

Session	Authors	Title	Type (Poster/Oral/PICO)	Time	Abstract#	Link
CL5.01 - Climate Services - Underpinning Science	Janet Wijngaard et al.	Improving Predictions and Management of Hydrological Extremes	PICO	Wed, 26 Apr, 13:52–13:54	EGU2017-7753	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-7753.pdf
EOS9 - Show your best geoscience teaching innovation!	Guillaume Thirel et al.	airGRteaching: an R-package designed for teaching hydrology with lumped hydrological models	PICO	Wed, 26 Apr, 10:30–10:32	EGU2017-11789	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-11789.pdf
HS1.2 - Hydrology, society and environmental change	Morgane Terrier et al.	Comparison of three different streamflow naturalization methods: an application for the Seine river basin	P	Monday, 24 Apr 2017, 08:00-19:30	EGU2017-6403	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-6403.pdf
HS1.2 - Hydrology, society and environmental change	Alban de Lavenne et al.	A dam-reservoir module for a semi-distributed hydrological model	P	Monday, 24 Apr 2017, 08:00-19:30	EGU2017-8956	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-8956.pdf
HS1.4 - (Ir-)relevant scales in hydrology: Which scales matter for water resources management?	Alban de Lavenne et al.	Progressive refining of spatial and temporal resolutions in a hydrological model: how far should we go?	P	Wed, 26 Apr, 17:30–19:00	EGU2017-10125	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-10125.pdf
HS1.6 - Data Assimilation for Integrated Hydrological Models and Earth System Models	Gaia Piazzi et al.	Snow multivariable data assimilation for hydrological predictions in Alpine sites	O	Fri, 28 Apr, 11:30–11:45	EGU2017-7777	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-7777.pdf
HS2.1.1 - Hydrological extremes: from droughts to floods	Theano Iliopoulou et al.	Investigating the physical basis of river memory and application to flood frequency prediction	P	Wed, 26 Apr, 17:30–19:00	EGU2017-14533	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-14533.pdf
HS2.1.1 - Hydrological extremes: from droughts to floods	Marco Brettschneider et al.	Conditional flood frequency and catchment state: a simulation approach	P	Wed, 26 Apr, 17:30–19:00	EGU2017-14812	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-14812.pdf
HS2.1.2 - On the interaction of models and hydrological knowledge: the battle of reducing uncertainty and increasing realism	Léonard Santos et al.	A state-space representation of the GR4J rainfall-runoff model	P	Monday, 24 Apr 2017, 08:00-19:30	EGU2017-4851	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-4851.pdf
HS2.1.2 - On the interaction of models and hydrological knowledge: the battle of reducing uncertainty and increasing realism	Guillaume Thirel et al.	The last developments of the airGR R-package, an open source software for rainfall-runoff modelling	P	Monday, 24 Apr 2017, 08:00-19:30	EGU2017-7311	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-7311.pdf
HS2.2.1 Mountains and snow: Monitoring and modeling of snow	Juraj Parajka et al.	Estimation of snow line elevation changes from MODIS snow cover data	P	Mon, 24 Apr, 17:30–19:00	EGU2017-14873	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-14873.pdf
HS2.2.1 Mountains and snow: Monitoring and modeling of snow	Philippe Riboust et al.	A conceptual snow model with an analytic resolution of the heat and phase change equations	P	Mon, 24 Apr, 17:30–19:00	EGU2017-7492	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-7492.pdf
HS2.2.1 Mountains and snow: Monitoring and modeling of snow	Gaia Piazzi et al.	A comparison study of two snow models using data from different Alpine sites	P	Mon, 24 Apr, 17:30–19:00	EGU2017-8555	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-8555.pdf
HS2.3.3 - Controls of non-stationary catchment response and spatial water quality dynamics	Stephane Ecrepont et al.	Towards hydrochemical PUB – stable vs. heterogeneous NO3 and COD signatures across hydrographic structure and size	P	Fri, 28 Apr, 17:30–19:00	EGU2017-6238	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-6238-1.pdf
HS2.4.4 - Water, droughts, and biosphere-atmosphere interactions under climate change and variability	Vazken Andréassian and Alban de Lavenne	Even great ideas have limits – examining the Turc-Mezentsev and the Tixeront-Fu water balance formulas	O	Tue, 25 Apr, 15:30–15:45	EGU2017-13715	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-13715-1.pdf
HS3.1 - Hydroinformatics: computational intelligence, systems analysis, optimisation, data science and data-driven modelling of social-hydrologic systems	Léonard Santos et al.	Can the super model (SUMO) method improve hydrological simulations? Exploratory tests with the GR hydrological models	P	Friday, 28 Apr 2017, 08:00-19:30	EGU2017-4638	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-4638.pdf
HS4.2/NH1.11 - Predictability, predictive uncertainty estimation and decision-making in hydrologic forecasting	Lionel Berthet et al.	Combining empirical approaches and error modelling to enhance predictive uncertainty estimation in extrapolation for operational flood forecasting. Tests on flood events on the Loire basin, France	O	Thursday, 27 Apr 2017, 14:30	EGU2017-15679	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-15679.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	François Bourgin et al.	Hydrological-oriented verification for ensemble forecasting systems: the case of the PIT diagram	P	Friday, 28 Apr 2017, 08:00-19:30	EGU2017-12460	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-12460.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Manon Cassagnole et al.	Is the economic value of hydrological forecasts related to their quality? Case study of the hydropower sector	P	Fri, 28 Apr, 17:30–19:00	EGU2017-9073	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-9073.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Louise Crochemore et al.	How to compare what seems incomparable in seasonal hydrological forecasting?	O	Friday, 28 Apr 2017, 16:00	EGU2017-9497	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-9497.pdf

HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Maria-Helena Ramos et al.	Role-play games, experiments, workshops, blog posts: how community activities in HEPEx contribute to advance hydrologic ensemble prediction	P	Friday, 28 Apr 2017, 08:00-19:30	EGU2017-15664	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-15664.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Micha Werner et al.	Weighing costs and losses: A decision making game using probabilistic forecasts	P	Friday, 28 Apr 2017, 08:00-19:30	EGU2017-11006	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-11066.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Francesco Dottori et al.	Testing an innovative framework for flood forecasting, monitoring and mapping in Europe	P	Friday, 28 Apr 2017, 08:00-19:30	EGU2017-13394	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-13394.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Francesco Dottori et al.	Satellites, tweets, forecasts: the future of flood disaster management?	O	Friday, 28 Apr 2017, 14:45	EGU2017-13129	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-13129.pdf
HS4.3/AS4.36/NH1.12 - Ensemble hydro-meteorological forecasting	Julie Demargne et al.	Hydrologic ensembles based on convection-permitting precipitation nowcasts for flash flood warnings	O	Friday, 28 Apr 2017, 14:15	EGU2017-17758	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-17758.pdf
HS4.5/NH1.13 - Operational forecasting and warning systems for natural hazards: challenges and innovation	Louise Arnal et al.	Pathways to designing and running an operational flood forecasting system: an adventure game!	PICO	Wed, 26 Apr, 10:32-10:34	EGU2017-14301	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-14301.pdf
HS4.6/CL3.02 - From sub-seasonal forecasting to climate projections: predicting hydrologic extremes and servicing water managers	Tongtiengang Zhao et al.	Should we use quantile mapping to post-process seasonal GCM precipitation forecasts?	O	Fri, 28 Apr, 11:45-12:00	EGU2017-11214	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-11214-1.pdf
HS4.6/CL3.02 - From sub-seasonal forecasting to climate projections: predicting hydrologic extremes and servicing water managers	Louise Crochemore et al.	On the impact of bias correcting and conditioning precipitation inputs on seasonal streamflow forecast quality	P	Friday, 28 Apr 2017, 08:00-19:30	EGU2017-17249	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-17249.pdf
HS7.4 - Climatic variability and the hydrological cycle	Jean-Philippe Vidal et al.	Downscaling and hydrological uncertainties in 20th century hydrometeorological reconstructions over France	P	Wed, 26 Apr, 17:30-19:00	EGU2017-7439	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-7439.pdf
NH1.3/HS11.25 - Flood risk and uncertainty (including Plinius Medal Lecture)	Cédric Rebolho et al.	Linking flood peak, flood volume and inundation extent: a DEM-based approach	P	Thu, 27 Apr, 17:30-19:00	EGU2017-12651	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-12651.pdf
NP5.3/AS1.2/HS4.8 - Advances in statistical post-processing for deterministic and ensemble forecasts	Pablo Mendoza et al.	Improving medium-range ensemble streamflow forecasts through statistical post-processing	O	Thu, 27 Apr, 09:45-10:00	EGU2017-11237	http://meetingorganizer.copernicus.org/EGU2017/EGU2017-11237.pdf

Session organization

Session	Conveners
HS4.3/AS4.36/NH1.12 Ensemble hydro-meteorological forecasting	Fredrik Wetterhall Co-Conveners: Schalk Jan van Andel , Maria-Helena Ramos , Jan Verkade , Kolbjorn Engeland , Rodrigo Paiva , Tomasz Niedzielski
HS5.10 Hydrological Sciences and Water Footprint Assessment for monitoring and achieving the Sustainable Development Goals	Joep Schyns Co-Conveners: Ashok Chapagain , Albrecht Weerts , Stefania Tamea , Maria-Helena Ramos , Saket Pande , Stefan Dekker , Marta Antonelli
SC52/HS12.5 Short course on Hydrological Forecasting	Shaun Harrigan Co-Conveners: Marie-Amélie Boucher , Jan Verkade , Maria-Helena Ramos
Session HS2.2.1 Mountains and snow: Monitoring and modeling of snow	Guillaume Thirel Co-Conveners: Ladislav Holko , Juraj Parajka , Francesco Avanzi
SMP60 HS4 Sub-Division Hydrological Forecasting Meeting	Maria-Helena Ramos