GM – **Geomorphology** (**#EGU15GM**) – **Orals**

	Monday, 13 April
MO1 , 08:30–10:00	GM2.3/ESSI2.15, High Resolution Topography in the Geosciences: methods and applications (co-organized), 08:30–12:00, Room G2
	HS9.1/GM7.10, Measurement and monitoring techniques for evaluating sediment transport and dynamic processes in open-water environments (co-organized), 08:30–10:00, Room R4
MO2 , 10:30–12:00	GM2.3/ESSI2.15, High Resolution Topography in the Geosciences: methods and applications (co-organized), 08:30–12:00, Room G2
	HS9.2/GM7.11/SSS9.24, Quantifying fine sediment redistribution in river catchments: linking monitoring, modelling and tracing (co-organized), 10:30–12:00, Room R4
MO3 , 13:30–15:00	SSP3.1.1/GM7.6/HS9.7, Sedimentary structures formed by upper-regime flows: From antidunes to cyclic steps (co-organized), 13:30–15:00, Room B3
	HS9.3/GM7.7/SSS9.25, Transfer of sediments and contaminants in catchments, rivers and lakes (co-organized), 13:30–17:00, Room R4
	GM11.3/SC48, Quantitative interrogation of high-resolution DTMs (co-organized), 13:30–15:00, Room G2
MO4 , 15:30–17:00	HS9.3/GM7.7/SSS9.25, Transfer of sediments and contaminants in catchments, rivers and lakes (co-organized), 13:30–17:00, Room R4
	GM10.1/PS9.5, Planetary Geomorphology (co-organized), 15:30–17:15, Room G2
	Tuesday, 14 April
TU1 , 08:30–10:00	CL5.10/GM1.10, Advances in Quaternary Geochronology (co-organized), 08:30–12:00, Room Y9
	SSS9.21/GM4.7, Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), 08:30–15:00, Room B5
	SSS9.10/GM6.5/HS9.8, Coevolution of soils, landforms and vegetation: patterns, feedbacks and ecosystem stability thresholds. (co-organized), 08:30–10:15, Room B15
	GM7.2/SSP3.2.2/SSS3.7, Sedimentary source-to-sink fluxes and sediment budgets (co-organized), 08:30–10:00, Room G2
	HS4.1/AS1.22/GM7.12/NH1.10, Flash floods, hydro-geomorphic response, forecasting and risk management (co-organized), 08:30–12:00, Room R6
TU2 , 10:30–12:00	CL5.10/GM1.10, Advances in Quaternary Geochronology (co-organized), 08:30–12:00, Room Y9
	SSS9.21/GM4.7, Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), 08:30–15:00, Room B5
	SSS12.2/GM6.9, Rainfall simulators as a tool in Soil Science, Geomorphology and Hydrology research and teaching (co-organized), 10:30–12:15, Room B2
	GM7.1, Morphodynamics of steep mountain channels, 10:30–12:00, Room G2

