HS – Hydrological Sciences (#EGU17HS) – Orals

Monday, 24 April	
MO1, 08:30–10:00	**HS2.2.1**, Mountains and snow: Monitoring and modeling of snow, **08:30–12:00**, **Room C**
	HS2.4.1, Hydrological change: Regional hydrological behaviour under transient climate and land use conditions, **08:30–12:00**, **Room 2.95**
	HS5.3, Advances in socio-hydrology, **08:30–12:00**, **Room 2.44**
	HS6.4, Remote sensing of soil moisture, **08:30–15:00**, **Room B**
	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**
	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**
MO2, 10:30–12:00	**HS2.2.1**, Mountains and snow: Monitoring and modeling of snow, **08:30–12:00**, **Room C**
	HS2.4.1, Hydrological change: Regional hydrological behaviour under transient climate and land use conditions, **08:30–12:00**, **Room 2.95**
	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**
	HS5.3, Advances in socio-hydrology, **08:30–12:00**, **Room 2.44**
	HS6.4, Remote sensing of soil moisture, **08:30–15:00**, **Room B**
	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**
	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**
MOL, 12:15–13:15	**UMI0**, Plenary, **12:15–13:15**, **Room E1**
MO3, 13:30–15:00	**HS1.2**, Hydrology, society and environmental change, **13:30–17:00**, **Room C**
	HS2.1.2, On the interaction of models and hydrological knowledge: the battle of reducing uncertainty and increasing realism, **13:30–15:00**, **Room 2.44**
	HS5.2, Water resources - assessment, management, and allocation - in (semi-)arid regions, **13:30–15:00**, **Room 2.95**
	HS6.4, Remote sensing of soil moisture, **08:30–15:00**, **Room B**
	HS8.2.2, Fissured and karstified aquifers, **13:30–17:00**, **Room 2.15**
	HS9.6, Quantifying erosion, sediment and contaminant redistribution in river basins, **13:30–17:00**, **Room 2.31**
	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**

	G3.2/CR2.4/HS11.8/OS4.12, Fluid signatures in the hydrosphere, ocean and cryosphere from space geodesy and Earth rotation monitoring (co-organized), **13:30–17:00**, **Room 1.61**
	SC24/HS12.2, How to get your hydrology paper published – dealing with editors, reviews and revisions (co-organized), **13:30–15:00**, **Room -2.16**
MO4, 15:30–17:00	**HS1.2**, Hydrology, society and environmental change, **13:30–17:00**, **Room C**
	HS1.3, Hydrologic Dynamics, Analytics and Predictability: Physical and Data-based Approaches for Improving Hydrologic Understanding and Prediction, **15:30–17:00**, **Room B**
	HS2.1.6, Measuring and modelling surface water – groundwater interactions, **15:30–17:00**, **Room 2.44**
	HS5.9/CL2.17/CR6.9/NH1.9, Water infrastructure risks under climate variability and change: role of data analysis, operating approaches, hydro-meteorological and multi-sectoral forecasts (co-organized), **15:30–17:00**, **Room 2.95**
	HS8.2.2, Fissured and karstified aquifers, **13:30–17:00**, **Room 2.15**
	HS9.6, Quantifying erosion, sediment and contaminant redistribution in river basins, **13:30–17:00**, **Room 2.31**
	G3.2/CR2.4/HS11.8/OS4.12, Fluid signatures in the hydrosphere, ocean and cryosphere from space geodesy and Earth rotation monitoring (co-organized), **13:30–17:00**, **Room 1.61**
	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**
	NH1.5/AS4.37/CL4.19/HS11.27/SM10.9/SSS10.16, Hazard Risk Management of Agroecosystems and Induced Human Migration (co-organized), **15:30–17:15**, **Room L6**
	SSS9.20/BG9.62/HS11.57, Water repellency of soil, biological and manmade materials: origin, assessment and implications (co-organized), **15:30–17:15**, **Room K2**
	SC86/HS12.7, Using R in hydrology (co-organized), **15:30–17:00**, **Room -2.31**
Tuesday, 25 April	
TU1, 08:30–10:00	**HS5.4**, Water Resources Management and Policy in a Changing World, **08:30–12:00**, **Room B**
	HS6.3, Water Level, Storage, floods and Discharge from Remote Sensing and Assimilation in Hydrodynamic Models, **08:30–12:00**, **Room 2.44**
	HS8.1.6, Fluid dynamics, solute transport and biogeochemical reactions in porous media – new advances towards mechanistic understanding, **08:30–10:00**, **Room 2.95**
	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**
	SSS2.22/HS9.12/NH9.24, Advances and gaps in understanding, predicting and preventing hydrological and erosional risks in fire-affected watersheds. (co-organized), **08:30–12:15**, **Room K2**
	CL4.08/HS11.5, Understanding past, present and future changes in the hydrological cycle (co-organized), **08:30–10:00**, **Room 0.14**

