

HS – Hydrological Sciences – Oral Sessions

Sunday, 03 April

SU, 09:00–18:00 **SC6/HS11.2**, Short-course on field instrumentation in research catchments (external) (co-organized), **Room extern, 09:00–18:00**

Monday, 04 April

MO1, 08:30–10:00	HS2.2 , Observational hydrology: Recent developments in distributed sensing techniques and experimental catchments, Room 38, 08:30–10:00
	HS2.12 , Mountain hydrology: Observations, processes and models, Room 36, 08:30–12:00
	HS3.1 , Geostatistics for space-time analysis of hydrological events, Room 39, 08:30–10:00
	HS7.1/AS4.8/NH1.10/NP3.9 , Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), Room 33, 08:30–12:00
	HS8.1.1 , Subsurface flow, solute transport, and energy processes: Concepts, modelling, and observations, Room 34, 08:30–11:57
	NH1.2/AS4.7/HS12.6 , Hydrometeorological modeling and Earth observations under extremes: issues of scale, dependence and robust frameworks for collective risk assessment (co-organized), Room 10, 08:30–12:00
	NH3.1/HS8.1.6 , Mechanisms and processes of landslides induced by water (co-organized), Room 1, 08:30–10:00
	TS2.3/EMRP14 , Fracturing, sealing and fluid flow in reservoirs and fault zones (co-listed), Room 28, 08:30–15:00
MO2, 10:30–12:00	HS2.3 , Observational hydrology: Recent development in isotope and other tracer methods, Room 38, 10:30–12:00
	HS2.12 , Mountain hydrology: Observations, processes and models, Room 36, 08:30–12:00
	HS3.2 , Hydroinformatics: computational intelligence and systems analysis, Room 39, 10:30–15:00
	HS7.1/AS4.8/NH1.10/NP3.9 , Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), Room 33, 08:30–12:00
	HS8.1.1 , Subsurface flow, solute transport, and energy processes: Concepts, modelling, and observations, Room 34, 08:30–11:57
	NH1.2/AS4.7/HS12.6 , Hydrometeorological modeling and Earth observations under extremes: issues of scale, dependence and robust frameworks for collective risk assessment (co-organized), Room 10, 08:30–12:00
	TS2.3/EMRP14 , Fracturing, sealing and fluid flow in reservoirs and fault zones (co-listed), Room 28, 08:30–15:00
MO3, 13:30–15:00	BG1.5 , Remote Sensing in the Biogeosciences (co-listed), Room 24, 13:30–17:00
	BG1.6/OS3.7/SSS4.6 , Stabilization of organic matter in soils, sediments and marine dissolved organic matter (co-listed), Room 23, 13:30–17:00
	HS2.1 , Hydrologic Similarity at the Catchment Scale, Room 38, 13:30–15:00
	HS2.13 , Mountain Hydrology: Monitoring and modeling of snow, Room 36, 13:30–17:00
	HS3.2 , Hydroinformatics: computational intelligence and systems analysis, Room 39, 10:30–15:00
	HS7.3/CL3.7/NP1.4 , Climate, water and health (co-organized), Room 33, 13:30–15:00

