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Education

- Ph.D. Chemical Engineering. University of Vigo, 2007.
- Graduated in Industrial Chemistry University of Vigo, 2001.

Positions

- Associte Professor Department of Chemical Engineering. University of Vigo (2017-current)
- Postdoc Researcher, Department of Chemical Engineering. University of Vigo (2007- 2017)
- Predoc Researcher, Department of Chemical Engineering. University of Vigo (2005-2007)
- Project Assistant, Department of Chemical Engineering. University of Vigo (2001-2005)

Teaching Activities

- Reactors and Biotechnology (Industrial Chemistry Engineering Degree 3rd year)
- Wastewater treatment (Chemical Degree, 5th year)
- Process of chemical engineering (Chemical Engineering Degree, 3rd year)
- Fundaments of chemical engineering (Chemical Engineering Degree, 3rd year)
- Fermentation Engineering (Biotechnology, 4th year)
- Science and environmental technology (Industrial Engineering Degree, 5th year)
- Biotechnology process (Doctorate in Chemical Engineering)
- Soil remediation (MSc Integrated Environmental Management)

Research Field

- Development of biobarrier permeable reactives
- Soil Bioremediation
- Electrokinetic process development for recovery of soil polluted with heavy metals and organic compounds
- Electrochemical treatment of industrial waste effluents (xenobiotic and recalcitrant organic pollution)

Research Projects

- Implementation of new strategies of advanced oxidation for the treatment of winery wastewate
- Permeable reactive biobarriers for groundwater treatment
- Electrokinetic process development for recovery of heavy metal polluted soil

- Development of a novel integral treatment for removal of organic pollutants from soil

Research Activities

Marta Mª Pazos Currás is an Associate Professor of the Department of Chemical Engineering at the University of Vigo and belonging to the Bioengineering and Sustainable Processes Group (http://biosuv.webs.uvigo.es). Her research career has focused on the area of Environmental Technology, and she has management as main researcher of three projects in this field. Presently, she is developing Advanced Oxidation Processes for industrial and environmental applications. She has an H index of 27 by her authorship of more than 100 articles that have been published in prestigious international journals and placed in a first or second quartile of Journal Citation Reports indexed journal. She also has supervised 9 PhD Thesis.In addition, her research has been divulgated in more than 200 communications to national and international conferences.