

GM – Geomorphology (#EGU17GM) – Orals

Monday, 24 April

MO1 , 08:30–10:00	GM12.6 , Coastal zone geomorphologic interactions: natural versus human-induced driving factors, 08:30–10:00, Room N1
	TS1.4/GM2.5 , New geochronological approaches for quantification of geological processes (co-organized), 08:30–12:00, Room 0.31
	SSS2.5/GM4.6/HS9.10/NH9.25 , Connectivity in hydrology and sediment dynamics: concepts, measuring, modelling, indices and societal implications (co-organized), 08:30–15:15, Room K2
	NH3.7/GM8.5/SSS2.24 , Mechanics of Mass Flows (co-organized), 08:30–10:00, Room M2
	HS8.1.7/ERE5.10/GM8.10/GMPV3.7 , Reactive transport, mineral dissolution and precipitation in fractured and porous rock: experiments, models and field observations (co-organized), 08:30–12:00, Room 2.15
MO2 , 10:30–12:00	GM12.4/NH8.10 , Integrating short term (years) to long term (millennial) rock coast evolution (co-organized), 10:30–12:00, Room N1
	TS1.4/GM2.5 , New geochronological approaches for quantification of geological processes (co-organized), 08:30–12:00, Room 0.31
	SSS2.5/GM4.6/HS9.10/NH9.25 , Connectivity in hydrology and sediment dynamics: concepts, measuring, modelling, indices and societal implications (co-organized), 08:30–15:15, Room K2
	HS8.1.7/ERE5.10/GM8.10/GMPV3.7 , Reactive transport, mineral dissolution and precipitation in fractured and porous rock: experiments, models and field observations (co-organized), 08:30–12:00, Room 2.15
	HS4.1/AS4.35/GM9.11/NH1.10 , Flash floods and associated hydro-geomorphic processes: observation, modelling and warning (co-organized), 10:30–12:00, Room 2.31
	G3.1/CL5.14/CR6.10/GD3.4/GM10.6/NH8.3/OS1.17 , How much does glacial isostatic adjustment contribute to earth system modelling? (co-organized), 10:30–12:00, Room 1.61
MOL , 12:15–13:15	UMI0 , Plenary, 12:15–13:15, Room E1
MO3 , 13:30–15:00	GM1.5/CR2.6/GI3.14/NH4.10/SM4.7 , Environmental Seismology: Deciphering Earth's surface processes with seismic methods (co-organized), 13:30–15:00, Room N1
	GM12.2/ERE1.9/SSP1.6/TS6.7 , Extended Continental Shelf Mapping: a wealth of new scientific challenges (co-organized), 13:30–17:00, Room L3
	SSS2.5/GM4.6/HS9.10/NH9.25 , Connectivity in hydrology and sediment dynamics: concepts, measuring, modelling, indices and societal implications (co-organized), 08:30–15:15, Room K2
MO4 , 15:30–17:00	GM1.6/BG9.38/HS11.11/NH8.8/TS4.7 , Perturbation of earth surface systems by rare events (co-organized), 15:30–17:00, Room N1
	GM12.2/ERE1.9/SSP1.6/TS6.7 , Extended Continental Shelf Mapping: a wealth of new scientific challenges (co-organized), 13:30–17:00, Room L3

