

## Participation of the HYDRO team in the conference EGU 2023: <https://www.egu23.eu/>

Sessions convened by the researchers of the HYDRO Team				
Session	Convener	When	Room	Link to session
Programme Committee Co-Chairs	Maria-Helena Ramos, Athanasios Neves	23–28 April 2023		<a href="https://egu23.eu/about/programme_committee_composition.html">https://egu23.eu/about/programme_committee_composition.html</a>
DM7 Division meeting for Hydrological Sciences (HS)	Conveners: Maria-Helena Ramos, Alberto Viglione	Tue, 25 Apr, 12:45–13:45	Room B	
HS1.1.1 The Science-policy interface in hydrology	Convener: Maria-Helena Ramos   Co-conveners: Elena Toth, Wouter Buytaert, Micha Werner	Mon, 24 Apr, 14:00–15:45	Room 3.16/17	<a href="https://meetingorganizer.copernicus.org/EGU23/session/45990">https://meetingorganizer.copernicus.org/EGU23/session/45990</a>
HS2.1.7 From snow and glacier hydrology to catchment runoff	Convener: Francesco Avanzi   Co-conveners: Guillaume Thirel, Doris Duethmann, Abror Gafurov, Giulia Mazzotti	Wed, 26 Apr, 14:00–18:00	Room 2.44	<a href="https://meetingorganizer.copernicus.org/EGU23/session/45133">https://meetingorganizer.copernicus.org/EGU23/session/45133</a>

Presentations by the researchers of the HYDRO Team				
Abstract number and title	Authors	When	Room	Link to abstract
EGU23-5735   Orals   HS4.3 A polyglot tool for the evaluation of deterministic and probabilistic streamflow predictions	Thibault Hallouin, François Bourgin, Charles Perrin, Maria-Helena Ramos, and Vazken Andréassian	Mon, 24 Apr, 14:50–15:00	Room 2.31	<a href="https://doi.org/10.5194/egusphere-egu23-5735">https://doi.org/10.5194/egusphere-egu23-5735</a>
EGU23-5199   Posters virtual   HS3.3 How do machine learning models deal with inter-catchment groundwater flows?	Nicolas Weaver, Taha-Abderrahman El-Ouahabi, Thibault Hallouin, François Bourgin, Charles Perrin, and Vazken Andréassian	Tue, 25 Apr, 08:30–10:15	vHall HS	<a href="https://doi.org/10.5194/egusphere-egu23-5199">https://doi.org/10.5194/egusphere-egu23-5199</a>
EGU23-12694   Posters on site   HS4.6 Comparing drought simulation performance from large-scale and locally set up hydrological models for large mountainous rivers in Switzerland	Annie Y.-Y. Chang, Konrad Bogner, Maria-Helena Ramos, Shaun Harrigan, Daniela I.V. Domeisen, and Massimiliano Zappa	Tue, 25 Apr, 14:00–15:45	Hall A   A.80	<a href="https://doi.org/10.5194/egusphere-egu23-12694">https://doi.org/10.5194/egusphere-egu23-12694</a>
EGU23-8697   Posters virtual   HS5.1 Risk-based flood and drought management for multiple reservoirs in a non-stationary climate: application to the Seine River	David Dorchies, Olivier Delaigue, Idris Kahiyeh-Moumin, Florian Ricquier, and Guillaume Thirel	Tue, 25 Apr, 16:15–18:00	vHall HS	<a href="https://doi.org/10.5194/egusphere-egu23-8697">https://doi.org/10.5194/egusphere-egu23-8697</a>
EGU23-12160   Posters on site   HS5.1 Build and evaluate climate change adaptation with a parsimonious integrated agro-hydrological model over a catchment in northeastern France	Myriam Soutif-Bellenger, Guillaume Thirel, Sara Fernandez, and David Dorchies	Tue, 25 Apr, 16:15–18:00	Hall A   A.103	<a href="https://doi.org/10.5194/egusphere-egu23-12160">https://doi.org/10.5194/egusphere-egu23-12160</a>
EGU23-14684   Posters on site   HS2.2.7 Inferring the dynamics of StorAge Selection functions from GR4J	Alban de Lavenne, Julien Tournebize, Hocine Henine, and Vazken Andréassian	Wed, 26 Apr, 14:00–15:45	Hall A   A.46	<a href="https://doi.org/10.5194/egusphere-egu23-14684">https://doi.org/10.5194/egusphere-egu23-14684</a>
EGU23-15983   Posters on site   ESS12.10 Evolving hydrological flood forecasting systems with globally-configured on demand high-resolution services	Ursula McKnight, René Capell, and Peter Berg and the DE_330_MF Hydrology Team (Maria-Helena Ramos, François Tilmant)	Thu, 27 Apr, 08:30–10:15	Hall X4   X4.171	<a href="https://doi.org/10.5194/egusphere-egu23-15983">https://doi.org/10.5194/egusphere-egu23-15983</a>
EGU23-5492   PICO   HS2.1.8 Estimating the parameters of a flood forecasting model: with or without updating procedures?	Paul C. Astagneau, François Bourgin, Vazken Andréassian, and Charles Perrin	Thu, 27 Apr, 11:22–11:24	PICO spot 3b	<a href="https://doi.org/10.5194/egusphere-egu23-5492">https://doi.org/10.5194/egusphere-egu23-5492</a>
EGU23-7409   Orals   HS2.4.4 The outstanding 2022 hydrological drought in France within a 150-year historical context	Jean-Philippe Vidal, Alexandre Devers, Claire Lauvernet, Louis Héraud, and Olivier Delaigue	Fri, 28 Apr, 11:05–11:15	Room B	<a href="https://doi.org/10.5194/egusphere-egu23-7409">https://doi.org/10.5194/egusphere-egu23-7409</a>

