

Participation of the HYDRO team in the conference IAHS 2022: <http://www.iahs2022.org>

Organization, sessions convened and workshops organized by the researchers of the HYDRO Team			
Organizing Committee	Guillaume Thirel, Charles Perrin		http://www.iahs2022.org/committees.asp?lang=en
W07. IAHS airGR/airGRteaching workshop: Rainfall-runoff modelling with the open-source airGR and airGRteaching R packages	Olivier Delaigue, Guillaume Thirel, Charles Perrin, David Dorchies	28 and 29 May	http://www.iahs2022.org/workshops.asp
W08. When are hydrological data informative (or not)? Testing for information content in the face of sources of uncertainty	Pierre Brigode, Vazken Andréassian, Stacey Archfield, Keith Beven, Louise Crochemore, Alexander Gelfan, Julien Lerat and Ralf Merz	Tbc	http://www.iahs2022.org/workshops.asp
S10. Forecasting and making decisions under uncertainty: ensemble approaches, evaluation methods and lessons learnt from post-event analyses	Convener: Shaun Harrigan Co-Conveners: James Bennett, Marie-Amélie Boucher, Celine Cattoën-Gilbert, Fernando Mainardi Fan, Ilias Pechlivanidis, Maria-Helena Ramos, Paolo Reggiani	Orals Thu, 02 Jun, 08:30–15:00 Room Barthez 1 Posters Attendance Thu, 02 Jun, 15:00–16:30 Poster area	https://meetingorganizer.copernicus.org/IAHS2022/session/41865
S6. Understanding the human footprint on the hydrological cycle/processes in a changing world	Convener: David Hannah Co-Conveners: Gil Mahé, Honeyeh Iravani, Guillaume Thirel, Anil Mishra	Orals Fri, 03 Jun, 10:30–18:00 Room Rondelet 2 Posters Attendance Fri, 03 Jun, 15:00–16:30 Poster area	https://meetingorganizer.copernicus.org/IAHS2022/session/41852
Oral and poster presentations			
Abstract number and title	Authors	When	Link to abstract
Monday 30 May			
IAHS2022-383 "Towards a hydrological consensus about the 2 nd -3 rd October 2020 ALEX storm event in the French Alpes Maritimes region"	Frederic Pons, Laurent Bonnifait, David Criado, Olivier Payrastre, Felix Billaud, Pierre Brigode, Catherine Fouchier, et al.	S21 Mon, 30 May, 09:30–09:45 Room Barthez 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-383.html
IAHS2022-490 "Combining multiple hydrological model structures in a semi-distributed modelling environment."	Cyril Thébault, Charles Perrin, Vazken Andréassian, Guillaume Thirel, and Sébastien Legrand	S2 Mon, 30 May, 13:30–13:45 Room Auditorium Pasteur	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-490.html
IAHS2022-339 "Seeking best streamflow assimilation scheme in a semi-distributed hydrological model for flood forecasting"	Paul Royer-Gaspard, François Bourgin, Alban de Lavenne, Charles Perrin, and Guillaume Thirel	S2 Mon, 30 May, 13:45–14:00 Room Auditorium Pasteur	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-339.html

IAHS2022-579 "Seamless meteorological forecast production and evaluation towards hydrological decision-making in France : CIPRHES projet"	Talardia Gbangou, Christian Viel, Fabienne Rousset, Jean-Marie Willemet, Pierre Etchevers, Simon Munier, Maria-Helena Ramos, and François Bourgin	S8 Mon, 30 May, 14:00–14:15 Room Rondelet 2	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-579.html
IAHS2022-476 "Spatio-temporal characteristics of heavy precipitation observed over the last 20 years on French Riviera coastal catchments"	Sarah Vigoureux, Pierre Brigode , Julie Poggio, Stan Nomis, Raphaëlle Dreyfus, Olivier Delestre, Maria-Helena Ramos , Emmanuel Moreau, Christophe Laroche, and Emmanuel Tric	S21 Mon, 30 May, 14:15–14:30 Room Barthez 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-476.html
IAHS2022-473 "Service chaining, end-using, and support-to-action of a PUB-hydrograph modelling: the SIMFEN web service API"	Tom Loree, Hervé Squidant, Josette Launay, Alban de Lavenne , and Christophe Cudennec	S19 Mon, 30 May, 15:00–16:30 Poster area P36	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-473.html
IAHS2022-692 "In search of catchment-scale hydrological laws: learning from the long-term water balance formulas"	Vazken Andréassian , Tewfik Sari, Léonard Santos, and Alban de Lavenne	S1 Mon, 30 May, 15:00–16:30 Poster area P4	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-692.html
IAHS2022-60 "Using the information on rainfall intensities to represent the variability in time of dominant processes in a hydrological model "	Paul C. Astagneau, François Bourgin, Vazken Andréassian, and Charles Perrin	S2 Mon, 30 May, 15:00–16:30 Poster area P6	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-60.html
Tuesday 31 May			
IAHS2022-521 "CAMELS-FR: A large sample hydroclimatic dataset for France to explore hydrological diversity and support model benchmarking"	Olivier Delaigue, Pierre Brigode, Vazken Andréassian, Charles Perrin , Pierre Etchevers, Jean-Michel Soubeyroux, Bruno Janet, and Nans Addor	S33 Tue, 31 May, 14:00–14:15 Room Antigone 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-521.html
IAHS2022-103 "The airGR galaxy: hydrological tools around GR models"	Olivier Delaigue , David Dorchies, and Guillaume Thirel	S33 Tue, 31 May, 15:00–16:30 Poster area P37	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-103.html
IAHS2022-125 "Analyzing hydrological model versatility to simulate flash floods in Mediterranean catchments "	Daniela Peredo and Maria-Helena Ramos	S21 Tue, 31 May, 15:00–16:30 Poster area P7	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-125.html
IAHS2022-347 "transfR: an open-source R package for streamflow prediction in ungauged catchments"	Alban de Lavenne , Tom Loree, Hervé Squidant, and Christophe Cudennec	S33 Tue, 31 May, 15:00–16:30 Poster area P38	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-347.html