Tuesday, 25 April

TU1 , 08:30–10:00	GM1.4/PS9.5 , Planetary Geomorphology (co-organized), 08:30–10:00, Room 1.85
	HS9.1/GM4.9/SSS12.22 , Measuring and numerical modelling of hydro-morphological processes in open-water environments (co-organized), 08:30–12:00, Room C
	HS10.7/BG9.51/GM9.7 , Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), 08:30–12:00, Room 2.15
TU2 , 10:30–12:00	GM1.1/EOS20/CL5.18/SSS13.1 , Beyond the case study: Concepts in Earth Sciences (co-organized), 10:30–12:00, Room L1
	GM11.1/SSS2.33 , Aeolian Processes and Landforms (co-organized), 10:30–12:00, Room 1.85
	SSS12.2/GM1.9/HS11.63 , Experiments in Earth Surface Processes - From understanding to quantification (co-org.), 10:30–12:15, Room -2.32
	HS9.1/GM4.9/SSS12.22 , Measuring and numerical modelling of hydro-morphological processes in open-water environments (co-organized), 08:30–12:00, Room C
	HS10.7/BG9.51/GM9.7 , Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), 08:30–12:00, Room 2.15
TU3 , 13:30–15:00	GM6.4/CL1.16/SSS3.10 , Palaeoenvironmental evolution, connectivity and geomorphological dynamics in dryland areas: New approaches, challenges, pros and cons (co-organized), 13:30–15:15, Room L1
	GM12.5 , Coastal morphodynamics: nearshore, beach and dunes, 13:30–17:00, Room 1.85
TU4 , 15:30–17:00	GM12.5 , Coastal morphodynamics: nearshore, beach and dunes, 13:30–17:00, Room 1.85
TU5 , 17:30–19:00	SC22/GM13.2 , High resolution measurement of morphodynamics: Transitioning from methodological application to geomorphological insight (co-organized), 17:30–20:00, Room 1.85
TU6 , 19:00–20:00	SC22/GM13.2 , High resolution measurement of morphodynamics: Transitioning from methodological application to geomorphological insight (co-organized), 17:30–20:00, Room 1.85

Wednesday, 26 April

WE1 , 08:30–10:00	GM1.3/EOS19/SSS3.12 , Geodiversity and Geoheritage (co-organized), 08:30–12:00, Room N1
	NH5.3/GM12.8/OS5.8/SSP3.14 , Geological records of extreme wave events (co-organized), 08:30–12:00, Room L8
WE2 , 10:30–12:00	GM1.3/EOS19/SSS3.12 , Geodiversity and Geoheritage (co-organized), 08:30–12:00, Room N1
	SSS12.11/GM3.7 , Learning from spatial data: unveiling the geo-environment through quantitative approaches (co-organized), 10:30–12:15, Room -2.47
	HS9.8/GM9.8 , Experimental and numerical investigation of river confluence hydrodynamics and morphodynamics (co-organized), 10:30–12:00, Room 2.44
	HS10.1/GM12.7/OS2.4 , Estuarine processes (co-organized), 10:30–12:00, Room 2.15

	NH5.3/GM12.8/OS5.8/SSP3.14 , Geological records of extreme wave events (co-organized), 08:30–12:00, Room L8
WEL , 12:15–13:15	ML39/LRS5/GM , GM Division Outstanding ECS Award Lecture & Penck Lecture by Dirk Scherler (co-organized), 12:15–13:15, Room N1
WE3 , 13:30–15:00	GM7.3/CL1.09/SSS3.11 , Geoarchaeology: Human impact, adaptation and response to climatic and environmental change from the past to the present (co-organized), 13:30–17:00, Room L3
	GM13.1/SC1 , Short course in geomorphometry: Getting the most out of DEMs of Difference (co-organized), 13:30–15:00, Room N1
	HS9.7/GM4.7 , Investigation of sediment transport processes due to geophysical flows (co-organized), 13:30–17:00, Room 2.44
WE4 , 15:30–17:00	GM3.3/SSS3.13/TS4.6 , Modelling Earth surface processes and geomorphic flows: methods and validation (co-organized), 15:30–17:00, Room N1
	GM7.3/CL1.09/SSS3.11 , Geoarchaeology: Human impact, adaptation and response to climatic and environmental change from the past to the present (co-organized), 13:30–17:00, Room L3
	CL5.03/GM2.3 , Advances in Quaternary Geochronology (co-organized), 15:30–17:00, Room F2
	HS9.7/GM4.7 , Investigation of sediment transport processes due to geophysical flows (co-organized), 13:30–17:00, Room 2.44
	CR1.3/GM10.4 , Reconstructing paleo ice dynamics: Comparing and combining field-based evidence and numerical modeling (co-organized), 15:30–17:00, Room -2.32
WE5 , 17:30–19:00	SC21/GM13.3 , Meet the Master (co-organized), 17:30–19:00, Room 1.85
Thursday, 27 April	
TH1 , 08:30–10:00	GM6.1/CL4.12/TS4.5 , Geomorphic and tectonic response to climate variability at different temporal and spatial scales: insights from surface processes and continental archives (co-organized), 08:30–10:00, Room L3
	GM10.2/CR4.4 , Cold regions geomorphology (co-organized), 08:30–12:00, Room N1
	TS4.2/GM5.4/SSP3.8 , Sedimentary basins: from deep to surface processes (co-sponsored by the ILP Task Force VI Sedimentary Basins) (co-organized), 08:30–10:00, Room D3
	SC8/GM13.5/SSS13.7 , Modelling soilscape development (co-organized), 08:30–10:00, Room -2.16
TH2 , 10:30–12:00	GM6.2/BG9.43/SSS9.36 , Biogeomorphology: conceptualising and quantifying processes, rates and feedbacks (co-organized), 10:30–12:00, Room L3
	GM10.2/CR4.4 , Cold regions geomorphology (co-organized), 08:30–12:00, Room N1
	TS4.1/GM5.2 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 10:30–17:00, Room D3
THL , 12:15–13:15	DM11/GM , Division meeting for Geomorphology (GM) (co-organized), 12:15–13:15, Room N1
TH3 , 13:30–15:00	GM3.2/GI2.12/GMPV6.4/HS11.13/NH8.9/SSS12.24 , High Resolution Topography in the Geosciences: Methods and Applications (co-organized), 13:30–17:00, Room L3
	GM10.1/CL1.33/CR4.8 , The Legacy of Mountain Glaciations – Glacial landforms and their palaeoclimatic interpretation (co-organized), 13:30–15:00, Room N1

