

Anchoring the Late Devonian Mass extinction in absolute time by integrating climatic controls and radio-isotopic dating.

Da Silva, A.C.^{1*}, Sinnesael, M.^{2,3,4}, Claeys, Ph.², Davies, J.H.F.L.⁵, de Winter, N.J.²⁻⁶, Percival, L.², Schaltegger, U.⁷, De Vleeschouwer, D.^{8*}

1. Liège University, Sedimentary Petrology Laboratory, Allée du Six Août, 12, Quartier Agora, 4000 Liège, Liège University, Belgium
2. Analytical, Environmental and Geo-Chemistry (AMGC), Vrije Universiteit Brussel, Pleinlaan 2, 1050 Brussels, Belgium.
3. Department of Geology, Ghent University, Belgium
4. Department of Earth Sciences, Mountjoy Site, Durham University, South Road, Durham DH1 3LE, UK
5. Département des sciences de la Terre et de l'atmosphère, Université du Québec à Montréal, Montréal, Canada
6. Department of Earth Sciences, Faculty of Geosciences, Utrecht University, Princetonlaan 8a, 3584 CB Utrecht, the Netherlands
7. Département des sciences de la Terre, Université de Genève, 1205, Genève, Switzerland.
8. MARUM—Center for Marine Environmental Sciences, University of Bremen, Leobenerstraße, 28359 Bremen, Germany.

* Corresponding authors: ac.dasilva@uliege.be and ddevleeschouwer@marum.de