	SSS1.6/AS4.51/BG9.13/CL3.06/HS11.43/NH9.22, European Environmental Policies and Sustainability (co-organized), **08:30–10:15**, **Room -2.20**
TU2, 10:30–12:00	**HS5.4**, Water Resources Management and Policy in a Changing World, **08:30–12:00**, **Room B**
	HS6.3, Water Level, Storage, floods and Discharge from Remote Sensing and Assimilation in Hydrodynamic Models, **08:30–12:00**, **Room 2.44**
	HS8.1.4, Subsurface flow and solute transport: Concepts, modelling, observations and applications of dispersion, mixing and reactive transport in heterogeneous media., **10:30–12:00**, **Room 2.95**
	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**
	SSS2.22/HS9.12/NH9.24, Advances and gaps in understanding, predicting and preventing hydrological and erosional risks in fire-affected watersheds. (co-organized), **08:30–12:15**, **Room K2**
	SSS12.2/GM1.9/HS11.63, Experiments in Earth Surface Processes - From understanding to quantification (co-org.), **10:30–12:15**, **Room -2.32**
	SC73/HS12.6, Opinion papers in hydrology: Why and how (co-organized), **10:30–12:00**, **Room -2.31**
TU3, 13:30–15:00	**HS2.1.4**, Catchment Organisation, Similarity, and Evolution, **13:30–17:00**, **Room C**
	HS2.4.4, Water, droughts, and biosphere-atmosphere interactions under climate change and variability, **13:30–17:00**, **Room 2.15**
	HS5.8/ERE3.8, Hydropower and other renewable sources of energy for a sustainable future: modelling and management issues (co-organized), **13:30–15:00**, **Room 2.44**
	HS6.2, The Third Pole Environment - hydrometeorological processes and ancient human activity, **13:30–17:00**, **Room B**
	HS8.2.6, Modern challenges of stochastic groundwater hydrology: from pore to field scale, **13:30–15:00**, **Room 2.95**
	ML41/HS, HS Division Outstanding ECS Award Lecture by Anne F. van Loon (co-organized), **13:30–14:00**, **Room C**
	SSS12.5/HS7.10, Rainfall simulators as a tool in Soil Science, Geomorphology and Hydrology research and teaching (co-organized), **13:30–15:15**, **Room -2.21**
	SSS7.6/HS8.3.11, Soil water Infiltration. Measurements, assessment and modeling (co-organized), **13:30–17:15**, **Room K2**
TU4, 15:30–17:00	**HS2.1.4**, Catchment Organisation, Similarity, and Evolution, **13:30–17:00**, **Room C**
	HS2.4.4, Water, droughts, and biosphere-atmosphere interactions under climate change and variability, **13:30–17:00**, **Room 2.15**
	HS6.2, The Third Pole Environment - hydrometeorological processes and ancient human activity, **13:30–17:00**, **Room B**
	HS8.1.3, Model Uncertainties, Parameter Estimation, and Data Assimilation in Surface and Subsurface Hydrology, **15:30–17:00**, **Room 2.95**
	HS10.10, Groundwater - Surface Water interactions: biogeochemical and ecological processes, **15:30–17:00**, **Room 2.44**
	SSS7.6/HS8.3.11, Soil water Infiltration. Measurements, assessment and modeling (co-organized), **13:30–17:15**, **Room K2**
TU6, 19:00–20:00	**ML16/HS**, John Dalton Medal Lecture by Dani Or (co-organized), **19:00–20:00**, **Room C**

Wednesday, 26 April	
WE1, 08:30–10:00	**HS2.1.1**, Hydrological extremes: from droughts to floods, **08:30–17:00**, **Room C**
	HS5.5, Assessment and interpretation of state and trends in water quality, **08:30–10:00**, **Room 2.44**
	HS6.1, Open session on remote sensing applications in hydrology and climate studies, **08:30–10:00**, **Room 2.15**
	HS7.5/NH1.8, Hydroclimatic extremes under change: advancing the science and implementation in hazard prevention and control (co-organized), **08:30–15:00**, **Room B**
	HS8.2.7, Estimation and application of groundwater ages and mean residence times, **08:30–10:00**, **Room 2.95**
	SSS7.2/HS8.3.10, Preferential flow and mass transfers in vadose zone (co-organized), **08:30–10:10**, **Room -2.21**
WE2, 10:30–12:00	**HS2.1.1**, Hydrological extremes: from droughts to floods, **08:30–17:00**, **Room C**
	HS7.5/NH1.8, Hydroclimatic extremes under change: advancing the science and implementation in hazard prevention and control (co-organized), **08:30–15:00**, **Room B**
	HS8.2.3/ERE6.7, Thermal and mechanical processes and energy storage in porous and fractured aquifers (co-organized), **10:30–12:00**, **Room 2.95**
	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**
	SSS12.1/HS11.62, Advancing proxies in the critical zone for deciphering time-dependent processes in weathering profile and natural and anthropognenic fingerprinting of water (sponsored by European Association of Geochemistry) (co-organized), **10:30–12:15**, **Room -2.21**
WEL, 12:15–13:15	**ML2/HS**, Alfred Wegener Medal Lecture by Murugesu Sivapalan (co-organized), **12:15–13:15**, **Room E1**
WE3, 13:30–15:00	**HS2.1.1**, Hydrological extremes: from droughts to floods, **08:30–17:00**, **Room C**
	HS7.5/NH1.8, Hydroclimatic extremes under change: advancing the science and implementation in hazard prevention and control (co-organized), **08:30–15:00**, **Room B**
	HS8.2.5, Hydrogeology of coastal zones: processes, consequences and potentials, **13:30–17:00**, **Room 2.95**
	HS9.7/GM4.7, Investigation of sediment transport processes due to geophysical flows (co-organized), **13:30–17:00**, **Room 2.44**
	HS10.5, New methods, stable isotope techniques and physical principles in ecohydrology, **13:30–15:00**, **Room 2.15**
	CL1.25/AS4.26/HS2.4.5, Flood and weather extremes of the past (co-organized), **13:30–15:00**, **Room 0.96**
	CL1.01/AS4.9/CR1.12/HS7.9/OS1.13, Into the Anthropocene; Observing and interpreting the historical record of temperature and other climate indicators (co-organized), **13:30–15:00**, **Room 0.14**
	CL4.07/AS1.14/BG9.18/CR1.7/HS11.3, Mountain climates: processes, change and related impacts (co-organized), **13:30–17:00**, **Room E2**
	SSS7.8/BG9.10/HS11.53, The impact of pesticides in life, water, sediment, air and soil resources (co-organized), **13:30–17:20**, **Room -2.47**
WE4, 15:30–17:00	**HS1.4**, (Ir-)relevant scales in hydrology: Which scales matter for water resources management?, **15:30–16:45**, **Room B**