	HS4.1/AS1.22/GM7.12/NH1.10, Flash floods, hydro-geomorphic response, forecasting and risk management (co-organized), 08:30–12:00, Room R6
TU3 , 13:30–15:00	GM1.5/EMRP4.2/SSS7.8/TS9.3, Geomechanics in natural environments: quantifying environmental stresses and physical soil or rock behaviour (co-organized), 13:30–15:00, Room G2
	TS8.2/EMRP4.4/GD1.2/GM1.7/GMPV7.12/PS9.10/SSS12.17, 200 years of modelling of geological processes (including the Stephan Mueller medal lecture by Evgueni Burov) (co-organized), 13:30–17:00, Room B9
	SSS9.21/GM4.7, Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), 08:30–15:00, Room B5
	GI1.3/SSS12.15, Applications of Data, Methods and Models in Geosciences (co-organized), 13:30–17:00, Room B11
TU4 , 15:30–17:00	GM1.6/HS9.9/SSP3.1.13, Granular Mechanics in the Geomorphological Context (co-organized), 15:30–17:00, Room G2
	TS8.2/EMRP4.4/GD1.2/GM1.7/GMPV7.12/PS9.10/SSS12.17, 200 years of modelling of geological processes (including the Stephan Mueller medal lecture by Evgueni Burov) (co-organized), 13:30–17:00, Room B9
	SSS2.12/BG4.2/GM4.5/HS12.5, Role of vegetation in soil conservation and hydrological hazards management (co-organized), 15:30–17:15, Room B5
	GI1.3/SSS12.15, Applications of Data, Methods and Models in Geosciences (co-organized), 13:30–17:00, Room B11
TU5 , 17:30–19:00	SC46/GM11.1, Meet the masters (co-organized), 17:30–19:00, Room G2
	Wednesday, 15 April
WE1 , 08:30–10:00	SSS9.3/BG2.15/GM4.6/HS10.13, The impact of grazing on soil, landforms, water and biota resources (co-organized), 08:30–10:15, Room B13
	GM6.1/NH3.15, Rockfalls, rockslides and rock avalanches (co-organized), 08:30–12:00, Room G2
	SSS7.4/GM6.8/HS12.10, Dynamic soil properties for understanding flow and transport in the landscape (co-organized), 08:30–10:15, Room B2
	CL5.6, Integrated climate and landscape evolution analyses: bridging long proxy data time series and instrumental observation, 08:30–12:00, Room Y6
	HS10.1/GM8.3/OS2.5, Estuarine processes (co-organized), 08:30–12:00, Room R6
WE2 , 10:30–12:00	GM6.1/NH3.15, Rockfalls, rockslides and rock avalanches (co-organized), 08:30–12:00, Room G2
	CL5.6, Integrated climate and landscape evolution analyses: bridging long proxy data time series and instrumental observation, 08:30–12:00, Room Y6
	HS10.1/GM8.3/OS2.5, Estuarine processes (co-organized), 08:30–12:00, Room R6
WEL , 12:15–13:15	KL2, Penck lecture, 12:15–13:15, Room G2
WE3 , 13:30–15:00	TS3.4/GM3.8/SSP3.2.4, Tectonics of sedimentary basins (co-organized), 13:30–17:00, Room B8
	SSS2.5/GM6.6/HS12.3, Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (co-organized), 13:30–15:15, Room B13

	GM8.1, Coastal zone geomorphologic interactions: natural versus human-induced driving factors, 13:30–17:00, Room G2
	TS3.4/GM3.8/SSP3.2.4, Tectonics of sedimentary basins (co-organized), 13:30–17:00, Room B8
	SSS2.9/GM6.11, Seeking a better understanding of gully erosion (co-organized), 15:30–17:15, Room B13
	GM8.1, Coastal zone geomorphologic interactions: natural versus human-induced driving factors, 13:30–17:00, Room G2
WE5 , 17:30–19:00	SC47/GM11.2, How to write a paper in geomorphology (co-organized), 17:30–19:00, Room G2
	Thursday, 16 April
TH1 , 08:30–10:00	SM4.1/GM1.13/HS11.5, Imaging the shallow subsurface with seismic and other geophysical methods (co-organized), 08:30–12:00, Room G3
	TS3.1/GM3.4, Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 08:30–15:00, Room G8
	GM4.1, Human-Landscape interaction in the Anthropocene, 08:30–10:00, Room G11
	SSS9.11/EOS10/GM4.4, Geoheritage, Geodiversity and Landscapes: a key issue for present and future studies (co-organized), 08:30–17:00, Roon B5
	HS10.4/GM7.9, Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), 08:30–12:00, Room G10
	GM9.1/CR1.5, Cold Regions Geomorphology (co-organized), 08:30–10:00, Room G2
TH2 , 10:30–12:00	SM4.1/GM1.13/HS11.5, Imaging the shallow subsurface with seismic and other geophysical methods (co-organized), 08:30–12:00, Room G3
	TS3.1/GM3.4, Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 08:30–15:00, Room G8
	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9, Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), 10:30–17:00, Room B10
	GM4.2, Geoarchaeology: Human-environment interactions in the Pleistocene and Holocene, 10:30–15:00, Room G11
	SSS9.11/EOS10/GM4.4, Geoheritage, Geodiversity and Landscapes: a key issue for present and future studies (co-organized), 08:30–17:00, Roon B5
	HS10.4/GM7.9, Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), 08:30–12:00, Room G10
	GM9.2/CR1.6/SSS9.22, Geomorphic and hydrological processes in proglacial areas under conditions of (rapid) deglaciation (co-organized), 10:30–12:00, Room G2
THL , 12:15–13:15	DM11, Division Meeting for Geomorphology (GM), 12:15–13:15, Room G2
	ML3, Arthur Holmes Medal Lecture by Carlo Laj, 12:15–13:15, Room Y1
TH3 , 13:30–15:00	TS3.1/GM3.4, Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 08:30–15:00, Room G8
	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9, Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), 10:30–17:00, Room B10
	GM4.2, Geoarchaeology: Human-environment interactions in the Pleistocene and Holocene, 10:30–15:00, Room G11