	HS8.1.2 , Hydrogeophysics in subsurface hydrology, Room 34, 13:30–17:00
	SSS2.6/HS12.12/NP3.12 , Sediment dynamics, models and scaling (co-organized), Room 9, 13:30–17:00
	TS2.3/EMRP14 , Fracturing, sealing and fluid flow in reservoirs and fault zones (co-listed), Room 28, 08:30–15:00
MO4, 15:30–17:00	BG1.5 , Remote Sensing in the Biogeosciences (co-listed), Room 24, 13:30–17:00
	BG1.6/OS3.7/SSS4.6 , Stabilization of organic matter in soils, sediments and marine dissolved organic matter (co-listed), Room 23, 13:30–17:00
	GM8.3 , Coastal zone geomorphologic interactions: natural versus human-induced driving factors (co-listed), Room 21, 15:30–17:00
	HS2.13 , Mountain Hydrology: Monitoring and modeling of snow, Room 36, 13:30–17:00
	HS5.1 , Assessment and management of water resources in tropical and dryland countries, Room 38, 15:30–17:00
	HS6.8 , Soil moisture applications based on SMOS data, Room 39, 15:30–17:00
	HS7.5/NP6.7 , Hydroclimatic stochasticity (co-organized), Room 33, 15:30–17:15
	HS8.1.2 , Hydrogeophysics in subsurface hydrology, Room 34, 13:30–17:00
	SSS2.6/HS12.12/NP3.12 , Sediment dynamics, models and scaling (co-organized), Room 9, 13:30–17:00
Tuesday, 05 April	
TU1, 08:30–10:00	HS1.4 , EO for Water Cycle Science, Room 33, 08:30–10:00
	HS2.9 , Hydrological change: Regional hydrological behaviour under transient climate and land use conditions, Room 36, 08:30–12:00
	HS5.1 , Assessment and management of water resources in tropical and dryland countries, Room 38, 15:30–17:00
	HS6.4 , Catchment hydrology and remote sensing: parameter retrieval and integration with models, Room 39, 08:30–10:00
	HS8.3.2 , Monitoring and modelling for transfer processes in the soil-plant-atmosphere continuum, Room 34, 08:30–12:00
	SSS2.5 , Soil and irrigation sustainability practices (co-listed), Room 9, 08:30–10:00
TU2, 10:30–12:00	HS2.9 , Hydrological change: Regional hydrological behaviour under transient climate and land use conditions, Room 36, 08:30–12:00
	HS5.1 , Assessment and management of water resources in tropical and dryland countries, Room 38, 15:30–17:00
	HS6.1 , The Third Pole Environment - Observation and modelling of hydrometeorological processes in high elevation areas, Room 39, 10:30–12:00
	HS7.4/AS4.9/CL3.4 , Hydrological change versus climate change (co-organized), Room 33, 10:30–15:00
	HS8.3.2 , Monitoring and modelling for transfer processes in the soil-plant-atmosphere continuum, Room 34, 08:30–12:00
TU3, 13:30–15:00	HS2.10 , Hydrological change: Ecological development, landscape evolution and hydrological response, Room 36, 13:30–15:00
	HS4.1/NH1.11 , Flash floods: observations, modeling, forecasting and risk management (co-organized), Room 38, 13:30–15:00
	HS5.5 , Drought, Water Scarcity and Food Security: Forecasting, warning and natural resources management, Room 39, 13:30–15:00
	HS7.4/AS4.9/CL3.4 , Hydrological change versus climate change (co-organized), Room 33, 10:30–15:00

	HS8.3.7 , Unsaturated zone flow and transport processes: from science to soil and water management, Room 34, 13:30–17:00
TU4 , 15:30–17:00	HS1.3 , The Future of Water Cycle Observing Systems (by Invitation only), Room 33, 15:30–17:00
	HS2.11/NH1.14 , Hydrological extremes: from droughts to floods (co-organized), Room 36, 15:30–17:00
	HS4.5 , Drought and water scarcity: hydrological monitoring, modeling and forecasting, Room 38, 15:30–17:15
	HS5.3 , Stakeholder participation in hydrology, Room 39, 15:30–17:00
	HS8.3.7 , Unsaturated zone flow and transport processes: from science to soil and water management, Room 34, 13:30–17:00
	SSS2.3/GM3.7/HS12.11 , 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), Room 9, 15:30–17:00
TU5 , 17:30–19:00	SC5/HS11.1 , [Short Course] How to write (and publish) a scientific paper in hydrology (co-organized), Room 39, 17:30–19:00
TU6 , 19:00–20:00	ML16 , John Dalton Medal Lecture by Peter A. Troch (co-listed), Room 33, 18:30–19:30
Wednesday, 06 April	
WE1 , 08:30–10:00	ERE1.7 , Geothermal Energy (co-listed), Room 11, 08:30–17:00
	HS1.1 , Perspectives for the Future of Hydrology in a Changing Environment. Memorial Session in Honour of Professor Jim Dooge (invited speakers only), Room 33, 08:30–12:00
	HS2.11/NH1.14 , Hydrological extremes: from droughts to floods (co-organized), Room 36, 15:30–17:00
	HS5.4 , Advances in Modeling of Coupled Hydrologic-Socioeconomic Systems, Room 39, 08:30–10:00
	HS6.2 , Remote sensing of soil moisture, Room 34, 08:30–12:15
	HS10.1/GM8.1 , Coasts, Estuaries and Deltas (co-organized), Room 38, 08:30–12:00
WE2 , 10:30–12:00	ERE1.7 , Geothermal Energy (co-listed), Room 11, 08:30–17:00
	GM4.2/GMPV52/HS12.2/SSS2.15 , Erosion and Terrestrial Carbon Cycling (co-organized), Room 21, 10:30–12:00
	HS1.1 , Perspectives for the Future of Hydrology in a Changing Environment. Memorial Session in Honour of Professor Jim Dooge (invited speakers only), Room 33, 08:30–12:00
	HS2.11/NH1.14 , Hydrological extremes: from droughts to floods (co-organized), Room 36, 15:30–17:00
	HS5.6 , Water quality modeling: from research tools to information systems for stakeholders and managers, Room 39, 10:30–12:00
	HS6.2 , Remote sensing of soil moisture, Room 34, 08:30–12:15
WE3 , 13:30–15:00	EMRP10/TS2.10 , The transport properties of geomaterials: Theory, modelling, measurement, application and integration (co-listed), Room 42, 13:30–17:00
	EOS04 , Contemporary Education in a Changing World (co-listed), Room 29, 13:30–17:00

