

James Daniel Paul MOORE

Research Fellow

Earth Observatory of Singapore

Nanyang Technological University

Dr James Daniel Paul Moore is a Research Fellow at the Earth Observatory of Singapore investigating Lithosphere Dynamics across multiple timescales. Prior to his current position he was a postdoctoral researcher in the Marine Geophysics group at Oxford and completed his DPhil as a member of the COMET research group. His research interests include viscoelastic relaxation of the crust under loading, earthquake cycle processes, and deformation driven by volcanic systems. He examines these systems using a combination of analytic and numerical methods. His current research areas include the effect of non-linear deformation mechanisms on the earthquake cycle, with rate and state friction and off fault non-linear ductile deformation, imaging material properties of the mantle and ductile regions of the lower crust, regional compensation in dynamic topography, and nascent rifting.