

Ane M. Urriaga

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Full Professor in Chemical Engineering at the University of Cantabria, Spain, since 2007.

My research expertise covers the development of i) chemical and environmental technologies, and their applications in the sustainability of the process industry, water treatment, resource recovery, capture and recovery of high GWP gases, hydrogen recovery from flue-gas as green energy vector, agri-food; ii) development of biocompatible materials and bioreactors for biomedical engineering; iii) modelling and simulation for process integration and intensification.

My academic activity covers teaching to undergraduate, master and doctorate students in engineering programs. I have supervised 17 PhD thesis, and at present I am training 4 doctorate students. In the research dimension I have been the principal investigator in 28 projects and scientific infrastructures, and collaborator in 32 additional initiatives funded by competitive. I have authored 150+ scientific articles, ~ 75% classified as Q1, 12 book chapters and over 270 congress communications. The whole set of publications has received over 5600 cites as registered by Scopus (h-index 42). Ane Urriaga activity embraces a strong commitment with knowledge transfer, materialized as research contracts with companies, consultancy services for public bodies, registration of intellectual property rights (4 patents), supervision of one industrial PhD, and creation of one spin-off. At present, a remarkable part of my research is performed in collaboration with national and international groups. As a result, about 40% of publications in the last ten years are collaborative works with national and international researchers. With regards to the science management dimension, I served as coordinator of the area of Chemical Technology of the National Agency of Evaluation and Prospective, and as collaborator in the area CTQ-IQM of the Spanish Research Agency. I have also served as evaluator for several Quality Agencies in Spain.