	ERE1.7 , Geothermal Energy (co-listed), Room 11, 08:30–17:00
	HS1.6 , Metrics and the Use of Data in Hydrology to support Model Structure Improvement, Room 33, 13:30–17:15
	HS2.20 , Floodplain processes and inundation modelling, Room 38, 13:30–15:00
	HS2.21/NP3.13 , Scaling, subgrid models, downscaling and parameterization (co-organized), Room 36, 13:30–15:00
	HS8.1.5 , Groundwater recharge: Processes and Quantification, Room 39, 13:30–15:00
	HS10.4 , Agriculture and water resources from the hydrological point of view, Room 34, 13:30–15:00
	NH1.6/HS12.8 , ICT-based hydrometeorology science and natural disaster societal impact assessment (co-organized), Room 10, 13:30–17:00
	NP2.3/AS4.20/CL4.6/GM2.7/HS12.9 , Modelling and Understanding Geophysical Systems as Complex Networks (co-organized), Room 13, 13:30–15:00
WE4 , 15:30–17:00	EMRP10/TS2.10 , The transport properties of geomaterials: Theory, modelling, measurement, application and integration (co-listed), Room 42, 13:30–17:00
	EOS04 , Contemporary Education in a Changing World (co-listed), Room 29, 13:30–17:00
	ERE1.7 , Geothermal Energy (co-listed), Room 11, 08:30–17:00
	HS1.6 , Metrics and the Use of Data in Hydrology to support Model Structure Improvement, Room 33, 13:30–17:15
	HS2.19 , Linking hydrology to hydraulic engineering in a changing environment (co-sponsored by IAHR), Room 39, 15:30–17:00
	HS8.1.3 , Combining modelling and measuring to improve understanding of subsurface flow and transport systems, Room 36, 15:30–17:15
	HS8.2.9 , Sedimentary basins as active fluid circulation systems, Room 34, 15:30–17:00
	HS8.3.1 , Soil-plant interactions from the rhizosphere to field scale, Room 38, 15:30–17:15
	NH1.6/HS12.8 , ICT-based hydrometeorology science and natural disaster societal impact assessment (co-organized), Room 10, 13:30–17:00
Thursday, 07 April	
TH1 , 08:30–10:00	BG5.1 , Integration of Environmental, Socio-Economic and Climatic Change Studies in Northern Eurasia (co-listed), Room 23, 08:30–12:00
	GM7.6/HS12.5 , Sedimentary source-to-sink fluxes and sediment budgets (co-organized), Room 21, 08:30–10:00
	HS2.5 , Catchment modeling: Towards a multi-disciplinary approach in physically-based hydrologic modeling from the field to the basin scale, Room 38, 08:30–12:00
	HS2.14/NH3.13 , Landslide hydrology: from hillslope hydrology to landslide understanding (co-organized), Room 36, 08:30–12:00
	HS4.2 , Hydrological forecasting: application, uncertainty estimation, data assimilation and decision-making, Room 33, 08:30–12:00
	HS8.2.1 , Stochastic groundwater hydrology, Room 34, 08:30–12:00
	HS8.3.4 , New approaches for low-invasive site characterization towards sustainable remediation, Room 39, 08:30–10:00
TH2 , 10:30–12:00	BG5.1 , Integration of Environmental, Socio-Economic and Climatic Change Studies in Northern Eurasia (co-listed), Room 23, 08:30–12:00

