

## GM – Geomorphology – Oral Sessions

### Monday, 04 April

<b>MO1</b> , 08:30–10:00	<b>GM5.1/TS4.9</b> , Tectonic Geomorphology and Landscape Evolution (co-organized), <b>Room 6, 08:30–17:00</b>
	<b>GM10.1</b> , Planetary Geomorphology, <b>Room 21, 08:30–10:00</b>
	<b>SSS5.6</b> , Digital soil mapping: novel approaches (including geophysical measurements, micromorphology) to the prediction of key soil properties for modelling physical processes (co-listed), <b>Room 22, 08:30–12:00</b>
<b>MO2</b> , 10:30–12:00	<b>GM3.1</b> , Advances in geoarchaeology: Using geomorphological techniques and digital applications for the analysis of past man-environment systems, <b>Room 21, 10:30–12:00</b>
	<b>GM5.1/TS4.9</b> , Tectonic Geomorphology and Landscape Evolution (co-organized), <b>Room 6, 08:30–17:00</b>
	<b>NH3.2/GM6.3</b> , Mechanisms and processes of landslides in seismically- or volcanically-active environments (co-organized), <b>Room 1, 10:30–12:00</b>
	<b>NH10.4/BG2.18/GM4.4/SSS1.12</b> , Mitigating against natural hazards: Biological contribution to sustainable soil bioengineering in a changing world (co-organized), <b>Room 2, 10:30–12:00</b>
	<b>PS2.7</b> , Terrestrial and Extraterrestrial Impact Cratering (co-listed), <b>Room 32, 10:30–12:15</b>
	<b>SSS5.6</b> , Digital soil mapping: novel approaches (including geophysical measurements, micromorphology) to the prediction of key soil properties for modelling physical processes (co-listed), <b>Room 22, 08:30–12:00</b>
<b>MO3</b> , 13:30–15:00	<b>GM5.1/TS4.9</b> , Tectonic Geomorphology and Landscape Evolution (co-organized), <b>Room 6, 08:30–17:00</b>
	<b>GM8.2</b> , Beach and Dune: Aeolian Processes and Landforms, <b>Room 21, 13:30–15:00</b>
	<b>NH3.3</b> , Rockfalls, rockslides and rock avalanches (co-listed), <b>Room 1, 13:30–17:00</b>
<b>MO4</b> , 15:30–17:00	<b>GM5.1/TS4.9</b> , Tectonic Geomorphology and Landscape Evolution (co-organized), <b>Room 6, 08:30–17:00</b>
	<b>GM8.3</b> , Coastal zone geomorphologic interactions: natural versus human-induced driving factors, <b>Room 21, 15:30–17:00</b>
	<b>NH3.3</b> , Rockfalls, rockslides and rock avalanches (co-listed), <b>Room 1, 13:30–17:00</b>

### Tuesday, 05 April

<b>TU1</b> , 08:30–10:00	<b>GM5.1/TS4.9</b> , Tectonic Geomorphology and Landscape Evolution (co-organized), <b>Room 22, 08:30–17:00</b>
	<b>GM9.1</b> , Cold regions geomorphology, <b>Room 21, 08:30–10:00</b>
	<b>TS6.8/GD5.8/GM5.9</b> , Pamir: a natural laboratory to understand intra-continental subduction. (co-organized), <b>Room 26, 08:30–10:00</b>
<b>TU2</b> , 10:30–12:00	<b>GM8.4/OS3.6/SSP1.6/TS4.7</b> , Seafloor Expression of Tectonic and Geomorphic Processes (co-organized), <b>Room 22, 10:30–12:00</b>
	<b>GM9.2</b> , Glacial landforms and palaeoclimatic interpretation, <b>Room 21, 10:30–12:00</b>
	<b>NH7.2/AS4.14/BG2.17</b> , Fire in the Earth System: Impacts and Feedbacks (co-listed), <b>Room 2, 10:30–12:00</b>
	<b>SM1.4/EG12/G6.5/GD2.10/GM5.8/TS4.8</b> , TOPOEUROPE, The Evolving Topography of Europe (co-organized), <b>Room 27, 10:30–17:00</b>

