

## EGU 2010 – Geomorphology (GM)

**O: Oral Presentation (Lecture Room) / P: Poster Presentation (First Poster Board)**

**TB: 1: 08:30–10:00 / 2: 10:30–12:00 / 3: 13:30–15:00 / 4: 15:30–17:00 / 5: 17:30–19:00 / 6: 19:00–20:00**

Division Business Meeting: We, 12:15–13:15, Room 21

Session	Title	TB	Mo	Tu	We	Th	Fr
ML13	Ralph Alger Bagnold Medal Lecture by Friedhelm von Blanckenburg	1					
		2					
		3					
		4					
		5					
		6		O (14)			
AS4.7	Aeolian dust: initiator, player, and recorder of environmental change	1					O (11)
		2					O (11)
		3					P (XY205)
		4					
		5					
GM1 – Geomorphology - General Sessions							
GM1.1	EGU/AGU Geomorphology Symposium - Quantifying landscape response to climate change	1					
		2					
		3					
		4		O (21)			
		5					
TS8.1/G16/GD2.11/ GM1.2/GMPV46/HS13.1/ MPRG18/NH4.5/SM7.1	One year after the Abruzzo 2009 earthquake	1					
		2					
		3		O (30)			
		4		O (30)			
		5			P (A454)		
GM1.3	Planetary Geomorphology	1					
		2					
		3					
		4					
		5		P (XL1)			
GM1.4	Geoscience methods and techniques: multidisciplinary approaches to Geoarchaeology	1					
		2					
		3					
		4	O (21)				
		5	P (A45)				
SM1.0/G25/GD2.17/ GM1.5/GMPV37/NH4.0/ NH5.3/SSP1.9/TS8.4	Large Magnitude Earthquakes and Tsunami Activity in 2010: Views on The Haiti and Chile Events	1	O (D)				
		2	O (D)				
		3					
		4					
		5					
GM2 – Techniques and Methods in Geomorphology							
GM2.1	High definition topography - data acquisition and analysis	1		O (22)			
		2					
		3					
		4					
		5		P (XL15)			
GM2.2	Airborne and Terrestrial Laser Scanning and geomorphology: possibilities, problems, and solutions	1					
		2		O (22)			
		3					
		4					
		5		P (XL27)			
GM2.3	Complex systems research in Geomorphology – Concepts, methods and application	1					
		2		P (XL49)			
		3					
		4					
		5					
CL4.7/GM2.4/SSP2.5	Advances in Quaternary Geochronology	1					
		2			O (15)		
		3			O (15)		
		4			O (15)		
		5				P (XY325)	