	SSS9.11/EOS10/GM4.4, Geoheritage, Geodiversity and Landscapes: a key issue for present and future studies (co-organized), 08:30–17:00, Room B5
	GM9.3/CR1.7, Glacial landforms and palaeoclimatic interpretation (co-organized), 13:30–15:00, Room G2
	SSP3.4.3/GI0.2/GM12.1/HS12.11/SM5.3, Combining research in geophysical and Earth processes: advances in multidisciplinary geosciences (co-organized), 13:30–15:00, Room B1
TH4 , 15:30–17:00	GM1.3/SSP3.1.12, Deriving palaeoenvironmental information from non-continuous sedimentary archives - pros and cons (co-organized), 15:30–17:00, Room G11
	GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9, Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), 10:30–17:00, Room B10
	TS3.3/CL1.9/GM3.6, Investigating Tectonism-Erosion-Climate-Couplings (iTECC): Himalayan orogenic development and climatic feedbacks from micro- to macro-scale (co-organized), 15:30–17:00, Room G8
	SSS9.11/EOS10/GM4.4, Geoheritage, Geodiversity and Landscapes: a key issue for present and future studies (co-organized), 08:30–17:00, Room B5
	GM8.2/CR6.4, Submarine Geomorphology of Glaciated Continental Margins (co-organized), 15:30–17:00, Room G2
TH5 , 17:30–19:00	ML24, Ralph Alger Bagnold Medal Lecture by Heather Viles, 18:00–20:00, Room B8
TH6 , 19:00–20:00	ML24, Ralph Alger Bagnold Medal Lecture by Heather Viles, 18:00–20:00, Room B8
	Friday, 17 April
FR1, 08:30–10:00	SSS2.8/BG4.3/GM1.15/HS2.1.7, Connectivity in hydrology and sediment dynamics: concepts, models, experiments and societal implications (co-organized), 08:30–15:15, Room B10
	SSS9.2/BG5.2/GM4.8/HS12.8, Past and Present post-fire environments. The complex interaction among ash, soils, vegetation recovery and Human intervention. (co-organized), 08:30–15:15, Room B2
	GM6.3/BG2.14/SSS5.8, Linking evolution of landscapes, soils and biogeochemical cycles through models, novel approaches and soil records (co-organized), 08:30–12:00, Room G2
	GM7.3/HS12.15/SSS2.16, Sediment Dynamics of Tropical River Systems (co-organized), 08:30–10:00, Room G11
	CR3.1/GM9.4, Reconstructing paleo ice dynamics: Comparing and combining field-based evidence and numerical modeling (co-organized), 08:30–10:00, Room R1