	GI3.9/BG9.22/CR2.5/ESSI1.11/GM3.8 , Close-Range Sensing of Environment and 3D Point Clouds in Geosciences (co-organized), 13:30–15:00, Room 0.96
	TS4.1/GM5.2 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 10:30–17:00, Room D3
TH4 , 15:30–17:00	GM2.1/CL5.02/SSS12.23 , Advances in the use of cosmogenic nuclides and the quantification of landscape evolution (co-organized), 15:30–17:00, Room N1
	GM3.2/GI2.12/GMPV6.4/HS11.13/NH8.9/SSS12.24 , High Resolution Topography in the Geosciences: Methods and Applications (co-organized), 13:30–17:00, Room L3
	TS4.1/GM5.2 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), 10:30–17:00, Room D3
	SSS9.8/BG9.8/GM6.5/NH9.26 , Coevolution of soils, landforms and vegetation: patterns, feedbacks and ecosystem stability thresholds (co-organized), 15:30–17:15, Room K2
TH5 , 17:30–19:00	ML25/GM , Ralph Alger Bagnold Medal Lecture by Ellen Wohl (including reception) (co-organized), 18:00–20:00, Room L3
TH6 , 19:00–20:00	ML25/GM , Ralph Alger Bagnold Medal Lecture by Ellen Wohl (including reception) (co-organized), 18:00–20:00, Room L3
Friday, 28 April	
FR1 , 08:30–10:00	GM4.2/HS11.14/NH3.16/SSS9.35 , Erosion and Sedimentation in Mountain Landscapes (co-organized), 08:30–12:00, Room L3
	GM9.1/HS11.18/SSP3.5 , Fluvial Geomorphology Across Scales (co-organized), 08:30–12:00, Room N1
	SSS9.7/CL5.21/GM7.8/HS11.55 , Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), 08:30–15:15, Room K2
FR2 , 10:30–12:00	GM4.2/HS11.14/NH3.16/SSS9.35 , Erosion and Sedimentation in Mountain Landscapes (co-organized), 08:30–12:00, Room L3
	GM9.1/HS11.18/SSP3.5 , Fluvial Geomorphology Across Scales (co-organized), 08:30–12:00, Room N1
	SSS9.7/CL5.21/GM7.8/HS11.55 , Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), 08:30–15:15, Room K2
FRL , 12:15–13:15	ML1/GM/SSS , Alexander von Humboldt Medal Lecture by Johan Bouma (co-organized), 12:15–13:15, Room E1
FR3 , 13:30–15:00	GM4.1/BG9.35/GMPV2.12/SSS2.34 , Coupling chemical weathering and physical erosion: Insights from geomorphic and geochemical studies (co-organized), 13:30–15:00, Room L3
	GM9.5/BG9.50/HS11.22/SSS2.28 , Interactions of geomorphology, dams and flood hazard (co-organized), 13:30–15:00, Room N1
	SSS9.7/CL5.21/GM7.8/HS11.55 , Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), 08:30–15:15, Room K2
	SSP3.13/GM9.10/HS11.41 , Sedimentological aspects of supercritical flows: Upper flow-regime structures, bedforms and fluid mechanics (co-organized), 13:30–14:45, Room 1.85
	CR4.1/GM10.5 , Permafrost Open Session (co-organized), 13:30–17:00, Room -2.32