	HS2.1.1, Hydrological extremes: from droughts to floods, **08:30–17:00**, **Room C**
	HS8.2.5, Hydrogeology of coastal zones: processes, consequences and potentials, **13:30–17:00**, **Room 2.95**
	HS9.7/GM4.7, Investigation of sediment transport processes due to geophysical flows (co-organized), **13:30–17:00**, **Room 2.44**
	HS10.8, Peatland Hydrology, **15:30–17:00**, **Room 2.15**
	NH3.1/HS2.3.8, Landslide hydrology: from hydrology to pore water pressure and slope deformation (co-organized), **15:30–17:00**, **Room L6**
	CL4.07/AS1.14/BG9.18/CR1.7/HS11.3, Mountain climates: processes, change and related impacts (co-organized), **13:30–17:00**, **Room E2**
	SSS7.8/BG9.10/HS11.53, The impact of pesticides in life, water, sediment, air and soil resources (co-organized), **13:30–17:20**, **Room -2.47**
WE5, 17:30–19:00	**SC52/HS12.5**, Short course on Hydrological Forecasting (co-organized), **17:30–20:00**, **Room -2.91**
WE6, 19:00–20:00	**SC52/HS12.5**, Short course on Hydrological Forecasting (co-organized), **17:30–20:00**, **Room -2.91**
Thursday, 27 April	
TH1, 08:30–10:00	**HS2.3.1**, Innovative sensing techniques and data analysis approaches to increase hydrological process understanding, **08:30–10:00**, **Room 2.15**
	HS7.2/AS1.9/CL2.15/NH1.14/NP10.1, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **08:30–10:00**, **Room 2.95**
	HS8.2.1, Groundwater resources in a changing environment, **08:30–11:45**, **Room B**
	HS8.3.1, Vadose zone hydrology: General Session, **08:30–10:00**, **Room 2.44**
	HS10.3/BG9.4/SSS9.34, General Ecohydrology (co-organized), **08:30–12:00**, **Room C**
	NP5.3/AS1.2/HS4.8, Advances in statistical post-processing for deterministic and ensemble forecasts (co-organized), **08:30–10:00**, **Room M2**
	SSS7.7/HS8.3.14, Multi-scale structure-property relationships for porous media: how pore-scale processes can help describe flow and transport at the larger scale? (co-organized), **08:30–10:15**, **Room -2.47**
	NH1.3/HS11.25, Flood risk and uncertainty (including Plinius Medal Lecture) (co-organized), **08:30–12:00**, **Room L6**
TH2, 10:30–12:00	**HS2.3.5**, Water quality at the catchment scale: measuring and modelling of nutrients, sediment and eutrophication impacts, **10:30–12:00**, **Room 2.15**
	HS7.8, Precipitation and Urban Hydrology, **10:30–12:00**, **Room 2.95**
	HS8.1.5, Fate and transport of biocolloids and nanoparticles in soil and groundwater systems, **10:30–12:00**, **Room 2.44**
	HS8.2.1, Groundwater resources in a changing environment, **08:30–11:45**, **Room B**
	HS10.3/BG9.4/SSS9.34, General Ecohydrology (co-organized), **08:30–12:00**, **Room C**
	SSS7.3/HS8.3.8, Challenges in soil physics research (co-organized), **10:30–12:15**, **Room -2.47**
	NH1.3/HS11.25, Flood risk and uncertainty (including Plinius Medal Lecture) (co-organized), **08:30–12:00**, **Room L6**

	SSS9.4/HS11.54/NH1.20, Threats and potentials in urban and peri-urban areas: soil and water degradation, ecosystem services and risk management (co-organized), **10:30–12:15**, **Room K2**
THL, 12:15–13:15	**DM13/HS**, Division meeting for Hydrological Sciences (HS) (co-organized), **12:15–13:15**, **Room B**
TH3, 13:30–15:00	**HS1.5**, Advances in Sensitivity and Uncertainty Analysis of Earth and Environmental Systems Models, **13:30–15:00**, **Room 2.15**
	HS4.2/NH1.11, Predictability, predictive uncertainty estimation and decision-making in hydrologic forecasting (co-organized), **13:30–15:00**, **Room 2.44**
	HS7.1/AS1.11/NH1.15/NP10.11, Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), **13:30–17:00**, **Room B**
	HS8.2.4, Groundwater vulnerability and circulation, **13:30–15:00**, **Room 2.95**
	HS10.2, Lakes and inland seas in a changing environment, **13:30–17:00**, **Room C**
	SSS10.6/HS5.12, Irrigated agriculture: Natural Resources Management for the sustainability of the terrestrial ecosystem maintaining productivity (co-organized), **13:30–17:15**, **Room -2.20**
	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**
	NH1.1/AS4.28/HS11.24, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), **13:30–15:00**, **Room L6**
	SC29/HS12.3, Hydroinformatics for hydrology: geostatistical modelling (co-organized), **13:30–15:00**, **Room -2.85**
TH4, 15:30–17:00	**HS1.13**, Towards integrated process understanding using hydrological observatories, **15:30–17:00**, **Room 2.15**
	HS4.4, Drought and water scarcity: monitoring, modelling and forecasting to improve hydro-meteorological risk management, **15:30–17:00**, **Room 2.44**
	HS7.1/AS1.11/NH1.15/NP10.11, Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), **13:30–17:00**, **Room B**
	HS8.2.8, Innovative methods for the quantification of processes in the sub-surface, **15:30–17:00**, **Room 2.95**
	HS10.2, Lakes and inland seas in a changing environment, **13:30–17:00**, **Room C**
	NH1.6/AS1.4/HS4.9, Coupled atmosphere-hydrological modeling for improved hydro-meteorological predictions (co-organized), **15:30–17:00**, **Room L6**
	SSS10.6/HS5.12, Irrigated agriculture: Natural Resources Management for the sustainability of the terrestrial ecosystem maintaining productivity (co-organized), **13:30–17:15**, **Room -2.20**
	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**