FR2, 10:30–12:00	SSS2.8/BG4.3/GM1.15/HS2.1.7, Connectivity in hydrology and sediment dynamics: concepts, models, experiments and societal implications (co-organized), 08:30–15:15, Room B10
	GM3.1/GD3.8/TS3.6, Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), 10:30–17:00, Room G11
	SSS9.2/BG5.2/GM4.8/HS12.8, Past and Present post-fire environments. The complex interaction among ash, soils, vegetation recovery and Human intervention. (co-organized), 08:30–15:15, Room B2
	GM6.3/BG2.14/SSS5.8, Linking evolution of landscapes, soils and biogeochemical cycles through models, novel approaches and soil records (co-organized), 08:30–12:00, Room G2
FR3, 13:30–15:00	G3.1/CL1.19/CR6.6/GD7.7/GM1.12/TS8.12, Recent advances in the modelling and observation of glacial isostatic adjustment (co-organized), 13:30–15:00, Room G12
	SSS2.8/BG4.3/GM1.15/HS2.1.7, Connectivity in hydrology and sediment dynamics: concepts, models, experiments and societal implications (co-organized), 08:30–15:15, Room B10
	GM3.1/GD3.8/TS3.6, Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), 10:30–17:00, Room G11
	SSS9.2/BG5.2/GM4.8/HS12.8, Past and Present post-fire environments. The complex interaction among ash, soils, vegetation recovery and Human intervention. (co-organized), 08:30–15:15, Room B2
	GM5.1/SSP3.1.11, Aeolian Sediments, from process to landforms (co-organized), 13:30–17:00, Room G2
	SSP3.1.4/GM7.5/HS9.6, From the river system to the lab: Sediment transport through the scales (co-organized), 13:30–17:00, Room B1
FR4, 15:30–17:00	GM3.1/GD3.8/TS3.6, Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), 10:30–17:00, Room G11
	GM5.1/SSP3.1.11, Aeolian Sediments, from process to landforms (co-organized), 13:30–17:00, Room G2
	SSP3.1.4/GM7.5/HS9.6, From the river system to the lab: Sediment transport through the scales (co-organized), 13:30–17:00, Room B1

GM – Geomorphology (#EGU15GM) – PICO

Tuesday, 14 April		
TU4 , 15:30–17:00	PS9.1/GD3.6/GM10.2/GMPV7.11/TS9.6, Processes in the Solar and Other Planetary Systems - Comparative Planetology (co-organized), PICO Spot 2	
	Wednesday, 15 April	
WE1 , 08:30–10:00	TS8.1/EMRP4.3/GD8.6/GM3.10/GMPV7.5, Analogue and numerical modeling of tectonic processes (co-organized), PICO Spot 2	
WE2 , 10:30–12:00	GM2.1, Frontiers in Geomorphometry and Earth Surface Dynamics: Possibilities, Limitations and Perspectives, PICO Spot 1	
	TS8.1/EMRP4.3/GD8.6/GM3.10/GMPV7.5, Analogue and numerical modeling of tectonic processes (co-organized), PICO Spot 2	
WE3 , 13:30–15:00	GM6.2, Hillslope geomorphology, denudational slope processes and slope response to climate change, PICO Spot 1	
WE4 , 15:30–17:00	GM7.4/HS12.14, Novel hydro-geomorphological approaches for improved flood risk understanding and/or mitigation (co-organized), PICO Spot 2	

GM – Geomorphology (#EGU15GM) – Posters

Monday, 13 April

MO5, 17:30–19:00 | GM2.3/ESSI2.15, High Resolution Topography in the Geosciences: methods and applications (co-organized), Blue Posters, B568–B591

SSP3.1.1/GM7.6/HS9.7, Sedimentary structures formed by upper-regime flows: From antidunes to cyclic steps (co-organized), Blue Posters, B546-B560

