



UNIVERSITY OF LEEDS



YORKSHIRE  
GEOLOGICAL  
SOCIETY

# "Ancient Air: The evolution of the Earth's atmosphere"

Saturday 12th October 2019

1.00pm to 4.30pm

Rupert Beckett Lecture Theatre, Michael Sadler Building,  
University of Leeds LS2 9DA

*A series of 4 illustrated talks by leading experts on the Earth's ancient atmosphere and its co-evolution with life on our planet — from its primordial origins in deep geological time to the most recent perturbations by the activity of humans.*

## Provisional Programme

*Ben Mills (University of Leeds) Carbon dioxide and climate over Earth history*

*Alex Krause (University of Leeds) The rise and rise (and rise) of atmospheric oxygen*

*Sarah Greene (University of Birmingham) Carbon Emissions and Mass Extinctions: What drove the biggest climate 'events' of the Meso-Cenozoic?*

*Colin Waters (University of Leicester) The evidence for anthropogenic modification of the atmosphere and the implications for the recognition of the Anthropocene Epoch*

*Non-members welcome and attendance is free of charge,  
participants will be asked to register on arrival.*

*For further information about Yorkshire Geological Society events see*

*<http://www.yorksgeolsoc.org.uk/>*