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Nationality: Spanish

Orientation: Ocean observation and Global change
Specialization Area: Global change
Research Area: 1.9 Impact on biogeochemical cycles

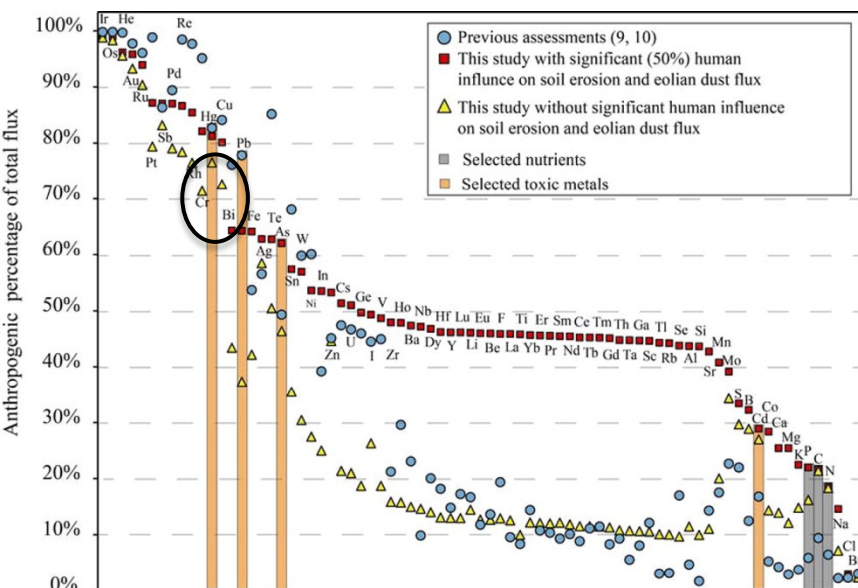


PhD project: Platinum: from a paleoproxy to an emerging contaminant

Supervisors: Dr. Juan Santos-Echeandía (Spanish Oceanographic Institute)
Dr. Antonio Cobelo-García (Marine Research Institute-CSIC)

Summary: Evaluation of the factors controlling the changes in the environmental concentration of platinum from two points of view.

1. Through the analysis of its accumulation in both sediments and organisms as an emerging contaminant.
2. Through the analysis of an oceanic core to determine its potential use as paleoproxy of past oceanographic conditions.



Pt anthropogenic flux is greater ($\approx 80\%$) than the respective natural flux (Sen & Peucker-Ehrenbrink 2012).