	GM1.2/SSP3.7 , Teleconnections: Far-field links in sedimentary source-to-sink systems (GSL/GSA Session) (co-listed), Room 21, 10:30–12:00
	HS2.5 , Catchment modeling: Towards a multi-disciplinary approach in physically-based hydrologic modeling from the field to the basin scale, Room 38, 08:30–12:00
	HS2.14/NH3.13 , Landslide hydrology: from hillslope hydrology to landslide understanding (co-organized), Room 36, 08:30–12:00
	HS4.2 , Hydrological forecasting: application, uncertainty estimation, data assimilation and decision-making, Room 33, 08:30–12:00
	HS8.2.1 , Stochastic groundwater hydrology, Room 34, 08:30–12:00
	HS8.3.6 , The role of interfaces in flow and transport in porous media, Room 39, 10:30–12:00
TH3, 13:30–15:00	ESSI8 , Uncertainty in Environmental Data and Models (co-listed), Room 19, 13:30–17:00
	GI-11 , Geophysical tomography with high-energy particles: recent developments and applications (co-listed), Room 42, 13:30–15:00
	HS2.16 , Water quality at the catchment scale: Advances in measuring and modeling nutrient, sediment, and contaminant fluxes, Room 36, 13:30–17:00
	HS4.3/AS4.13/NH1.12 , Towards practical applications in ensemble hydro-meteorological forecasting (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), Room 33, 13:30–17:00
	HS8.2.7 , Management, protection, and sustainable use of groundwater in arid, humid or arctic areas under a changing environment, Room 39, 13:30–15:00
	HS8.3.5 , Trace gases emissions from soils: Sources, mechanisms and process rates, Room 34, 13:30–17:15
	HS10.3 , Interactions between surface water, groundwater, and the hyporheic zone, Room 38, 13:30–17:00
	NP3.7 , Geophysical Downscaling Methods (co-listed), Room 13, 13:30–15:15
TH4, 15:30–17:00	ESSI8 , Uncertainty in Environmental Data and Models (co-listed), Room 19, 13:30–17:00
	HS2.16 , Water quality at the catchment scale: Advances in measuring and modeling nutrient, sediment, and contaminant fluxes, Room 36, 13:30–17:00
	HS4.3/AS4.13/NH1.12 , Towards practical applications in ensemble hydro-meteorological forecasting (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), Room 33, 13:30–17:00
	HS8.3.5 , Trace gases emissions from soils: Sources, mechanisms and process rates, Room 34, 13:30–17:15
	HS9.3 , Sediment transport monitoring and modeling in rivers, Room 39, 15:30–17:00
	HS10.3 , Interactions between surface water, groundwater, and the hyporheic zone, Room 38, 13:30–17:00
	TS4.2/GD2.7/GM7.7/HS12.15/SSP3.2 , From Source to Sink: Quantification of mass transfer from mountain ranges to active sedimentary basins (co-organized), Room 28, 15:30–17:00
TH6, 19:00–20:00	ML17 , Henry Darcy Medal Lecture by Ján Szolgay (co-listed), Room 33, 18:30–19:30