<b>TU3</b> , 13:30–15:00	<b>CL4.12</b> , Advances in Quaternary Geochronology (co-listed), <b>Room 13, 13:30–15:00</b>
	<b>GM2.5</b> , Simplicity and complexity in evolution of coupled geomorphologic systems: concepts, models and applications, <b>Room 21, 13:30–17:00</b>
	<b>GM7.4</b> , River and slope responses to climate change in steep landscapes, <b>Room 22, 13:30–15:00</b>
	<b>GMPV11</b> , New methods and concepts in volcanic geomorphology (co-listed), <b>Room 31, 13:30–15:00</b>
	<b>SM1.4/EG12/G6.5/GD2.10/GM5.8/TS4.8</b> , TOPOEUROPE, The Evolving Topography of Europe (co-organized), <b>Room 27, 10:30–17:00</b>
<b>TU4</b> , 15:30–17:00	<b>GM2.5</b> , Simplicity and complexity in evolution of coupled geomorphologic systems: concepts, models and applications, <b>Room 21, 13:30–17:00</b>
	<b>HS2.11/NH1.14</b> , Hydrological extremes: from droughts to floods (co-listed), <b>Room 36, 15:30–17:00</b>
	<b>SM1.4/EG12/G6.5/GD2.10/GM5.8/TS4.8</b> , TOPOEUROPE, The Evolving Topography of Europe (co-organized), <b>Room 27, 10:30–17:00</b>
	<b>SSS2.3/GM3.7/HS12.11</b> , Practical application of geomorphology, hydrology and erosion research in agricultural and forest areas. Discovering and implementing frameworks for translating research into sustainable management (co-organized), <b>Room 9, 15:30–17:00</b>
<b>TU6</b> , 19:00–20:00	<b>ML13</b> , Ralph Alger Bagnold Medal Lecture by Stuart Lane (co-listed), <b>Room 6, 19:00–20:00</b>
<b>Wednesday, 06 April</b>	
<b>WE1</b> , 08:30–10:00	<b>GM4.1</b> , Critical Zone Processes across Environmental Gradients, <b>Room 21, 08:30–10:00</b>
	<b>HS2.11/NH1.14</b> , Hydrological extremes: from droughts to floods (co-listed), <b>Room 36, 15:30–17:00</b>
	<b>HS10.1/GM8.1</b> , Coasts, Estuaries and Deltas (co-organized), <b>Room 38, 08:30–12:00</b>
	<b>NH5.4</b> , Coastal flooding and erosion risk: present and future (co-listed), <b>Room 4, 08:30–10:00</b>
<b>WE2</b> , 10:30–12:00	<b>GM4.2/GMPV52/HS12.2/SSS2.15</b> , Erosion and Terrestrial Carbon Cycling (co-organized), <b>Room 21, 10:30–12:00</b>
	<b>HS2.11/NH1.14</b> , Hydrological extremes: from droughts to floods (co-listed), <b>Room 36, 15:30–17:00</b>
	<b>HS10.1/GM8.1</b> , Coasts, Estuaries and Deltas (co-organized), <b>Room 38, 08:30–12:00</b>
	<b>SC10/GM11.1</b> , Reviewing paper manuscripts and research proposals in Geomorphology (co-organized), <b>Room SM1, 10:30–12:00</b>
<b>WE3</b> , 13:30–15:00	<b>GM4.3</b> , Process geomorphology and ecosystems – disturbance regimes and interactions, <b>Room 21, 13:30–15:00</b>
	<b>HS2.20</b> , Floodplain processes and inundation modelling (co-listed), <b>Room 38, 13:30–15:00</b>
	<b>NP2.3/AS4.20/CL4.6/GM2.7/HS12.9</b> , Modelling and Understanding Geophysical Systems as Complex Networks (co-organized), <b>Room 13, 13:30–15:00</b>
<b>WE4</b> , 15:30–17:00	<b>GI-14</b> , GMES Sentinel Satellites: New Possibilities for Science (co-listed), <b>Room 24, 15:30–17:15</b>
	<b>GM1.1</b> , Geophysical monitoring of surface processes (EGU-AGU Geomorphology Symposium), <b>Room 21, 15:30–17:00</b>
<b>Thursday, 07 April</b>	
<b>TH1</b> , 08:30–10:00	<b>GM7.6/HS12.5</b> , Sedimentary source-to-sink fluxes and sediment budgets (co-organized), <b>Room 21, 08:30–10:00</b>

