carried out in Can Cabanyes area (parc periurbà SPJ4, Granollers). 2003-2010". Contractor: Town Council of Granollers.
- July 2011: " Historical assessment of the functioning of the water reclamation plant in Can Cabanyes (PARCC) (parc periurbà SPJ4, Granollers) 2008- 2010". Contractor: Town Council of Granollers.
- July 2011: "Historical assessment of the water quality in the amphibian pond in Can Cabanyes (parc periurbà SPJ4, Granollers). 2008-2010". Contractor: Town Council of Granollers.
- July 2011: "Historical assessment of the functioning and efficiency of the surface flow treatment wetland in Can Cabanyes, Granollers (Barcelona) (parc periurbà SPJ4, Granollers). April 2003 - December 2010". Contractor: Town Council of Granollers.
- February 2011: "Assessment of the functioning and efficiency of a surface flow treatment wetland in Granollers (Barcelona). January-December 2010. Contractor: Town Council of Granollers.
- February 2011: "Assessment of the functioning of Can Cabanyes' water regeneration plant (PARCC) (parc periurbà SPJ4, Granollers). January-December 2010". Contractor: Town Council of Granollers.
- Graduate Teacher Assistant in the subject "Experimental Processes of Water Treatment" at the School of Civil Engineering.
- January 2010: Assessment of the functioning and efficiency of a surface flow treatment wetland in Granollers (Barcelona). January-December 2009. Contractor: Town Council of Granollers.
- January 2010: Definition of the general design parameters of the tertiary treatment of Solsona's treatment plant (Barcelona). Contractor: Àrids Romà SAU.

- November 2009: Definition of the general design and construction parameters of the Delta del Ebro Wetlands. Contractor: Aquagest Medio Ambiente, S.A.
- May 2009: Study of the clogging distribution in the subsurface flow treatment wetlands at the village of Gualba (Barcelona). Contractor: Sorea (Grup Agbar).
- March 2009: Design of a surface flow constructed wetland for the tertiary treatment of the effluent of Granollers' treatment plant. Contractor: Town Council of Granollers (Barcelona).

June to September 2007 **TYPSA** (Barcelona, Spain)

Tasks carried out:

- Design of a gauging station at Merlès river, in the town of Navàs (Barcelona) (Code 1018) Customer: Water Agency of Catalonia. Organization and participation in the field campaigns to harvest data.
- Collaboration in the follow-up and maintenance of the control stations of the Integral System of Water Cycle in the Territory (SICAT). Customer: Water Agency of Catalonia.
- Writing of reports and revision of invoicing.
- Diverse works with a database program.

June to September 2006 **RSE Aplicaciones Territoriales S.A.** (Barcelona)

Tasks carried out:

- Geological and geotechnic follow-up and interpretation of the soundings to carry out in motive of the topographic and geotechnic auscultation of the Line 9 of the Underground of Barcelona. Customer: IGC-GISA.
- Elaboration of the memories of June and July.
- Technical assistance for the writing of the Feasibility Study of the Remodelling of the Underground of El Vallès (Barcelona) (FGC). Elaboration of the final memory.