EGU23-13397   Orals   HS2.2.1 How could we improve the spatial consistency of water fluxes in a semi-distributed hydrological model? A multi-criteria approach	Shu-Chen Hsu, Alban de Lavenne, Charles Perrin, and Vazken Andréassian	Fri, 28 Apr, 11:25–11:35	Room 2.44	<a href="https://doi.org/10.5194/egusphere-egu23-13397">https://doi.org/10.5194/egusphere-egu23-13397</a>
EGU23-12558   Orals   HS2.2.1 Multi-model approach in a variable spatial framework for streamflow simulation	Cyril Thébault, Charles Perrin, Vazken Andréassian, Guillaume Thirel, Sébastien Legrand, and Olivier Delaigue	Fri, 28 Apr, 11:35–11:45	Room 2.44	<a href="https://doi.org/10.5194/egusphere-egu23-12558">https://doi.org/10.5194/egusphere-egu23-12558</a>
EGU23-5399   PICO   HS4.4   Highlight How the diversity of locally driven operational hydrological prediction systems can support globally configured on-demand high-resolution services	Maria-Helena Ramos and Ursula McKnight and the DE_330-MF Hydrology Team (François Tilmant)	Fri, 28 Apr, 14:05–14:07	PICO spot 4	<a href="https://doi.org/10.5194/egusphere-egu23-5399">https://doi.org/10.5194/egusphere-egu23-5399</a>
EGU23-11221   PICO   HS1.1.4 Progress and perspectives in hydrological modelling and forecasting across scales	Antara Dasgupta and the Joint Virtual Workshop ECMWF-CEMS-C3S-HEPEX-GFP Team (Maria-Helena Ramos)	Fri, 28 Apr, 16:36–16:38	PICO spot 3b	<a href="https://doi.org/10.5194/egusphere-egu23-11221">https://doi.org/10.5194/egusphere-egu23-11221</a>
EGU23-6490   Orals   HS10.9   Highlight Impact of extreme hydro-meteorological events on the anoxia dynamics in a small urban lake	Brigitte Vinçon-Leite, Guilherme Calabro-Souza, Felipe Breton, Céline Casenave, Mohamed Saad, Philippe Dubois, Bruno J. Lemaire, and Francesco Piccioni	Fri, 28 Apr, 17:20–17:30	Room 2.31	<a href="https://doi.org/10.5194/egusphere-egu23-6490">https://doi.org/10.5194/egusphere-egu23-6490</a>