HS9.3/GM7.7/SSS9.25, Transfer of sediments and contaminants in catchments, rivers and lakes (co-organized), Red Posters, R220–R241

HS9.1/GM7.10, Measurement and monitoring techniques for evaluating sediment transport and dynamic processes in open-water environments (co-organized), Red Posters, R190-R203

HS9.2/GM7.11/SSS9.24, Quantifying fine sediment redistribution in river catchments: linking monitoring, modelling and tracing (co-organized), Red Posters, R204–R219

GM10.1/PS9.5, Planetary Geomorphology (co-organized), Blue Posters, B592–B608

GI1.3/SSS12.15, Applications of Data, Methods and Models in Geosciences (co-organized), Red Posters, R306–R320

Tuesday, 14 April

TU5, 17:30–19:00

GM1.5/EMRP4.2/SSS7.8/TS9.3, Geomechanics in natural environments: quantifying environmental stresses and physical soil or rock behaviour (co-organized), Blue Posters, B711–B721

GM1.6/HS9.9/SSP3.1.13, Granular Mechanics in the Geomorphological Context (co-organized), Blue Posters, B722–B733

TS8.2/EMRP4.4/GD1.2/GM1.7/GMPV7.12/PS9.10/SSS12.17, 200 years of modelling of geological processes (including the Stephan Mueller medal lecture by Evgueni Burov) (co-organized), Blue Posters, B652-B668

CL5.10/GM1.10, Advances in Quaternary Geochronology (co-organized), Yellow Posters, Y171–Y189

SSS2.12/BG4.2/GM4.5/HS12.5, Role of vegetation in soil conservation and hydrological hazards management (co-organized), Blue Posters, B919-B934

SSS9.21/GM4.7, Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), Blue Posters, B1046-B1068

SSS9.10/GM6.5/HS9.8, Coevolution of soils, landforms and vegetation: patterns, feedbacks and ecosystem stability thresholds. (co-organized), Blue Posters, B1032-B1045

SSS12.2/GM6.9, Rainfall simulators as a tool in Soil Science, Geomorphology and Hydrology research and teaching (co-organized), Blue Posters, B1069-B1083

GM7.1, Morphodynamics of steep mountain channels, Blue Posters, B734–B748

GM7.2/SSP3.2.2/SSS3.7, Sedimentary source-to-sink fluxes and sediment budgets (co-organized), Blue Posters, B749–B764

HS4.1/AS1.22/GM7.12/NH1.10, Flash floods, hydro-geomorphic response, forecasting and risk management (co-organized), Red Posters, R71-R95

Wednesday, 15 April

WE5, 17:30–19:00 TS3.4/GM3.8/SSP3.2.4, Tectonics of sedimentary basins (co-organized), Blue Posters, B514–B537

SSS9.3/BG2.15/GM4.6/HS10.13, The impact of grazing on soil, landforms, water and biota resources (co-organized), Blue Posters, B1053–B1063

GM6.1/NH3.15, Rockfalls, rockslides and rock avalanches (co-organized), Blue Posters, B708–B722

SSS2.5/GM6.6/HS12.3, Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (co-organized), Blue Posters, B892-B905

SSS7.4/GM6.8/HS12.10, Dynamic soil properties for understanding flow and transport in the landscape (co-organized), Blue Posters, B1023-B1035

SSS2.9/GM6.11, Seeking a better understanding of gully erosion (co-organized), Blue Posters, B906–B920

CL5.6, Integrated climate and landscape evolution analyses: bridging long proxy data time series and instrumental observation, Yellow Posters, Y88-Y112

GM8.1, Coastal zone geomorphologic interactions: natural versus human-induced driving factors, Blue Posters, B723–B739