Friday, 28 April	
FR1, 08:30–10:00	**HS1.12**, Applying global-scale models and data in local water resources studies, **08:30–10:00**, **Room 2.44**
	HS2.1.3, Large scale hydrology, **08:30–12:00**, **Room B**
	HS2.3.3, Controls of non-stationary catchment response and spatial water quality dynamics, **08:30–10:00**, **Room 2.15**
	HS3.2/NH1.19, Spatio-temporal and/or geostatistical analysis of hydrological events, extremes, and related hazards (co-organized), **08:30–10:15**, **Room C**
	HS4.6/CL3.02, From sub-seasonal forecasting to climate projections: predicting hydrologic extremes and servicing water managers (co-organized), **08:30–12:00**, **Room 2.95**
	ERE3.7/HS5.11, Renewable energy and environmental systems: modelling, control and management for a sustainable future (co-organized), **08:30–10:00**, **Room M2**
	AS4.16/BG9.2/CL2.14/HS11.1, Stable isotopes in the atmosphere - from vapor to precipitation (co-organized), **08:30–10:00**, **Room F1**
	GI1.2/AS4.47/BG9.20/ERE1.8/HS11.9/NH8.4/OS4.11/SSS8.12, Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), **08:30–12:10**, **Room L8**
	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**
	NH6.1/CR2.7/GI2.8/HS11.29/SM5.7/SSS12.20, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **08:30–12:00**, **Room L6**
	SSS2.3/HS11.46, The use of check dams for soil restoration at watershed level: resolving or generating hydrological, soil and environmental problems? (co-organized), **08:30–12:15**, **Room -2.21**
	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**
	SC19/HS12.1, Meet the Expert in Hydrology: Is research at different spatial scales connected? (co-organized), **08:30–10:00**, **Room -2.91**
FR2, 10:30–12:00	**HS1.6**, Data Assimilation for Integrated Hydrological Models and Earth System Models, **10:30–12:00**, **Room 2.44**
	HS2.1.3, Large scale hydrology, **08:30–12:00**, **Room B**
	HS2.3.6, Micropollutants and pathogens in the soil-groundwater-river continuum: modeling and monitoring, **10:30–12:00**, **Room 2.15**
	HS3.1, Hydroinformatics: computational intelligence, systems analysis, optimisation, data science and data-driven modelling of social-hydrologic systems, **10:30–17:00**, **Room C**
	HS4.6/CL3.02, From sub-seasonal forecasting to climate projections: predicting hydrologic extremes and servicing water managers (co-organized), **08:30–12:00**, **Room 2.95**
	ERE4.1/EMRP4.15/HS11.6/TS2.5, Mechanics and flows in shale rocks: properties and processes (co-organized), **10:30–17:00**, **Room D2**

	GI1.2/AS4.47/BG9.20/ERE1.8/HS11.9/NH8.4/OS4.11/SSS8.12, Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), **08:30–12:10**, **Room L8**
	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**
	NH6.1/CR2.7/GI2.8/HS11.29/SM5.7/SSS12.20, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **08:30–12:00**, **Room L6**
	SSS2.3/HS11.46, The use of check dams for soil restoration at watershed level: resolving or generating hydrological, soil and environmental problems? (co-organized), **08:30–12:15**, **Room -2.21**
	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**
	SC35/HS12.4, Introduction to teaching hydrology (co-organized), **10:30–12:00**, **Room -2.16**
FR3, 13:30–15:00	**HS2.1.5**, Evapotranspiration: from measurement to modelling and application in catchment hydrology, **13:30–17:00**, **Room 2.15**
	HS2.3.2, Isotope and tracer methods: flow paths characterization, catchment response and transformation processes, **13:30–17:00**, **Room B**
	HS3.1, Hydroinformatics: computational intelligence, systems analysis, optimisation, data science and data-driven modelling of social-hydrologic systems, **10:30–17:00**, **Room C**
	HS4.3/AS4.36/NH1.12, Ensemble hydro-meteorological forecasting (co-organized), **13:30–17:00**, **Room 2.95**
	ERE4.1/EMRP4.15/HS11.6/TS2.5, Mechanics and flows in shale rocks: properties and processes (co-organized), **10:30–17:00**, **Room D2**
	GM9.5/BG9.50/HS11.22/SSS2.28, Interactions of geomorphology, dams and flood hazard (co-organized), **13:30–15:00**, **Room N1**
	NH6.3/AS4.43/GI2.10/HS11.31/SM5.8/SSS12.21, The use of Remotely Piloted Aircraft Systems (RPAS) in monitoring applications and management of natural hazards (co-organized), **13:30–15:00**, **Room L6**
	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**
	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**
FR4, 15:30–17:00	**HS2.1.5**, Evapotranspiration: from measurement to modelling and application in catchment hydrology, **13:30–17:00**, **Room 2.15**
	HS2.3.2, Isotope and tracer methods: flow paths characterization, catchment response and transformation processes, **13:30–17:00**, **Room B**
	HS3.1, Hydroinformatics: computational intelligence, systems analysis, optimisation, data science and data-driven modelling of social-hydrologic systems, **10:30–17:00**, **Room C**
	HS4.3/AS4.36/NH1.12, Ensemble hydro-meteorological forecasting (co-organized), **13:30–17:00**, **Room 2.95**
	ERE4.1/EMRP4.15/HS11.6/TS2.5, Mechanics and flows in shale rocks: properties and processes (co-organized), **10:30–17:00**, **Room D2**