FR4, 15:30–17:00	GM4.3/HS11.15/NH8.12/SSS2.30 , Hillslope and fluvial denudation, source-to-sink fluxes and sedimentary budgets under changing climate and other perturbations (co-organized), 15:30–17:00, Room L3
	GM7.2/ERE2.4/HS11.17/OS2.6 , Sustainable management of river deltas under pressure (co-organized), 15:30–17:00, Room N1
	NH3.11/GM8.4/SSS2.25 , Rockfalls, rockslides and rock avalanches (co-organized), 15:30–17:00, Room L7
	CR4.1/GM10.5 , Permafrost Open Session (co-organized), 13:30–17:00, Room -2.32

GM – Geomorphology (#EGU17GM) – PICOs

Monday, 24 April

MO4, 15:30–17:00 **TS8.1/G6.3/GI2.14/GM3.6/SSP1.4.**, Digital mapping and 3D visualization approaches in the Earth Sciences (co-organized), **PICO spot 5a**

Tuesday, 25 April

TU1, 08:30–10:00 **IE3.6/GM1.8/AS4.50/BG9.65/CL5.26/HS11.23/SSS11.11**, R's deliberate role in Earth sciences (co-organized), **PICO spot A**

TU3, 13:30–15:00 **CL4.01/AS3.4/GM11.2**, Aeolian dust: Initiator, Player, and Recorder of Environmental Change (co-organized), **PICO spot 5a**

TU4, 15:30–17:00 **CL4.01/AS3.4/GM11.2**, Aeolian dust: Initiator, Player, and Recorder of Environmental Change (co-organized), **PICO spot 5a**

Thursday, 27 April

TH3, 13:30–15:00 **SSS2.16/GM7.7/HS11.50**, Agricultural terraces of the world. Their pedological, geomorphological and hydrological role (co-organized), **PICO spot 5b**

TH4, 15:30–17:00 **GM4.5/SSP3.2**, Unifying understanding of bedforms across environments (co-organized), **PICO spot 1**

Friday, 28 April

FR1, 08:30–10:00 **SSS6.7/BG9.29/GM8.9**, Lateral transport of soil organic carbon: the role of erosion/deposition, land use changes, forest fires and other disturbances (co-organized), **PICO spot 5b**

FR2, 10:30–12:00 **GM3.1/GI3.17/NH4.11**, Frontiers in Geomorphometry and Earth Surface Dynamics: Possibilities, Limitations and Perspectives (co-organized), **PICO spot 5b**

FR3, 13:30–15:00 **SSS12.6/GI2.13/GM3.9**, Unmanned Aerial Systems: Platforms, Sensors and Applications in Soil, Agriculture and Geosciences (co-organized), **PICO spot 5b**

FR4, 15:30–17:00 **GM6.3/BG9.37/HS11.16**, Vegetated rivers: relationships between riparian vegetation, instream wood and fluvial processes, hazards and management. (co-organized), **PICO spot 5b**

