

Miguel Caetano

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Portugal

REE, PGE

Recently published work

Almécija, C., M. Sharma, A. Cobelo-Garcia, J. Santos-Echeandia, M. Caetano, 2015. Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments (Tagus Estuary, SW Europe). *Environmental Science & Technology* 49(11): 6545–6553.

Caetano, M., Vale, C., Anes, B., Raimundo, J., Drago, T., Nogueira, M., Oliveira, A., Schimdt, S. e R. Prego. 2013. The Condor Seamount at Mid Atlantic Ridge as a supplementary source of trace and rare earth elements to the sediments. *Deep Sea Research II*, 98: 24-37

Prego, R., M. Caetano, P. Bernárdez, P. Brito; N. Ospina-Alvarez e C. Vale. 2012. Rare earth elements in coastal sediments of the northern Galician shelf: influence of geological features. *Continental Shelf Research* 35:75-85

M. Caetano, R. Prego, C. Vale, H. Pablo e J. Marmolejo-Rodríguez, 2009. Evidence for early diagenesis of rare earth elements and metals in a transition sedimentary environment. *Marine Chemistry* 116:36-46

Prego, R., M. Caetano, C. Vale e J. Marmolejo-Rodríguez, 2009. Rare earth elements in sediments of the Vigo Ria (NW Iberian Peninsula). *Continental Shelf Research* 29: 896-902

Work in progress

- Research project - Recovery versus environmental impacts of Rare Earth Elements derived from human activities - REEuse. (Project FCT, PTDC/QEQEPR/1249/2014, 2016-2018)
- PhD - Biogeochemistry of Platinum-Group Elements (PGE) in Aquatic Ecosystems; Carlos Monteiro - IPMA, IST, CSIC-IIM(Spain)
- PhD - Rare Earth Elements in the Tagus and Mira Estuaries: Sources, Effects and Biogeochemistry, Pedro Aboim de Brito - IPMA, FCUL
- Research Footprint of Roman and modern mining activities in a long sediment core from the Southern Iberian Peninsula (trace elements and rare earth elements). (Mário Mil-Homens)
- Research From PGE concentrations to Gene Expression and Epigenetic Regulation in Wild Species; Joana Raimundo - IPMA-IIM