

List of publications

First Author:

- Ruvalcaba Baroni, I., Palastanga, V. and C. P. Slomp: Enhanced organic carbon burial in sediments of oxygen minimum zones upon ocean deoxygenation. *Frontiers in Marine Science*, 6-839, 2020.
- Ruvalcaba Baroni, I., Pohl, A., van Helmond, N. A. G. M., Papadomanolaki, N. M., Coe, A. L., Cohen, A. S., van de Schootbrugge, B., Donnadieu, Y., and C. P. Slomp.: Ocean circulation in the Toarcian (Early Jurassic): a key control on deoxygenation and carbon burial on the European Shelf." *Paleoceanography and Paleoclimatology* 33, no. 9, 994-1012, 2018.
- Ruvalcaba Baroni, I., van Helmond, N. A. G. M., Tsandev, I., Middelburg, J. and C. P. Slomp: The nitrogen isotope composition of sediments from the proto-North Atlantic during Oceanic Anoxic Event 2, *Paleoceanography*, 30, doi:10.1002/2014PA002744, 2015.
- Ruvalcaba Baroni, I., Tsandev, I. and C. P. Slomp: Nitrogen dynamics during the Cenomanian-Turonian oceanic Anoxic Event 2: A model study for the proto-North Atlantic, *Geochemistry, Geophysics, Geosystems*, 15(10), 4064-4078, 2014
- Ruvalcaba Baroni, I., Topper, R. P. M., van Helmond, N. A. G. M., Brinkhuis, H. and C. P. Slomp: Biogeochemistry of the North Atlantic during oceanic anoxic event 2: role of changes in ocean circulation and phosphorus input, *Biogeosciences*, 11, 977-993, 2014.
- Ruvalcaba Baroni, I. and C. H. Murphy: La triste historia del Río Tancochín y su deterioro hidrológico, in: Ruvalcaba Mercado J., La tercera realidad: La Huasteca como espejo cultural, CIESAS, 231-247, 2013.

Others:

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- van Helmond, N. A. G. M., Ruvalcaba Baroni, I., Sluijs, A., Sinninghe Damsté, J. S., and C. P. Slomp: Spatial extent and degree of oxygen depletion in the deep proto-North Atlantic basin during Oceanic Anoxic Event 2, *Geochemistry, Geophysics, Geosystems* 15(11), 4254-4266, 2014.