GM – Geomorphology (#EGU17GM) – Posters

Monday, 24 April

MO2 , 10:30–12:00	GM12.2/ERE1.9/SSP1.6/TS6.7 , Extended Continental Shelf Mapping: a wealth of new scientific challenges (co-organized), Hall X2, X2.88–X2.115
MO5 , 17:30–19:00	GM1.5/CR2.6/GI3.14/NH4.10/SM4.7 , Environmental Seismology: Deciphering Earth's surface processes with seismic methods (co-organized), Hall X2, X2.54–X2.71
	GM1.6/BG9.38/HS11.11/NH8.8/TS4.7 , Perturbation of earth surface systems by rare events (co-organized), Hall X2, X2.72–X2.87
	GM12.4/NH8.10 , Integrating short term (years) to long term (millennial) rock coast evolution (co-organized), Hall X2, X2.117–X2.133
	GM12.6 , Coastal zone geomorphologic interactions: natural versus human-induced driving factors, Hall X2, X2.134–X2.151
	TS1.4/GM2.5 , New geochronological approaches for quantification of geological processes (co-organized), Hall X2, X2.152–X2.165
	SSS2.5/GM4.6/HS9.10/NH9.25 , Connectivity in hydrology and sediment dynamics: concepts, measuring, modelling, indices and societal implications (co-organized), Hall X1, X1.114–X1.148
	NH3.7/GM8.5/SSS2.24 , Mechanics of Mass Flows (co-organized), Hall X4, X4.326–X4.334
	HS8.1.7/ERE5.10/GM8.10/GMPV3.7 , Reactive transport, mineral dissolution and precipitation in fractured and porous rock: experiments, models and field observations (co-organized), Hall A, A.376–A.394
	HS4.1/AS4.35/GM9.11/NH1.10 , Flash floods and associated hydro-geomorphic processes: observation, modelling and warning (co-organized), Hall A, A.240–A.260
G3.1/CL5.14/CR6.10/GD3.4/GM10.6/NH8.3/OS1.17 , How much does glacial isostatic adjustment contribute to earth system modelling? (co-organized), Hall X3, X3.125–X3.141	

Tuesday, 25 April

TU5 , 17:30–19:00	GM1.1/EOS20/CL5.18/SSS13.1 , Beyond the case study: Concepts in Earth Sciences (co-organized), Hall X2, X2.1–X2.14
	GM1.4/PS9.5 , Planetary Geomorphology (co-organized), Hall X2, X2.15–X2.30
	GM6.4/CL1.16/SSS3.10 , Palaeoenvironmental evolution, connectivity and geomorphological dynamics in dryland areas: New approaches, challenges, pros and cons (co-organized), Hall X2, X2.31–X2.49
	GM11.1/SSS2.33 , Aeolian Processes and Landforms (co-organized), Hall X2, X2.50–X2.63
	GM12.5 , Coastal morphodynamics: nearshore, beach and dunes, Hall X2, X2.64–X2.89
	SSS12.2/GM1.9/HS11.63 , Experiments in Earth Surface Processes - From understanding to quantification (co-organized), Hall X1, X1.301–X1.317
	HS9.1/GM4.9/SSS12.22 , Measuring and numerical modelling of hydro-morphological processes in open-water environments (co-organized), Hall A, A.273–A.301
	HS10.7/BG9.51/GM9.7 , Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), Hall A, A.313–A.334

Wednesday, 26 April

WE5, 17:30–19:00	GM1.3/EOS19/SSS3.12 , Geodiversity and Geoheritage (co-organized), Hall X2, X2.67–X2.94
	GM3.2/GI2.12/GMPV6.4/HS11.13/NH8.9/SSS12.24 , High Resolution Topography in the Geosciences: Methods and Applications (co-organized), Hall X2, X2.95–X2.122
	GM3.3/SSS3.13/TS4.6 , Modelling Earth surface processes and geomorphic flows: methods and validation (co-organized), Hall X2, X2.123–X2.147
	GM7.3/CL1.09/SSS3.11 , Geoarchaeology: Human impact, adaptation and response to climatic and environmental change from the past to the present (co-organized), Hall X2, X2.148–X2.182
	CL5.03/GM2.3 , Advances in Quaternary Geochronology (co-organized), Hall X5, X5.224–X5.243
	SSS12.11/GM3.7 , Learning from spatial data: unveiling the geo-environment through quantitative approaches (co-organized), Hall X1, X1.213–X1.231
	TS8.4/GD8.6/GM3.10 , Learning from failed models and negative results (Posters only) (co-organized), Hall X2, X2.328–X2.340
	HS9.7/GM4.7 , Investigation of sediment transport processes due to geophysical flows (co-organized), Hall A, A.273–A.304
	HS9.8/GM9.8 , Experimental and numerical investigation of river confluence hydrodynamics and morphodynamics (co-organized), Hall A, A.305–A.320
	CR1.3/GM10.4 , Reconstructing paleo ice dynamics: Comparing and combining field-based evidence and numerical modeling (co-organized), Hall X4, X4.28–X4.45
	HS10.1/GM12.7/OS2.4 , Estuarine processes (co-organized), Hall A, A.321–A.336
NH5.3/GM12.8/OS5.8/SSP3.14 , Geological records of extreme wave events (co-organized), Hall X3, X3.161–X3.177	