	<b>HS2.14/NH3.13</b> , Landslide hydrology: from hillslope hydrology to landslide understanding (co-listed), <b>Room 36, 08:30–12:00</b>
	<b>SSS1.7</b> , Badlands and badlands processes in relation to regolith, soil, biodiversity and human pressure (co-listed), <b>Room 9, 08:30–10:00</b>
<b>TH2</b> , 10:30–12:00	<b>GM1.2/SSP3.7</b> , Teleconnections: Far-field links in sedimentary source-to-sink systems (GSL/GSA Session) (co-organized), <b>Room 21, 10:30–12:00</b>
	<b>HS2.14/NH3.13</b> , Landslide hydrology: from hillslope hydrology to landslide understanding (co-listed), <b>Room 36, 08:30–12:00</b>
	<b>PS10.0/GMPV28</b> , Volcanism and Tectonics in the Solar System (co-listed), <b>Room 32, 10:30–12:15</b>
<b>TH3</b> , 13:30–15:00	<b>ESSI8</b> , Uncertainty in Environmental Data and Models (co-listed), <b>Room 19, 13:30–17:00</b>
	<b>GM6.1</b> , The geomorphic significance of mass wasting processes, <b>Room 21, 13:30–15:00</b>
<b>TH4</b> , 15:30–17:00	<b>ESSI8</b> , Uncertainty in Environmental Data and Models (co-listed), <b>Room 19, 13:30–17:00</b>
	<b>GM6.6</b> , The changing geomorphic effectiveness of hydrologic events, <b>Room 21, 15:30–17:00</b>
	<b>HS9.3</b> , Sediment transport monitoring and modeling in rivers (co-listed), <b>Room 39, 15:30–17:00</b>
	<b>TS4.2/GD2.7/GM7.7/HS12.15/SSP3.2</b> , From Source to Sink: Quantification of mass transfer from mountain ranges to active sedimentary basins (co-organized), <b>Room 28, 15:30–17:00</b>
<b>Friday, 08 April</b>	
<b>FR1</b> , 08:30–10:00	<b>GM7.1/HS12.3</b> , Interactions of hydraulics, sediment transport and channel morphology (co-organized), <b>Room 21, 08:30–10:00</b>
	<b>HS9.2/GM3.4/SSS2.10</b> , Erosion and sediment delivery in agricultural landscapes: monitoring, modelling and management (co-organized), <b>Room 39, 08:30–12:00</b>
	<b>SSS2.2/EMRP15/GM10.2/PS7.0</b> , Modeling the Experiment, Experimenting the Models (co-listed), <b>Room 9, 08:30–15:00</b>
<b>FR2</b> , 10:30–12:00	<b>GM2.2/NH10.3/PS10.2</b> , Digital Landscapes: From Laser Scanning and High-resolution Measurement Technologies to Quantitative Interrogation of Geomorphic Processes (co-organized), <b>Room 21, 10:30–17:00</b>
	<b>HS9.2/GM3.4/SSS2.10</b> , Erosion and sediment delivery in agricultural landscapes: monitoring, modelling and management (co-organized), <b>Room 39, 08:30–12:00</b>
	<b>NH3.10/GM6.2</b> , Rock mechanics and structural controls on hillslope processes (co-organized), <b>Room 2, 10:30–12:00</b>
	<b>SSS2.2/EMRP15/GM10.2/PS7.0</b> , Modeling the Experiment, Experimenting the Models (co-listed), <b>Room 9, 08:30–15:00</b>
<b>FR3</b> , 13:30–15:00	<b>GM2.2/NH10.3/PS10.2</b> , Digital Landscapes: From Laser Scanning and High-resolution Measurement Technologies to Quantitative Interrogation of Geomorphic Processes (co-organized), <b>Room 21, 10:30–17:00</b>
	<b>HS9.4/GM7.5</b> , Transfer and storage of sediment and associated substances in river basins: : budgets, pathways, transit times, and ecological feedbacks (co-organized), <b>Room 38, 13:30–17:00</b>
	<b>HS10.2/OS2.3</b> , Lakes and inland seas (co-listed), <b>Room 33, 13:30–17:15</b>
	<b>SSS2.2/EMRP15/GM10.2/PS7.0</b> , Modeling the Experiment, Experimenting the Models (co-listed), <b>Room 9, 08:30–15:00</b>
<b>FR4</b> , 15:30–17:00	<b>GM2.2/NH10.3/PS10.2</b> , Digital Landscapes: From Laser Scanning and High-resolution Measurement Technologies to Quantitative Interrogation of