Friday, 08 April

FR1, 08:30–10:00	GM7.1/HS12.3 , Interactions of hydraulics, sediment transport and channel morphology (co-organized), Room 21, 08:30–10:00
	HS2.8 , Large scale hydrology: observations and modelling, Room 38, 08:30–12:00
	HS2.16 , Water quality at the catchment scale: Advances in measuring and modeling nutrient, sediment, and contaminant fluxes, Room 36, 13:30–17:00
	HS8.2.6 , Fissured and karstified aquifers, Room 34, 08:30–12:00
	HS9.2/GM3.4/SSS2.10 , Erosion and sediment delivery in agricultural landscapes: monitoring, modelling and management (co-organized), Room 39, 08:30–12:00
	HS10.6 , Climate-soil and vegetation interactions in ecological-hydrological processes, Room 33, 08:30–12:00
	SSS2.2/EMRP15/GM10.2/PS7.0 , Modeling the Experiment, Experimenting the Models (co-listed), Room 9, 08:30–15:00
FR2, 10:30–12:00	HS2.8 , Large scale hydrology: observations and modelling, Room 38, 08:30–12:00
	HS2.17 , Water quality at the catchment scale: Fate and transport of micropollutants, Room 36, 10:30–15:00
	HS8.2.6 , Fissured and karstified aquifers, Room 34, 08:30–12:00
	HS9.2/GM3.4/SSS2.10 , Erosion and sediment delivery in agricultural landscapes: monitoring, modelling and management (co-organized), Room 39, 08:30–12:00
	HS10.6 , Climate-soil and vegetation interactions in ecological-hydrological processes, Room 33, 08:30–12:00
	SSS2.2/EMRP15/GM10.2/PS7.0 , Modeling the Experiment, Experimenting the Models (co-listed), Room 9, 08:30–15:00
FR3, 13:30–15:00	HS2.17 , Water quality at the catchment scale: Fate and transport of micropollutants, Room 36, 10:30–15:00
	HS8.2.4/IG21 , Groundwater Dating: Applications and current problems (co-organized), Room 39, 13:30–15:00
	HS8.2.5/TS2.7 , Multidisciplinary Approaches to Fault Zone Hydrogeology (co-organized), Room 34, 13:30–15:00
	HS9.4/GM7.5 , Transfer and storage of sediment and associated substances in river basins: : budgets, pathways, transit times, and ecological feedbacks (co-organized), Room 38, 13:30–17:00
	HS10.2/OS2.3 , Lakes and inland seas (co-organized), Room 33, 13:30–17:15
	SSS2.2/EMRP15/GM10.2/PS7.0 , Modeling the Experiment, Experimenting the Models (co-listed), Room 9, 08:30–15:00
FR4, 15:30–17:00	ERE5.1/GMPV32/HS12.1/SSS2.9 , Coupled reactive transport: Codes, applications and trends (co-organized), Room 3, 15:30–17:00
	HS1.2/EOS08 , Challenges for Future Hydrology Education in a Changing World (co-organized), Room 39, 15:30–17:15
	HS2.18 , Integrated Water Resources Management: linking hydrology and human activities in decision support systems for an uncertain future, Room 36, 15:30–17:00
	HS8.2.3 , Characterizing contaminant fate in the subsurface using physical, chemical, microbial and isotopic tools, Room 34, 15:30–17:00
	HS9.4/GM7.5 , Transfer and storage of sediment and associated substances in river basins: : budgets, pathways, transit times, and ecological feedbacks (co-organized), Room 38, 13:30–17:00

HS10.2/OS2.3 , Lakes and inland seas (co-organized), Room 33, 13:30–17:15
NH1.3/HS12.7 , Flood risk and uncertainty (co-organized), Room 4, 15:30–17:00
SSS1.2/HS12.13/NP3.11 , Wind-driven rain and aeolian sediment transport in environmental studies (co-organized), Room 9, 15:30–17:00