	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**
	NH1.7/CL2.23/HS11.28, Addressing the challenge of compound events, multi-risk modelling and cross-risk assessment methods (co-organized), **15:30–17:00**, **Room L6**

HS – Hydrological Sciences (#EGU17HS) – PICOs

Monday, 24 April	
MO1, 08:30–10:00	**SSS10.8/BG9.6/HS9.11**, Soil Erosion, hydrological processes and biological degradation in worldwide vineyards (co-organized), **PICO spot 5b**
	AS2.4/HS11.2/SSS9.28, Challenges of a changing Mediterranean natural environment (co-organized), **PICO spot 3**
MO2, 10:30–12:00	**AS2.4/HS11.2/SSS9.28**, Challenges of a changing Mediterranean natural environment (co-organized), **PICO spot 3**
MO3, 13:30–15:00	**SSS7.10/HS8.3.12**, Innovative methods for characterizing physical soil properties and monitoring soil moisture (co-organized), **PICO spot 5b**
MO4, 15:30–17:00	**HS1.11**, Learning from hypotheses and failures in hydrology, **PICO spot A**
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**
TU2, 10:30–12:00	**HS7.3**, Water, climate and health, **PICO spot 1**
TU3, 13:30–15:00	**HS7.6/AS1.10/NP10.3**, Precipitation variability: from drop scale to lot scale (co-organized), **PICO spot A**
	NH9.5/AS4.32/CL2.27/HS11.38/SM3.9/SSS13.3, Natural Hazard and Risk Assessment in Developing Countries (co-organized), **PICO spot 1**
TU4, 15:30–17:00	**HS5.6/SSS9.33**, Catchment Science and Management: Nature-Based Solutions for rural and urban environments (co-organized), **PICO spot A**
Wednesday, 26 April	
WE1, 08:30–10:00	**HS2.2.2/AS4.15/CL2.07/CR3.6/NH1.16**, Mountains and snow: Advances in large-scale land surface, hydrological and climate modelling (co-organized), **PICO spot 3**
	HS4.5/NH1.13, Operational forecasting and warning systems for natural hazards: challenges and innovation (co-organized), **PICO spot A**
WE2, 10:30–12:00	**HS2.2.2/AS4.15/CL2.07/CR3.6/NH1.16**, Mountains and snow: Advances in large-scale land surface, hydrological and climate modelling (co-organized), **PICO spot 3**
	HS4.5/NH1.13, Operational forecasting and warning systems for natural hazards: challenges and innovation (co-organized), **PICO spot A**
WE3, 13:30–15:00	**HS1.10**, How my water research made the news, **PICO spot 1**
	SSS2.20/HS11.51, Innovation and new challenges in sharing research results and knowledge of soil and water resources: experiences on strategic thinking, technologies and collaborative work. (co-organized), **PICO spot 3**
WE4, 15:30–17:00	**HS2.2.3**, Lowlands: A hydrologic challenge in the global environmental change era, **PICO spot A**

Thursday, 27 April	
TH1, 08:30–10:00	**HS1.15**, Recent advancement in estimating global, continental and regional scale water balance components, **PICO spot 1**
	SSS1.7/AS4.49/CL5.20/HS11.44/NH9.21, “Lighthouse” examples, illustrating soil relevance for the UN Sustainable Development Goals (SDG’s) (co-organized), **PICO spot 3**
TH2, 10:30–12:00	**SSS1.7/AS4.49/CL5.20/HS11.44/NH9.21**, “Lighthouse” examples, illustrating soil relevance for the UN Sustainable Development Goals (SDG’s) (co-organized), **PICO spot 3**
TH3, 13:30–15:00	**HS5.10**, Hydrological Sciences and Water Footprint Assessment for monitoring and achieving the Sustainable Development Goals, **PICO spot A**
	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	**HS1.9/NH1.18**, Hydrological risk under a gender and age perspective (co-organized), **PICO spot A**
Friday, 28 April	
FR1, 08:30–10:00	**HS7.7/NH1.17**, Hydroclimatic and hydrometeorologic stochastics: Extremes, scales, probabilities (co-organized), **PICO spot A**
FR2, 10:30–12:00	**HS2.2.4/CR4.5**, Monitoring and modelling water flow paths, supply and quality in a changing mountain cryosphere (co-organized), **PICO spot A**
	SSS11.5/ESSI4.10/HS11.61/NH9.23, Communication of uncertain information in earth sciences: data, models and visualization (co-organized), **PICO spot 1**
FR3, 13:30–15:00	**HS8.1.2**, Hydrogeophysics, **PICO spot A**
FR4, 15:30–17:00	**BG1.5/CL2.33/HS6.6**, Climate extremes, biosphere and society: impacts, remote sensing, and feedbacks (co-organized), **PICO spot 5a**
	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**