	Geomorphic Processes (co-organized), <b>Room 21, 10:30–17:00</b>
	<b>HS9.4/GM7.5</b> , Transfer and storage of sediment and associated substances in river basins: : budgets, pathways, transit times, and ecological feedbacks (co-organized), <b>Room 38, 13:30–17:00</b>
	<b>HS10.2/OS2.3</b> , Lakes and inland seas (co-listed), <b>Room 33, 13:30–17:15</b>

## GM – Geomorphology – Poster Sessions

### Monday, 04 April

<b>MO5</b> , 17:30–19:00	<b>GM3.1</b> , Advances in geoarchaeology: Using geomorphological techniques and digital applications for the analysis of past man-environment systems, <b>Hall A, A101–A112</b>
	<b>GM5.1/TS4.9</b> , Tectonic Geomorphology and Landscape Evolution (co-organized), <b>Hall A, A113–A180</b>
	<b>GM8.2</b> , Beach and Dune: Aeolian Processes and Landforms, <b>Hall A, A181–A191</b>
	<b>GM8.3</b> , Coastal zone geomorphologic interactions: natural versus human-induced driving factors, <b>Hall A, A192–A209</b>
	<b>GM10.1</b> , Planetary Geomorphology, <b>Hall A, A210–A222</b>
	<b>NH3.2/GM6.3</b> , Mechanisms and processes of landslides in seismically- or volcanically-active environments (co-organized), <b>Halls X/Y, XY434–XY447</b>
	<b>NH3.3</b> , Rockfalls, rockslides and rock avalanches (co-listed), <b>Halls X/Y, XY448–XY464</b>
	<b>NH10.4/BG2.18/GM4.4/SSS1.12</b> , Mitigating against natural hazards: Biological contribution to sustainable soil bioengineering in a changing world (co-organized), <b>Halls X/Y, XY513–XY523</b>
	<b>PS2.7</b> , Terrestrial and Extraterrestrial Impact Cratering (co-listed), <b>Hall Z, Z14–Z30</b>
	<b>SSS5.6</b> , Digital soil mapping: novel approaches (including geophysical measurements, micromorphology) to the prediction of key soil properties for modelling physical processes (co-listed), <b>Hall Z, Z112–Z137</b>

### Tuesday, 05 April

<b>TU5</b> , 17:30–19:00	<b>CL4.12</b> , Advances in Quaternary Geochronology (co-listed), <b>Halls X/Y, XY365–XY378</b>
	<b>GM2.5</b> , Simplicity and complexity in evolution of coupled geomorphologic systems: concepts, models and applications, <b>Hall A, A106–A125</b>
	<b>GM7.4</b> , River and slope responses to climate change in steep landscapes, <b>Hall A, A126–A135</b>
	<b>GM8.4/OS3.6/SSP1.6/TS4.7</b> , Seafloor Expression of Tectonic and Geomorphic Processes (co-organized), <b>Hall A, A136–A144</b>
	<b>GM9.1</b> , Cold regions geomorphology, <b>Hall A, A145–A155</b>
	<b>GM9.2</b> , Glacial landforms and palaeoclimatic interpretation, <b>Hall A, A156–A166</b>
	<b>GMPV11</b> , New methods and concepts in volcanic geomorphology (co-listed), <b>Halls X/Y, XY423–XY434</b>
	<b>NH7.2/AS4.14/BG2.17</b> , Fire in the Earth System: Impacts and Feedbacks (co-listed), <b>Halls X/Y, XY574–XY583</b>
	<b>SM1.4/EG12/G6.5/GD2.10/GM5.8/TS4.8</b> , TOPOEUROPE, The Evolving Topography of Europe (co-organized), <b>Halls X/Y, XY725–XY757</b>
	<b>SSS2.3/GM3.7/HS12.11</b> , Practical application of geomorphology, hydrology and erosion research in agricultural and forest areas. Discovering and implementing frameworks for translating research into sustainable management (co-organized), <b>Hall Z, Z36–Z47</b>
	<b>TS6.8/GD5.8/GM5.9</b> , Pamir: a natural laboratory to understand intra-continental subduction. (co-organized), <b>Hall XL, XL333–XL352</b>