HS – Hydrological Sciences – Poster Sessions**Monday, 04 April**

MO3 , 13:30–15:00	NP3.7 , Geophysical Downscaling Methods (co-listed), Halls X/Y, XY524–XY542
MO5 , 17:30–19:00	BG1.5 , Remote Sensing in the Biogeosciences (co-listed), Poster Area BG, BG20–BG38
	BG1.6/OS3.7/SSS4.6 , Stabilization of organic matter in soils, sediments and marine dissolved organic matter (co-listed), Poster Area BG, BG39–BG56
	GM8.3 , Coastal zone geomorphologic interactions: natural versus human-induced driving factors (co-listed), Hall A, A192–A209
	HS1.5 , Innovative techniques and unintended use of measurement equipment, Hall A, A223–A240
	HS2.1 , Hydrologic Similarity at the Catchment Scale, Hall A, A241–A258
	HS2.2 , Observational hydrology: Recent developments in distributed sensing techniques and experimental catchments, Hall A, A259–A276
	HS2.3 , Observational hydrology: Recent development in isotope and other tracer methods, Hall A, A277–A293
	HS2.12 , Mountain hydrology: Observations, processes and models, Hall A, A294–A317
	HS2.13 , Mountain Hydrology: Monitoring and modeling of snow, Hall A, A318–A330
	HS3.1 , Geostatistics for space-time analysis of hydrological events, Hall A, A331–A346
	HS3.2 , Hydroinformatics: computational intelligence and systems analysis, Hall A, A347–A366
	HS7.1/AS4.8/NH1.10/NP3.9 , Precipitation: from measurement to modelling and application in catchment hydrology (co-organized), Hall A, A367–A393
	HS7.3/CL3.7/NP1.4 , Climate, water and health (co-organized), Hall A, A394–A407
	HS7.5/NP6.7 , Hydroclimatic stochasticity (co-organized), Hall A, A408–A419
	HS8.1.1 , Subsurface flow, solute transport, and energy processes: Concepts, modelling, and observations, Hall A, A420–A435
	HS8.1.2 , Hydrogeophysics in subsurface hydrology, Hall A, A436–A449
	HS8.1.7 , Fate and Transport of Biocolloids in Environmental Systems, Hall A, A450–A467
	NH1.2/AS4.7/HS12.6 , Hydrometeorological modeling and Earth observations under extremes: issues of scale, dependence and robust frameworks for collective risk assessment (co-organized), Halls X/Y, XY360–XY377
	NH3.1/HS8.1.6 , Mechanisms and processes of landslides induced by water (co-organized), Halls X/Y, XY415–XY433
	SSS2.6/HS12.12/NP3.12 , Sediment dynamics, models and scaling (co-organized), Hall Z, Z58–Z77
	TS2.3/EMRP14 , Fracturing, sealing and fluid flow in reservoirs and fault zones (co-listed), Hall XL, XL313–XL337

Tuesday, 05 April

TU4 , 15:30–17:00	ESSI7 , Earth System Modeling: Strategies and Software (co-listed), Hall XL, XL159–XL169
TU5 , 17:30–19:00	HS1.3 , The Future of Water Cycle Observing Systems (by Invitation only), Hall A, A167–A167
	HS1.4 , EO for Water Cycle Science, Hall A, A168–A183
	HS2.9 , Hydrological change: Regional hydrological behaviour under transient climate and land use conditions, Hall A, A184–A219
	HS2.10 , Hydrological change: Ecological development, landscape evolution and hydrological response, Hall A, A220–A238
	HS4.1/NH1.11 , Flash floods: observations, modeling, forecasting and risk management (co-organized), Hall A, A239–A258
	HS4.5 , Drought and water scarcity: hydrological monitoring, modeling and forecasting, Hall A, A259–A271
	HS5.1 , Assessment and management of water resources in tropical and dryland countries, Hall A, A272–A293
	HS5.3 , Stakeholder participation in hydrology, Hall A, A294–A307
	HS5.5 , Drought, Water Scarcity and Food Security: Forecasting, warning and natural resources management, Hall A, A308–A321
	HS5.7 , Computational methods for management and optimization of water resources systems, Hall A, A322–A335
	HS6.1 , The Third Pole Environment - Observation and modelling of hydrometeorological processes in high elevation areas, Hall A, A336–A345
	HS6.3 , Assimilation of remote sensing data for distributed land surface modeling, Hall A, A346–A356
	HS6.4 , Catchment hydrology and remote sensing: parameter retrieval and integration with models, Hall A, A357–A371
	HS6.5 , High-resolution remote sensing in hydrology, Hall A, A372–A383
	HS6.7 , SMOS Data Exploitation: Beyond soil moisture and ocean salinity, Hall A, A384–A389
	HS6.8 , Soil moisture applications based on SMOS data, Hall A, A390–A398
	HS7.4/AS4.9/CL3.4 , Hydrological change versus climate change (co-organized), Hall A, A399–A422
	HS8.3.2 , Monitoring and modelling for transfer processes in the soil-plant-atmosphere continuum, Hall A, A423–A441
	HS8.3.7 , Unsaturated zone flow and transport processes: from science to soil and water management, Hall A, A442–A465
	SSS2.3/GM3.7/HS12.11 , 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), Hall Z, Z36–Z47
SSS2.5 , Soil and irrigation sustainability practices (co-listed), Hall Z, Z48–Z62	
Wednesday, 06 April	
WE4 , 15:30–17:00	HS2.11/NH1.14 , Hydrological extremes: from droughts to floods (co-organized), Hall A, A204–A243
	HS2.20 , Floodplain processes and inundation modelling, Hall A, A256–A267
	HS2.21/NP3.13 , Scaling, subgrid models, downscaling and parameterization (co-organized), Hall A, A268–A283
	HS5.4 , Advances in Modeling of Coupled Hydrologic-Socioeconomic Systems, Hall A, A284–A299