HS10.1/GM8.3/OS2.5, Estuarine processes (co-organized), Red Posters, R211–R238

GM9.1/CR1.5, Cold Regions Geomorphology (co-organized), Blue Posters, B740-B753

GM9.2/CR1.6/SSS9.22, Geomorphic and hydrological processes in proglacial areas under conditions of (rapid) deglaciation (co-organized), Blue Posters. B754-B771

Thursday, 16 April

TH5, 17:30–19:00

GM1.3/SSP3.1.12. Deriving palaeoenvironmental information from non-continuous sedimentary archives - pros and cons (co-organized), Blue Posters, B703-B718

SM4.1/GM1.13/HS11.5, Imaging the shallow subsurface with seismic and other geophysical methods (co-organized), Blue Posters, B546–B572

TS3.1/GM3.4, Interactions between tectonics and surface processes from mountain belts to basins (co-organized), Blue Posters, B636–B663

GD2.2/GM3.5/GMPV3.4/SM6.12/TS3.9, Geodynamics of continental crust and upper mantle, and the nature of mantle discontinuities (including Augustus Love Medal Lecture and TopoEurope contributions) (co-organized), Blue Posters, B421-B443

GM4.1, Human-Landscape interaction in the Anthropocene, Blue Posters, B719–B735

GM4.2, Geoarchaeology: Human-environment interactions in the Pleistocene and Holocene, Blue Posters, B736–B751

SSS9.11/EOS10/GM4.4, Geoheritage, Geodiversity and Landscapes: a key issue for present and future studies (co-organized), Blue Posters, B1038-B1066

HS10.4/GM7.9, Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), Red Posters, R140–R158

	GM8.2/CR6.4, Submarine Geomorphology of Glaciated Continental Margins (co-organized), Blue Posters, B752–B769
	GM9.3/CR1.7, Glacial landforms and palaeoclimatic interpretation (co-organized), Blue Posters, B770–B784
	SSP3.4.3/GI0.2/GM12.1/HS12.11/SM5.3, Combining research in geophysical and Earth processes: advances in multidisciplinary geosciences (co-organized), Blue Posters, B696–B702
	Friday, 17 April
FR2 , 10:30–12:00	G3.1/CL1.19/CR6.6/GD7.7/GM1.12/TS8.12, Recent advances in the modelling and observation of glacial isostatic adjustment (co-organized), Blue Posters, B202–B211
	CR3.1/GM9.4, Reconstructing paleo ice dynamics: Comparing and combining field-based evidence and numerical modeling (co-organized), Yellow Posters, Y214–Y229
FR5, 17:30–19:00	SSS2.8/BG4.3/GM1.15/HS2.1.7, Connectivity in hydrology and sediment dynamics: concepts, models, experiments and societal implications (co-organized), Blue Posters, B714–B736
	GM3.1/GD3.8/TS3.6, Response of the Earth's surface to climate, tectonics and long-wavelength low-amplitude forcing (co-organized), Blue Posters, B482–B509
	TS3.3/CL1.9/GM3.6, Investigating Tectonism-Erosion-Climate-Couplings (iTECC): Himalayan orogenic development and climatic feedbacks from micro- to macro-scale (co-organized), Blue Posters, B350–B364
	SSS9.2/BG5.2/GM4.8/HS12.8, Past and Present post-fire environments. The complex interaction among ash, soils, vegetation recovery and Human intervention. (co-organized), Blue Posters, B823–B836
	GM5.1/SSP3.1.11, Aeolian Sediments, from process to landforms (co-organized), Blue Posters, B510–B522
	GM6.3/BG2.14/SSS5.8, Linking evolution of landscapes, soils and biogeochemical cycles through models, novel approaches and soil records (co-organized), Blue Posters, B523–B537
	GM7.3/HS12.15/SSS2.16, Sediment Dynamics of Tropical River Systems (co-organized), Blue Posters, B546–B556
	SSP3.1.4/GM7.5/HS9.6, From the river system to the lab: Sediment transport through the scales (co-organized), Blue Posters, B457–B481