HS – Hydrological Sciences (#EGU17HS) – Posters

Monday, 24 April	
MO5, 17:30–19:00	**HS1.1**, Self-made sensors and unintended use of measurement equipment (poster-only session), **Hall A**, **A.107–A.116**
	HS1.2, Hydrology, society and environmental change, **Hall A**, **A.117–A.133**
	HS1.3, Hydrologic Dynamics, Analytics and Predictability: Physical and Data-based Approaches for Improving Hydrologic Understanding and Prediction, **Hall A**, **A.134–A.153**
	HS2.1.2, On the interaction of models and hydrological knowledge: the battle of reducing uncertainty and increasing realism, **Hall A**, **A.154–A.174**
	HS2.1.6, Measuring and modelling surface water – groundwater interactions, **Hall A**, **A.175–A.191**
	HS2.2.1, Mountains and snow: Monitoring and modeling of snow, **Hall A**, **A.192–A.215**
	HS2.4.1, Hydrological change: Regional hydrological behaviour under transient climate and land use conditions, **Hall A**, **A.216–A.239**
	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**
	HS5.2, Water resources - assessment, management, and allocation - in (semi-)arid regions, **Hall A**, **A.273–A.288**
	HS5.3, Advances in socio-hydrology, **Hall A**, **A.289–A.321**
	HS5.9/CL2.17/CR6.9/NH1.9, Water infrastructure risks under climate variability and change: role of data analysis, operating approaches, hydro-meteorological and multi-sectoral forecasts (co-organized), **Hall A**, **A.322–A.340**
	HS6.4, Remote sensing of soil moisture, **Hall A**, **A.341–A.375**
	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**
	HS8.2.2, Fissured and karstified aquifers, **Hall A**, **A.395–A.414**
	HS9.6, Quantifying erosion, sediment and contaminant redistribution in river basins, **Hall A**, **A.415–A.434**
	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**
	G3.2/CR2.4/HS11.8/OS4.12, Fluid signatures in the hydrosphere, ocean and cryosphere from space geodesy and Earth rotation monitoring (co-organized), **Hall X3**, **X3.142–X3.169**
	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**
	NH1.5/AS4.37/CL4.19/HS11.27/SM10.9/SSS10.16, Hazard Risk Management of Agroecosystems and Induced Human Migration (co-organized), **Hall X4**, **X4.289–X4.308**
	SSS9.20/BG9.62/HS11.57, Water repellency of soil, biological and manmade materials: origin, assessment and implications (co-organized), **Hall X1**, **X1.326–X1.344**

Tuesday, 25 April	
TU5, 17:30–19:00	**HS2.1.4**, Catchment Organisation, Similarity, and Evolution, **Hall A**, **A.40–A.56**
	HS2.4.4, Water, droughts, and biosphere-atmosphere interactions under climate change and variability, **Hall A**, **A.57–A.80**
	HS5.1, Hydrology & Society: Transdisciplinary approaches to hydrology and water resources management, **Hall A**, **A.81–A.88**
	HS5.4, Water Resources Management and Policy in a Changing World, **Hall A**, **A.89–A.121**
	HS5.8/ERE3.8, Hydropower and other renewable sources of energy for a sustainable future: modelling and management issues (co-organized), **Hall A**, **A.122–A.136**
	HS6.2, The Third Pole Environment - hydrometeorological processes and ancient human activity, **Hall A**, **A.137–A.164**
	HS6.3, Water Level, Storage, floods and Discharge from Remote Sensing and Assimilation in Hydrodynamic Models, **Hall A**, **A.165–A.184**
	HS8.1.3, Model Uncertainties, Parameter Estimation, and Data Assimilation in Surface and Subsurface Hydrology, **Hall A**, **A.185–A.207**
	HS8.1.4, Subsurface flow and solute transport: Concepts, modelling, observations and applications of dispersion, mixing and reactive transport in heterogeneous media., **Hall A**, **A.208–A.222**
	HS8.1.6, Fluid dynamics, solute transport and biogeochemical reactions in porous media – new advances towards mechanistic understanding, **Hall A**, **A.223–A.240**
	HS8.2.6, Modern challenges of stochastic groundwater hydrology: from pore to field scale, **Hall A**, **A.241–A.255**
	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**
	HS9.9, Protection against hydrologically triggered soil failure: new perspectives in eco-engineering, **Hall A**, **A.302–A.312**
	HS10.7/BG9.51/GM9.7, Linking river ecology, hydrology, and geomorphology for integrated river management (co-organized), **Hall A**, **A.313–A.334**
	HS10.10, Groundwater - Surface Water interactions: biogeochemical and ecological processes, **Hall A**, **A.335–A.354**
	SSS12.5/HS7.10, Rainfall simulators as a tool in Soil Science, Geomorphology and Hydrology research and teaching (co-organized), **Hall X1**, **X1.318–X1.333**
	SSS7.6/HS8.3.11, Soil water Infiltration. Measurements, assessment and modeling (co-organized), **Hall X1**, **X1.230–X1.248**
	SSS7.12/BG9.24/HS8.3.13/SSP3.12, Microenvironments in soils and sediments - linking concepts, experiments and models (co-organized), **Hall X1**, **X1.249–X1.260**
	SSS2.22/HS9.12/NH9.24, Advances and gaps in understanding, predicting and preventing hydrological and erosional risks in fire-affected watersheds. (co-organized), **Hall X1**, **X1.198–X1.215**
	CL4.08/HS11.5, Understanding past, present and future changes in the hydrological cycle (co-organized), **Hall X5**, **X5.111–X5.127**
	SSS1.6/AS4.51/BG9.13/CL3.06/HS11.43/NH9.22, European Environmental Policies and Sustainability (co-organized), **Hall X1**, **X1.134–X1.139**
	SSS12.2/GM1.9/HS11.63, Experiments in Earth Surface Processes - From understanding to quantification (co-organized), **Hall X1**, **X1.301–X1.317**