### Wednesday, 06 April

<b>WE4</b> , 15:30–17:00	<b>HS2.11/NH1.14</b> , Hydrological extremes: from droughts to floods (co-listed), <b>Hall A, A204–A243</b>
	<b>HS2.20</b> , Floodplain processes and inundation modelling (co-listed), <b>Hall A, A256–A267</b>
	<b>HS10.1/GM8.1</b> , Coasts, Estuaries and Deltas (co-organized), <b>Hall A, A391–A419</b>
<b>WE5</b> , 17:30–19:00	<b>GI-14</b> , GMES Sentinel Satellites: New Possibilities for Science (co-listed), <b>Hall A, A105–A111</b>
	<b>GM4.1</b> , Critical Zone Processes across Environmental Gradients, <b>Hall A, A112–A128</b>
	<b>GM4.2/GMPV52/HS12.2/SSS2.15</b> , Erosion and Terrestrial Carbon Cycling (co-organized), <b>Hall A, A129–A143</b>
	<b>GM4.3</b> , Process geomorphology and ecosystems – disturbance regimes and interactions, <b>Hall A, A144–A155</b>
	<b>NH5.4</b> , Coastal flooding and erosion risk: present and future (co-listed), <b>Halls X/Y, XY357–XY368</b>
	<b>NP2.3/AS4.20/CL4.6/GM2.7/HS12.9</b> , Modelling and Understanding Geophysical Systems as Complex Networks (co-organized), <b>Halls X/Y, XY435–XY446</b>

### Thursday, 07 April

<b>TH5</b> , 17:30–19:00	<b>ESSI8</b> , Uncertainty in Environmental Data and Models (co-listed), <b>Hall XL, XL199–XL215</b>
	<b>GM1.2/SSP3.7</b> , Teleconnections: Far-field links in sedimentary source-to-sink systems (GSL/GSA Session) (co-organized), <b>Hall A, A110–A115</b>
	<b>GM6.1</b> , The geomorphic significance of mass wasting processes, <b>Hall A, A116–A129</b>
	<b>GM6.6</b> , The changing geomorphic effectiveness of hydrologic events, <b>Hall A, A130–A148</b>
	<b>GM7.6/HS12.5</b> , Sedimentary source-to-sink fluxes and sediment budgets (co-organized), <b>Hall A, A149–A159</b>
	<b>HS2.14/NH3.13</b> , Landslide hydrology: from hillslope hydrology to landslide understanding (co-listed), <b>Hall A, A247–A273</b>
	<b>HS9.3</b> , Sediment transport monitoring and modeling in rivers (co-listed), <b>Hall A, A398–A410</b>
	<b>PS10.0/GMPV28</b> , Volcanism and Tectonics in the Solar System (co-listed), <b>Hall Z, Z114–Z124</b>
	<b>SSS1.7</b> , Badlands and badlands processes in relation to regolith, soil, biodiversity and human pressure (co-listed), <b>Halls X/Y, XY733–XY748</b>
	<b>TS4.2/GD2.7/GM7.7/HS12.15/SSP3.2</b> , From Source to Sink: Quantification of mass transfer from mountain ranges to active sedimentary basins (co-organized), <b>Hall XL, XL335–XL347</b>

### Friday, 08 April

<b>FR1</b> , 08:30–10:00	<b>GM2.2/NH10.3/PS10.2</b> , Digital Landscapes: From Laser Scanning and High-resolution Measurement Technologies to Quantitative Interrogation of Geomorphic Processes (co-organized), <b>Hall A, A94–A132</b>
<b>FR2</b> , 10:30–12:00	<b>GM7.1/HS12.3</b> , Interactions of hydraulics, sediment transport and channel morphology (co-organized), <b>Hall A, A133–A153</b>
	<b>HS9.4/GM7.5</b> , Transfer and storage of sediment and associated substances in river basins: : budgets, pathways, transit times, and ecological feedbacks (co-organized), <b>Hall A, A330–A353</b>

	<b>HS10.2/OS2.3</b> , Lakes and inland seas (co-listed), <b>Hall A, A355–A370</b>
<b>FR3</b> , 13:30–15:00	<b>HS9.2/GM3.4/SSS2.10</b> , Erosion and sediment delivery in agricultural landscapes: monitoring, modelling and management (co-organized), <b>Hall A, A317–A329</b>
<b>FR4</b> , 15:30–17:00	<b>NH3.10/GM6.2</b> , Rock mechanics and structural controls on hillslope processes (co-organized), <b>Halls X/Y, XY221–XY233</b>
	<b>SSS2.2/EMRP15/GM10.2/PS7.0</b> , Modeling the Experiment, Experimenting the Models (co-listed), <b>Hall Z, Z58–Z84</b>