Thursday, 27 April

TH5, 17:30–19:00	GM2.1/CL5.02/SSS12.23 , Advances in the use of cosmogenic nuclides and the quantification of landscape evolution (co-organized), Hall X2, X2.59–X2.73
	GM10.1/CL1.33/CR4.8 , The Legacy of Mountain Glaciations – Glacial landforms and their palaeoclimatic interpretation (co-organized), Hall X2, X2.74–X2.92
	GM10.2/CR4.4 , Cold regions geomorphology (co-organized), Hall X2, X2.93–X2.114
	GI3.9/BG9.22/CR2.5/ESSI1.11/GM3.8 , Close-Range Sensing of Environment and 3D Point Clouds in Geosciences (co-organized), Hall X4, X4.300–X4.315
	TS4.1/GM5.2 , Interactions between tectonics and surface processes from mountain belts to basins (co-organized), Hall X2, X2.238–X2.288
	TS4.2/GM5.4/SSP3.8 , Sedimentary basins: from deep to surface processes (co-sponsored by the ILP Task Force VI Sedimentary Basins) (co-organized), Hall X2, X2.289–X2.310
	SSS9.8/BG9.8/GM6.5/NH9.26 , Coevolution of soils, landforms and vegetation: patterns, feedbacks and ecosystem stability thresholds (co-organized), Hall X1, X1.284–X1.297

Friday, 28 April

FR2 , 10:30–12:00	CR4.10/GM10.3 , Subglacial landform genesis and (palaeo) glaciological significance (co-organized), Hall X5, X5.485–X5.499
	CR4.1/GM10.5 , Permafrost Open Session (co-organized), Hall X5, X5.441–X5.454
FR5 , 17:30–19:00	GM4.1/BG9.35/GMPV2.12/SSS2.34 , Coupling chemical weathering and physical erosion: Insights from geomorphic and geochemical studies (co-organized), Hall X2, X2.55–X2.70
	GM4.2/HS11.14/NH3.16/SSS9.35 , Erosion and Sedimentation in Mountain Landscapes (co-organized), Hall X2, X2.71–X2.101
	GM4.3/HS11.15/NH8.12/SSS2.30 , Hillslope and fluvial denudation, source-to-sink fluxes and sedimentary budgets under changing climate and other perturbations (co-organized), Hall X2, X2.117–X2.135
	GM6.1/CL4.12/TS4.5 , Geomorphic and tectonic response to climate variability at different temporal and spatial scales: insights from surface processes and continental archives (co-organized), Hall X2, X2.136–X2.150
	GM6.2/BG9.43/SSS9.36 , Biogeomorphology: conceptualising and quantifying processes, rates and feedbacks (co-organized), Hall X2, X2.151–X2.169
	GM7.2/ERE2.4/HS11.17/OS2.6 , Sustainable management of river deltas under pressure (co-organized), Hall X2, X2.170–X2.188
	GM9.1/HS11.18/SSP3.5 , Fluvial Geomorphology Across Scales (co-organized), Hall X2, X2.189–X2.210
	GM9.5/BG9.50/HS11.22/SSS2.28 , Interactions of geomorphology, dams and flood hazard (co-organized), Hall X2, X2.211–X2.225
	SSS9.7/CL5.21/GM7.8/HS11.55 , Soil Erosion, Land Use and Climate Change: mapping, measuring, modelling, and societal challenges (co-organized), Hall X1, X1.179–X1.211
	NH3.11/GM8.4/SSS2.25 , Rockfalls, rockslides and rock avalanches (co-organized), Hall X3, X3.190–X3.209
	SSP3.13/GM9.10/HS11.41 , Sedimentological aspects of supercritical flows: Upper flow-regime structures, bedforms and fluid mechanics (co-organized), Hall X2, X2.21–X2.34