Wednesday, 26 April	
WE5, 17:30–19:00	**HS1.4**, (Ir-)relevant scales in hydrology: Which scales matter for water resources management?, **Hall A**, **A.41–A.50**
	HS2.1.1, Hydrological extremes: from droughts to floods, **Hall A**, **A.51–A.110**
	HS5.5, Assessment and interpretation of state and trends in water quality, **Hall A**, **A.111–A.135**
	HS6.1, Open session on remote sensing applications in hydrology and climate studies, **Hall A**, **A.136–A.156**
	HS7.4, Climatic variability and the hydrological cycle, **Hall A**, **A.157–A.169**
	HS7.5/NH1.8, Hydroclimatic extremes under change: advancing the science and implementation in hazard prevention and control (co-organized), **Hall A**, **A.170–A.214**
	HS8.2.3/ERE6.7, Thermal and mechanical processes and energy storage in porous and fractured aquifers (co-organized), **Hall A**, **A.215–A.233**
	HS8.2.5, Hydrogeology of coastal zones: processes, consequences and potentials, **Hall A**, **A.234–A.256**
	HS8.2.7, Estimation and application of groundwater ages and mean residence times, **Hall A**, **A.257–A.271**
	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**
	HS10.1/GM12.7/OS2.4, Estuarine processes (co-organized), **Hall A**, **A.321–A.336**
	HS10.5, New methods, stable isotope techniques and physical principles in ecohydrology, **Hall A**, **A.337–A.353**
	HS10.8, Peatland Hydrology, **Hall A**, **A.354–A.375**
	NH3.1/HS2.3.8, Landslide hydrology: from hydrology to pore water pressure and slope deformation (co-organized), **Hall X3**, **X3.116–X3.136**
	CL1.25/AS4.26/HS2.4.5, Flood and weather extremes of the past (co-organized), **Hall X5**, **X5.58–X5.73**
	CL1.01/AS4.9/CR1.12/HS7.9/OS1.13, Into the Anthropocene; Observing and interpreting the historical record of temperature and other climate indicators (co-organized), **Hall X5**, **X5.1–X5.21**
	SSS7.2/HS8.3.10, Preferential flow and mass transfers in vadose zone (co-organized), **Hall X1**, **X1.92–X1.109**
	CL4.07/AS1.14/BG9.18/CR1.7/HS11.3, Mountain climates: processes, change and related impacts (co-organized), **Hall X5**, **X5.192–X5.223**
	GI1.3/AS4.41/CL5.17/EMRP4.39/HS11.7/NH6.9/SM5.9, Environmental sensor networks (co-organized), **Hall X4**, **X4.274–X4.281**
	GI3.8/HS11.10/SSS12.19, Broadband and multi/hyper-spectral IR sensing techniques for the retrieval of land surface temperature and emissivity; IR sensing for environmental studies (i.e geo-hazards, agriculture, atmosphere and urban) (co-organized), **Hall X4**, **X4.321–X4.330**
	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**
	NH9.7/AS4.33/CL2.28/HS11.34, Urban Resilience Studies –Risk Mapping (co-organized), **Hall X3**, **X3.203–X3.219**

	SSS7.8/BG9.10/HS11.53, The impact of pesticides in life, water, sediment, air and soil resources (co-organized), **Hall X1**, **X1.110–X1.136**
	SSS12.1/HS11.62, Advancing proxies in the critical zone for deciphering time-dependent processes in weathering profile and natural and anthropognenic fingerprinting of water (sponsored by European Association of Geochemistry) (co-organized), **Hall X1**, **X1.196–X1.212**
Thursday, 27 April	
TH5, 17:30–19:00	**HS1.5**, Advances in Sensitivity and Uncertainty Analysis of Earth and Environmental Systems Models, **Hall A**, **A.65–A.85**
	HS1.13, Towards integrated process understanding using hydrological observatories, **Hall A**, **A.86–A.102**
	HS2.3.1, Innovative sensing techniques and data analysis approaches to increase hydrological process understanding, **Hall A**, **A.103–A.124**
	HS2.3.5, Water quality at the catchment scale: measuring and modelling of nutrients, sediment and eutrophication impacts, **Hall A**, **A.125–A.146**
	HS4.2/NH1.11, Predictability, predictive uncertainty estimation and decision-making in hydrologic forecasting (co-organized), **Hall A**, **A.147–A.166**
	HS4.4, Drought and water scarcity: monitoring, modelling and forecasting to improve hydro-meteorological risk management, **Hall A**, **A.167–A.186**
	HS7.1/AS1.11/NH1.15/NP10.11, Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), **Hall A**, **A.187–A.219**
	HS7.2/AS1.9/CL2.15/NH1.14/NP10.1, Precipitation uncertainty and variability: observations, ensemble simulation and downscaling (co-organized), **Hall A**, **A.220–A.240**
	HS7.8, Precipitation and Urban Hydrology, **Hall A**, **A.241–A.257**
	HS8.1.5, Fate and transport of biocolloids and nanoparticles in soil and groundwater systems, **Hall A**, **A.258–A.280**
	HS8.2.1, Groundwater resources in a changing environment, **Hall A**, **A.281–A.313**
	HS8.2.4, Groundwater vulnerability and circulation, **Hall A**, **A.314–A.331**
	HS8.2.8, Innovative methods for the quantification of processes in the sub-surface, **Hall A**, **A.332–A.350**
	HS8.3.1, Vadose zone hydrology: General Session, **Hall A**, **A.351–A.369**
	HS10.2, Lakes and inland seas in a changing environment, **Hall A**, **A.370–A.402**
	HS10.3/BG9.4/SSS9.34, General Ecohydrology (co-organized), **Hall A**, **A.403–A.429**
	NP5.3/AS1.2/HS4.8, Advances in statistical post-processing for deterministic and ensemble forecasts (co-organized), **Hall X4**, **X4.196–X4.217**
	NH1.6/AS1.4/HS4.9, Coupled atmosphere-hydrological modeling for improved hydro-meteorological predictions (co-organized), **Hall X3**, **X3.210–X3.223**
	ERE3.7/HS5.11, Renewable energy and environmental systems: modelling, control and management for a sustainable future (co-organized), **Hall X1**, **X1.78–X1.93**
	SSS10.6/HS5.12, Irrigated agriculture: Natural Resources Management for the sustainability of the terrestrial ecosystem maintaining productivity (co-organized), **Hall X1**, **X1.298–X1.316**
	SSS7.3/HS8.3.8, Challenges in soil physics research (co-organized), **Hall X1**, **X1.199–X1.213**