Session	Title	TB	Mo	Tu	We	Th	Fr
GM3 – Rates, Dates and Fluxes in Geomorphology							
GM3.1	Quantifying erosion and weathering rates across spatial and temporal scales	1			O (22)		
		2			O (22)		
		3					
		4					
		5			P (XL30)		
GM3.3	Sediment fluxes and sediment budgets across space and time	1				O (22)	
		2					
		3					
		4					
		5				P (XL32)	
HS2.4/GM3.4	Sediment transfer and transit time across scales: tracing, budgeting and modelling	1					
		2					
		3				O (34)	
		4					
		5				P (A89)	
HS2.5/GM3.5	Measuring and modelling sediment transport in small and large streams	1					
		2					
		3					
		4				O (34)	
		5				P (A105)	
GM3.6/HS13.10	Stochastic sediment transport: from measurements to morphogenesis	1					
		2					
		3					
		4					O (21)/ P (XL39)
		5					
GM4 – Climate and Climate Variability in Geomorphology							
GM4.1	Geomorphic response to environmental change	1		O (21)			
		2		O (21)			
		3		O (21)			
		4					
		5		P (XL60)			
GM4.3/SSS37	Erosion, land degradation and terrestrial carbon cycling	1	O (21)				
		2	O (21)				
		3					
		4					
		5	P (A59)				
GMPV39/GM4.4/SSS43	Chemistry and physics of the Earth’s surface system: from reactive transport to monitoring of the 'critical zone'	1					P (XL163)
		2					
		3					
		4				O (25)	
		5					
HS2.2/GM4.5	Impact of climate and land use change on erosion, sediment transport and sedimentation	1					
		2				O (34)	
		3					
		4					
		5				P (A61)	
GM5 – Landscape Dynamics							
GM5.1	Long-term landscape evolution and interactions between tectonic and surface processes	1					
		2					
		3			O (22)		
		4			O (22)		
		5			P (XL47)		
TS4.1/G22/GD2.4/ GM5.2/SM1.4	Coupling topography, surface erosion and tectonics	1					
		2					
		3		O (32)			
		4					
		5		P (A453)			
GM5.3	Interpreting the detrital record: advances, applications, and limitations	1					
		2				O (22)	
		3					
		4					
		5				P (XL50)	
GM5.4	Late Quaternary morphodynamics in East Asia	1					
		2					
		3					
		4					
		5			P (XL74)		
TS4.3/CL1.1/GD2.5/ GM5.5/MPRG8/SSP1.5	Eurasian Climate and Tectonics	1					
		2					
		3					
		4		O (32)			
		5		P (A497)			
TS4.5/GM5.6	Geodynamics of the Alps - from deep-seated to surface processes	1					
		2					
		3				O (30)	
		4					
		5				P (A393)	
TS4.2/GM5.7	Topography Evolution of Europe: Uplift, Subsidence and Sea Level Change (Topo-Europe)	1		O (32)			
		2		O (32)			
		3					
		4					
		5		P (A475)			

Session	Title	TB	Mo	Tu	We	Th	Fr
GM6 – Geomorphology and Ecology							
GM6.1	Process geomorphology and ecosystems - disturbance regimes and interactions	1					
		2					
		3	O (21)				
		4					
		5	P (A77)				
GM7 – Geomorphology - Cold Regions							
GM7.2	Cold regions geomorphology	1					
		2					
		3				O (21)	
		4				O (21)	
		5				P (XL68)	
GM8 – Geomorphology - Hillslopes and Soils							
GM8.1	Geomorphic Processes in coupled hillslope-channel systems	1					
		2					
		3					O (21)
		4					P (XL49)
		5					
GM8.3	The geomorphic significance of mass wasting processes	1					
		2					
		3					
		4					P (XL61)
		5					
GM8.4	Hillslope processes in space and time	1					
		2					
		3					
		4				O (22)	P (XL72)
		5					
GM8.5/NH3.14	Rockfall I&II: Detachment, trajectory modelling, deposition and mitigation strategies	1					
		2					
		3				O (22)	
		4					P (XL91)
		5					
NH8.2/GM8.8	Geomorphology and Hazards in Karst Areas	1	O (10)				
		2	O (10)				
		3					
		4					
		5	P (XY644)				
GM9 – Geomorphology - Rivers							
GM9.2/HS13.11	Sediment transport, erosion, and channel morphology	1					O (21)
		2					O (21)
		3					
		4					P (XL111)
		5					
GM10 – Geomorphology - Sea							
GM10.1/HS3.3	Coasts and estuaries	1			O (21)		
		2			O (21)		
		3					
		4					
		5			P (XL86)		
GM10.2	Coastal zone geomorphologic interactions: natural versus human-induced driving factors	1					
		2					
		3			O (21)		
		4					
		5			P (XL111)		
GM10.3	Dynamics of rocky coastlines	1					
		2					
		3					
		4			O (21)		
		5			P (XL131)		
GM10.4/TS4.9	Seafloor expression of tectonic and geomorphic processes	1				O (21)	
		2				O (21)	
		3					
		4					
		5				P (XL96)	
GM11 – Co-listed Sessions							
NH9.9	Reconstructing terrestrial and coastal hazards from geological archives: mechanisms, processes, and predictability	1					
		2					
		3					P (XY534)
		4					O (2)
		5					