	HS5.6 , Water quality modeling: from research tools to information systems for stakeholders and managers, Hall A, A300–A313
	HS6.2 , Remote sensing of soil moisture, Hall A, A314–A330
	HS8.1.5 , Groundwater recharge: Processes and Quantification, Hall A, A346–A360
	HS10.1/GM8.1 , Coasts, Estuaries and Deltas (co-organized), Hall A, A391–A419
	HS10.4 , Agriculture and water resources from the hydrological point of view, Hall A, A420–A433
WE5 , 17:30–19:00	EMRP10/TS2.10 , The transport properties of geomaterials: Theory, modelling, measurement, application and integration (co-listed), Hall A, A14–A31
	EOS04 , Contemporary Education in a Changing World (co-listed), Hall XL, XL1–XL16
	ERE1.7 , Geothermal Energy (co-listed), Hall XL, XL171–XL216
	GM4.2/GMPV52/HS12.2/SSS2.15 , Erosion and Terrestrial Carbon Cycling (co-organized), Hall A, A129–A143
	HS1.6 , Metrics and the Use of Data in Hydrology to support Model Structure Improvement, Hall A, A178–A203
	HS2.19 , Linking hydrology to hydraulic engineering in a changing environment (co-sponsored by IAHR), Hall A, A244–A255
	HS8.1.3 , Combining modelling and measuring to improve understanding of subsurface flow and transport systems, Hall A, A331–A345
	HS8.2.9 , Sedimentary basins as active fluid circulation systems, Hall A, A362–A372
	HS8.3.1 , Soil-plant interactions from the rhizosphere to field scale, Hall A, A373–A390
	HS10.5 , Hydropower production operations: abiotic and biotic effects, release management and mitigation/restoration options, Hall A, A434–A445
	NH1.6/HS12.8 , ICT-based hydrometeorology science and natural disaster societal impact assessment (co-organized), Halls X/Y, XY284–XY298
	NP2.3/AS4.20/CL4.6/GM2.7/HS12.9 , Modelling and Understanding Geophysical Systems as Complex Networks (co-organized), Halls X/Y, XY435–XY446
	SSS2.11/HS12.14 , Linking preferential flow and structures across scales: pore to pedon to landscape (co-organized), Hall Z, Z77–Z89
Thursday, 07 April	
TH5 , 17:30–19:00	ESSI8 , Uncertainty in Environmental Data and Models (co-listed), Hall XL, XL199–XL215
	GI-11 , Geophysical tomography with high-energy particles: recent developments and applications (co-listed), Hall A, A103–A109
	GM1.2/SSP3.7 , Teleconnections: Far-field links in sedimentary source-to-sink systems (GSL/GSA Session) (co-listed), Hall A, A110–A115
	GM7.6/HS12.5 , Sedimentary source-to-sink fluxes and sediment budgets (co-organized), Hall A, A149–A159
	HS2.5 , Catchment modeling: Towards a multi-disciplinary approach in physically-based hydrologic modeling from the field to the basin scale, Hall A, A233–A246
	HS2.14/NH3.13 , Landslide hydrology: from hillslope hydrology to landslide understanding (co-organized), Hall A, A247–A273
	HS4.2 , Hydrological forecasting: application, uncertainty estimation, data assimilation and decision-making, Hall A, A274–A292

