

Gravitational Collapse at Continental Margins
28 – 29 October 2008
Geological Society, Burlington House, Piccadilly

Tuesday 28 October		
10.00	Registration and coffee	
10.35	Welcome	

Session 1		
Chair	Jonathan Turner	
10.45	Lonergan	Structure of a near-recent giant submarine landslide on the continental slope of the NE Gulf of Mexico
11.15	Exley et al.	Shear-wave splitting as an indicator of slope stability: a case study from the northern headwall of the Storegga Slide
11.45	Gafeira et al.	Are chaotic deposits that chaotic? 3D seismic evidence of internal structure within Tampen Slide deposits on the North Sea Fan
12.15	Amerman et al.	The use of geophysical methods and outcrop studies in the recognition and characterization of submarine mass transport deposits: An integrated approach

12.45	Lunch	
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Session 2		
Chair	Peter Cobbald	
14.00	Butler & McCaffrey	The structural geology of mass transport complexes
14.30	Cottam et al.	Rise of Mt Kinabalu drives gravity collapse offshore NW Borneo
15.00	Mitchell et al.	Submarine salt glaciers in the central Red Sea

15.30	Tea/coffee	
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Session 3		
Chair	Christopher Beaumont	
16.00	Cobbald	Large submarine slides on a steep continental margin (Camamu Basin, NE Brazil)
16.30	Scarselli et al	New insights into the gravity-driven processes of deformation and sediment remobilization in the Orange Basin, Namibia, SW Africa
17.00	Reis et al.	Gravity-driven processes at the offshore Amazon Mouth Basin - Brazilian Equatorial Atlantic margin
17.30	Butler & McCaffrey	Depositional controls on structural evolution in gravitationally-failing submarine slope systems

18.00	Wine and savouries reception	
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Wednesday 29 October

8.45	Registration	
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Session 4

Chair	Neil Mitchell	
9.15	Quirk et al.	Salt tectonics in Santos Basin, SE Brazil
9.45	Gradmann & Beaumont	Factors controlling the evolution of the Perdido Fold Belt, north-western Gulf of Mexico, determined from numerical modelling
10.15	Beaumont & Ings	An explanation for the initiation and early development of salt withdrawal mini-basins during continental margin gravitational spreading

10.45	Tea/coffee	
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Session 5

Chair	Lidia Lonergan	
11.15	Morsilli & Rusciadelli	3D reconstruction of a Cretaceous scalloped carbonate platform margin (Maiella, central Apennines, Italy)
11.45	Turner et al.	Gravitational collapse of equatorial and south Atlantic carbonate platforms: a new model based on examples from Equatorial Guinea
12.15	Kawamura et al.	Subduction-related gravitational collapse through exhumation and seismogenic turbidites in the Nankai accretionary prism
12.45	Ogawa	Gravitational collapse at convergent margins in NW Pacific: examples from Boso trench triple junction and Japan trench

13.15	Lunch	
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Session 6

Chair	Rob Butler	
14.15	Maloney et al.	Shale mobilization in gravitational fold and thrust belts: insights from the south Niger Delta
14.45	Ings et al.	Numerical models of rifted continental margin shale tectonics with application to the Niger Delta
15.15	Jones	Toe thrusts and slides on the Niger Delta slope: influence of the underlying oceanic crust and igneous intrusions
15.45	Jibrin & Turner	Surface geometry of Niger Delta thrust faults, Joint Development Zone

16.15	Closing remarks	
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16.30	Close of meeting	
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