Wednesday 1 June			
IAHS2022-158 "Modelling long-term effects of climate change and anthropogenic activities on water resources of the Moselle River basin"	Thibault Lemaitre-Basset, Guillaume Thirel, and Ludovic Oudin	S4 Wed, 01 Jun, 13:30–13:45 Room Antigone 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-158.html
IAHS2022-105 "Drought and flood risk assessment of the Seine basin reservoir management under climate change"	David Dorchies, Jean-Claude Bader, Laura Nunez Torres, Olivier Delaigue, and Guillaume Thirel	S4 Wed, 01 Jun, 14:00–14:15 Room Antigone 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-105.html
IAHS2022-658 "A combined mixing model for high-frequency concentration-discharge relationships"	Gaëlle Tallec, José Manuel Tunqui Neira, Vazken Andréassian, and Jean-Marie Mouchel	S17 Wed, 01 Jun, 14:45–15:00 Room Rondelet 2	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-658.html
IAHS2022-665 "Integrated chain for the hydrometeorological forecasting of low flows and droughts in France. The CIPRHES project"	Charles Perrin and the CIPRHES Team	S3 Wed, 01 Jun, 15:00–16:30 Poster area P6	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-665.html
Thursday 2 June			
IAHS2022-375 "A methodological framework for the evaluation of short-range flash-flood hydrometeorological forecasts at the event scale"	Maryse Charpentier-Noyer, Daniela Peredo, Maria-Helena Ramos, Olivier Payrastre, Eric Gaume, Pierre Nicolle, François Bouttier, Hugo Marchal, and Axelle Fleury	S10 Thu, 02 Jun, 13:45–14:00 Room Barthez 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-375.html
IAHS2022-66 "Low-flow forecasting in France using the PREMHYCE operational platform: recent advances and perspectives"	François Tilmant, François Bourgin, Anne-Lise Véron, Fabienne Rousset, Jean-Marie Willemet, Didier François, Matthieu Le Lay, Jean-Pierre Vergnes, Charles Perrin, Claire Magand, and Mathilde Morel	S10 Thu, 02 Jun, 14:15–14:30 Room Barthez 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-66.html
IAHS2022-475 "Climate change and deforestation in Haiti: are historical hydro-meteorological observations relevant to describe present catchment hydrological characteristics?"	Ralph Bathelemy, Pierre Brigode, Dominique Boisson, Emmanuel Tric, and Vazken Andréassian	S22 Fri, 03 Jun, 14:15–14:30 Room Barthez 1	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-475.html
IAHS2022-65 "Modeling Nitrate export with GR4J and StorAge Selection functions"	Alban de Lavenne, Julien Tournebize, Hocine Henine, Samy Chelil, and Vazken Andréassian	S26 Thu, 02 Jun, 15:00–16:30 Poster area P30	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-65.html

Friday 3 June			
IAHS2022-199 "Understanding uncertainties in future evapotranspiration projections to study the impact of climate change on hydrology over France."	Thibault Lemaitre-Basset , Ludovic Oudin, Guillaume Thirel , and Lila Collet	S6 Fri, 03 Jun, 13:45–14:00 Room Rondelet 2	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-199.html
IAHS2022-589 "Does a convection-permitting climate model improve the simulation of flash floods? A case study over a Mediterranean watershed"	Nils Poncet , Philippe Lucas-Picher, Yves Tramblay, and Guillaume Thirel	S11 Fri, 03 Jun, 14:30–14:45 Room Auditorium Pasteur	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-589.html
IAHS2022-32 "How much can we simplify irrigation in an integrated modelling purpose? A case study in southern France"	Myriam Soutif-Bellenger , Guillaume Thirel , Olivier Therond, and Jean Villerd	S6 Fri, 03 Jun, 15:00–16:30 Poster area P7	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-32.html
IAHS2022-421 "Impact of water withdrawals and releases on the parameters of a bucket-type rainfall-runoff model"	Léonard Santos , Guillaume Thirel , and Charles Perrin	S6 Fri, 03 Jun, 15:00–16:30 Poster area P8	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-421.html
IAHS2022-435 "Uncertainty propagation in the modelling chain of the impact of climate change on a specific site on French subsurface drainage"	Alexis Jeantet, Julien Tournebize, Philippe Martin, and Guillaume Thirel	S6 Fri, 03 Jun, 15:00–16:30 Poster area P5	https://meetingorganizer.copernicus.org/IAHS2022/IAHS2022-435.html
Participation of the HYDRO Team to the workshop W08			
On snow undercatch by raingages: looking for the missing information, Vazken Andréassian et al.			
How to calibrate a function aimed at fixing a low-occurrence problem in a hydrological model? Investigating local and regional strategies to calibrate a function accounting for the hydrological impact of rare high-intensity rainfall, Paul Astagneau et al.			
On bad and good neighbors in a hydrological regionalization perspective, Pierre Brigode et al.			
Do hydrological model errors spread across time and timescales? Paul Royer-Gaspard			
Can quantitative hydrological models benefit from water quality measurements? Revisiting the baseflow separation issue, Gaëlle Tallec et al.			
Impact of erroneous data in streamflow time series in large-sample-hydrology modelling experiments, Cyril Thebault et al.			