	HS4.3/AS4.13/NH1.12 , Towards practical applications in ensemble hydro-meteorological forecasting (including Arne Richter Award for Outstanding Young Scientists Lecture) (co-organized), Hall A, A293–A311
	HS8.2.1 , Stochastic groundwater hydrology, Hall A, A312–A334
	HS8.2.7 , Management, protection, and sustainable use of groundwater in arid, humid or arctic areas under a changing environment, Hall A, A335–A345
	HS8.3.4 , New approaches for low-invasive site characterization towards sustainable remediation, Hall A, A346–A359
	HS8.3.5 , Trace gases emissions from soils: Sources, mechanisms and process rates, Hall A, A360–A382
	HS8.3.6 , The role of interfaces in flow and transport in porous media, Hall A, A383–A397
	HS9.3 , Sediment transport monitoring and modeling in rivers, Hall A, A398–A410
	HS9.8 , Land-water interaction at the river basin scale: ecohydrology approaches to understanding the impact of upstream processes on downstream estuarine and coastal ecosystems, Hall A, A411–A419
	HS10.3 , Interactions between surface water, groundwater, and the hyporheic zone, Hall A, A420–A437
	TS4.2/GD2.7/GM7.7/HS12.15/SSP3.2 , From Source to Sink: Quantification of mass transfer from mountain ranges to active sedimentary basins (co-organized), Hall XL, XL335–XL347
Friday, 08 April	
FR1, 08:30–10:00	HS1.2/EOS08 , Challenges for Future Hydrology Education in a Changing World (co-organized), Hall A, A172–A173
	SSS1.2/HS12.13/NP3.11 , Wind-driven rain and aeolian sediment transport in environmental studies (co-organized), Hall Z, Z49–Z57
FR2, 10:30–12:00	BG5.1 , Integration of Environmental, Socio-Economic and Climatic Change Studies in Northern Eurasia (co-listed), Poster Area BG, BG89–BG111
	GM7.1/HS12.3 , Interactions of hydraulics, sediment transport and channel morphology (co-organized), Hall A, A133–A153
	HS2.16 , Water quality at the catchment scale: Advances in measuring and modeling nutrient, sediment, and contaminant fluxes, Hall A, A189–A227
	HS9.4/GM7.5 , Transfer and storage of sediment and associated substances in river basins: : budgets, pathways, transit times, and ecological feedbacks (co-organized), Hall A, A330–A353
	HS10.2/OS2.3 , Lakes and inland seas (co-organized), Hall A, A355–A370
FR3, 13:30–15:00	ERE5.1/GMPV32/HS12.1/SSS2.9 , Coupled reactive transport: Codes, applications and trends (co-organized), Hall XL, XL179–XL196
	HS2.8 , Large scale hydrology: observations and modelling, Hall A, A174–A188
	HS2.18 , Integrated Water Resources Management: linking hydrology and human activities in decision support systems for an uncertain future, Hall A, A247–A260
	HS8.2.3 , Characterizing contaminant fate in the subsurface using physical, chemical, microbial and isotopic tools, Hall A, A261–A275
	HS8.2.6 , Fissured and karstified aquifers, Hall A, A302–A316

	HS9.2/GM3.4/SSS2.10 , Erosion and sediment delivery in agricultural landscapes: monitoring, modelling and management (co-organized), Hall A, A317–A329
	HS10.6 , Climate-soil and vegetation interactions in ecological-hydrological processes, Hall A, A371–A396
	NH1.3/HS12.7 , Flood risk and uncertainty (co-organized), Halls X/Y, XY201–XY213
FR4, 15:30–17:00	HS2.17 , Water quality at the catchment scale: Fate and transport of micropollutants, Hall A, A228–A246
	HS8.2.4/IG21 , Groundwater Dating: Applications and current problems (co-organized), Hall A, A276–A285
	HS8.2.5/TS2.7 , Multidisciplinary Approaches to Fault Zone Hydrogeology (co-organized), Hall A, A286–A301
	SSS2.2/EMRP15/GM10.2/PS7.0 , Modeling the Experiment, Experimenting the Models (co-listed), Hall Z, Z58–Z84