



Calum Fox



Work Address: WA-OIGC, Curtin University, GPO Box U1987 Perth, 6845 WA

Phone: +61 (0) 452 006 893

Email:
calum.fox@postgrad.curtin.edu.au

Brief Summary

My work focuses on the end-Triassic mass extinction event. Using a biomarker analysis (molecular lipid derived fossils) I am investigating the changes in ecological and environmental conditions across three major sections within Europe, with the aim of determining the cause of excursions in the stable bulk organic carbon isotope records. Furthermore, the recovery of end-Permian mass extinction is also investigated to investigate similarities between the end-Triassic and end-Permian mass extinction events.

Education: PhD Organic Geochemistry, Curtin University, Perth, WA, 2016 – Present
MSci Oceanography, University of Southampton, 2011 – 2015
Access to Life and Biological Science, Coleg Glan Hafren, UK 2010 - 2011

Research interests: Mass extinction events, Palaeoceanography, Palaeoclimatology, Biogeochemistry, Organic geochemistry

Thesis title: End-Triassic Mass Extinction event lead up and recovery Across European sections: A biomarker analysis.

Supervisors: Prof., Kliti Grice, A/ Prof., Jessica Whiteside, A/ Prof., Marco Coolen

Conferences: International Meeting on Organic Geochemistry, 2017 – Poster Presentation
Tiger Conference, 2017 – Poster Presentation
Australian Organic Geochemistry Conference, 2016 – Oral Presentation
Geological Society of America Conference, 2016 – Oral Presentation
Australasian Astrobiology Meeting, 2016 – Oral Presentation

Links: <https://curtinedu.academia.edu/CalumFox>
<http://wa-oigc.curtin.edu.au/people/students/>