	SSS7.7/HS8.3.14, Multi-scale structure-property relationships for porous media: how pore-scale processes can help describe flow and transport at the larger scale? (co-organized), **Hall X1**, **X1.214–X1.234**
	GI1.2/AS4.47/BG9.20/ERE1.8/HS11.9/NH8.4/OS4.11/SSS8.12, Geoscience processes related to Fukushima and Chernobyl nuclear accidents (co-organized), **Hall X4**, **X4.234–X4.252**
	NH1.1/AS4.28/HS11.24, Extreme meteorological and hydrological events induced by severe weather and climate change (co-organized), **Hall X3**, **X3.171–X3.190**
	NH1.3/HS11.25, Flood risk and uncertainty (including Plinius Medal Lecture) (co-organized), **Hall X3**, **X3.191–X3.209**
	SSS9.4/HS11.54/NH1.20, Threats and potentials in urban and peri-urban areas: soil and water degradation, ecosystem services and risk management (co-organized), **Hall X1**, **X1.269–X1.283**
Friday, 28 April	
FR5, 17:30–19:00	**HS1.6**, Data Assimilation for Integrated Hydrological Models and Earth System Models, **Hall A**, **A.181–A.195**
	HS1.12, Applying global-scale models and data in local water resources studies, **Hall A**, **A.196–A.211**
	HS2.1.3, Large scale hydrology, **Hall A**, **A.212–A.243**
	HS2.1.5, Evapotranspiration: from measurement to modelling and application in catchment hydrology, **Hall A**, **A.244–A.269**
	HS2.3.2, Isotope and tracer methods: flow paths characterization, catchment response and transformation processes, **Hall A**, **A.273–A.300**
	HS2.3.3, Controls of non-stationary catchment response and spatial water quality dynamics, **Hall A**, **A.301–A.321**
	HS2.3.6, Micropollutants and pathogens in the soil-groundwater-river continuum: modeling and monitoring, **Hall A**, **A.322–A.340**
	HS3.1, Hydroinformatics: computational intelligence, systems analysis, optimisation, data science and data-driven modelling of social-hydrologic systems, **Hall A**, **A.341–A.374**
	HS3.2/NH1.19, Spatio-temporal and/or geostatistical analysis of hydrological events, extremes, and related hazards (co-organized), **Hall A**, **A.375–A.394**
	HS4.3/AS4.36/NH1.12, Ensemble hydro-meteorological forecasting (co-organized), **Hall A**, **A.395–A.413**
	HS4.6/CL3.02, From sub-seasonal forecasting to climate projections: predicting hydrologic extremes and servicing water managers (co-organized), **Hall A**, **A.414–A.429**
	AS4.16/BG9.2/CL2.14/HS11.1, Stable isotopes in the atmosphere - from vapor to precipitation (co-organized), **Hall X5**, **X5.411–X5.424**
	ERE4.1/EMRP4.15/HS11.6/TS2.5, Mechanics and flows in shale rocks: properties and processes (co-organized), **Hall X1**, **X1.8–X1.43**
	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**
	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**
	NH1.7/CL2.23/HS11.28, Addressing the challenge of compound events, multi-risk modelling and cross-risk assessment methods (co-organized), **Hall X3**, **X3.122–X3.139**
	NH6.1/CR2.7/GI2.8/HS11.29/SM5.7/SSS12.20, Application of remote sensing and Earth-observation data in natural hazard and risk studies (co-organized), **Hall X3**, **X3.210–X3.232**
	NH6.3/AS4.43/GI2.10/HS11.31/SM5.8/SSS12.21, The use of Remotely Piloted Aircraft Systems (RPAS) in monitoring applications and management of natural hazards (co-organized), **Hall X3**, **X3.243–X3.258**
	NH6.4/BG9.34/CL2.24/HS11.32, Assessment of climate hazards' impact on natural and cultural environment: Remote sensing and GIS applications (co-organized), **Hall X3**, **X3.259–X3.271**
	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**
	SSS2.3/HS11.46, The use of check dams for soil restoration at watershed level: resolving or generating hydrological, soil and environmental problems? (co-organized), **Hall X1**, **X1.99–X1.115**
	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**