

## Participation des chercheurs de l'UR HYCAR à la conférence vEGU21 / Participation of HYCAR researchers to the conference vEGU21

Abstract number   Session and Abstract Title	Authors (in bold, authors from UR HYCAR INRAE)	Date and time	Link to the abstract
<b>DM13</b> Division meeting for Hydrological Sciences (HS)	<b>Session organization</b>  Convener: <b>Maria-Helena Ramos</b>	Thu, 22 Apr, 11:30–12:30 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/sessionprogramme">https://meetingorganizer.copernicus.org/EGU21/sessionprogramme</a>
EGU21-13224   HS 2.5.2 Global estimation of rainfall-runoff model parameters: an empirical experiment	<b>Léonard Santos</b> , Jafet C.M. Andersson, Berit Arheimer	Mon, 26 Apr, 09:00–12:30 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-13224.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-13224.html</a>
HS 1.2.1 Role of hydrology in policy, society and interdisciplinary collaborations: across disciplines and beyond scientists Co-organized by EOS6	<b>Session organization</b>  Convener: <b>Maria-Helena Ramos</b>   Co-conveners: Gemma Carr, Sharlene L. Gomes, Britta Höllermann, Thomas Thaler, Jutta Thielen-del Pozo, Elena Toth, Micha Werner	Mon, 26 Apr, 13:30–15:00 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/session/38761">https://meetingorganizer.copernicus.org/EGU21/session/38761</a>
EGU21-15426   HS 2.3.7 Evaluation of surface runoff model hypothesis by multi-objective calibration using discharge and sediment data	<b>Alban de Lavenne</b> , Göran Lindström, Johan Strömqvist, Charlotta Pers, Alena Bartosova, Berit Arheimer	Wed, 28 Apr, 09:00–10:30 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-15426.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-15426.html</a>
EGU21-13349   HS 2.5.3 CAMELS-FR: A large sample, hydroclimatic dataset for France, to support model testing and evaluation	<b>Vazken Andréassian</b> , <b>Olivier Delaigue</b> , <b>Charles Perrin</b> , Bruno Janet, Nans Addor	Wed, 28 Apr, 09:00–10:30 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-13349.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-13349.html</a>

EGU21-1045   HS 2.5.3 Flood simulation errors show an unexpected seasonal trend: results obtained on a set of 229 catchments and 11,054 flood events	<b>Paul C. Astagneau, François Bourgin, Vazken Andréassian, Charles Perrin</b>	Wed, 28 Apr, 9:32 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-1045.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-1045.html</a>
<b>SC5.11</b> Using R in Hydrology Co-organized by HS11	<b>Session organization / Short course</b>  Convener: Katie Smith   Co-convener: Abdou Khouakhi, Ilaria Prosdocimi, Louise Slater, <b>Guillaume Thirel</b>	Wed, 28 Apr, 10:00–11:00 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/session/38926">https://meetingorganizer.copernicus.org/EGU21/session/38926</a>
EGU21-1371   HS 2.2.1 New airGR developments: semi-distribution and data assimilation	<b>Guillaume Thirel, Olivier Delaigue, David Dorchies, Gaia Piazza</b>	Wed, 28 Apr, 13:30–15:00 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-1371.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-1371.html</a>
EGU21-2190   HS 2.2.1 airGRiwrn: an extension of the airGR R-package for handling Integrated Water Resources Management modeling	David Dorchies, <b>Olivier Delaigue, Guillaume Thirel</b>	Wed, 28 Apr, 13:30–15:00 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-2190.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-2190.html</a>
EGU21-8403   HS 2.2.1 RAT (Robustness Assessment Test): a straightforward evaluation of hydrological model robustness to a changing climate	<b>Vazken Andréassian., Léonard Santos, Torben Sonnenborg, Alban de Lavenne, Göran Lindström, Pierre Nicolle, Guillaume Thirel</b>	Wed, 28 Apr, 13:30–15:00 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-8403.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-8403.html</a>
EGU21-4402   HS 2.2.1 Constraining a lumped rainfall-runoff model with piezometry to improve low-flow simulation	<b>Antoine Pelletier, Vazken Andréassian</b>	Wed, 28 Apr, 13:59 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-4402.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-4402.html</a>
EGU21-14540   HS 2.3.2 Improving the estimates of nitrate concentrations at subsurface drained agricultural catchment scale using a new conceptual water quality model	<b>Julien Tournebize, Samy Chelil, Hocine Henine, and Cedric Chaumont</b>	Wed, 28 Apr, 13:49	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-14540.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-14540.html</a>

EGU21-14768   HS 3.8 On the use of inverse modeling to improve subsurface drainage simulations	<b>Samy Chelil</b> , Hind Oubanas, <b>Hocine Henine</b> , Igor Gejadze, Pierre Olivier Malaterre, and <b>Julien Tournebize</b>	Wed, 28 Apr, 15:45	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-14768.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-14768.html</a>
EGU21-2984   HS 4.1 Investigating hydrological model versatility to simulate extreme flood events	<b>Daniela Peredo</b> , <b>Maria-Helena Ramos</b> , <b>Vazken Andréassian</b> , Ludovic Oudin	Wed, 28 Apr, 15:30– 17:00 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-2984.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-2984.html</a>
<b>HS 2.1.7</b> Snow and ice accumulation, melt, and runoff generation in catchment hydrology: monitoring and modelling Co-organized by CR7	<b>Session organization</b>  Convener: <b>Guillaume Thirel</b>   Co-convener: Francesco Avanzi, Doris Duethmann, Abror Gafurov, Juraj Parajka	Thu, 29 Apr, 09:00– 11:45 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/session/39633">https://meetingorganizer.copernicus.org/EGU21/session/39633</a>
EGU21-2856   HS 4.4 Low-flow forecasting in France: update on the latest developments of the PREMHYCE operational forecast platform	<b>François Bourgin</b> , <b>François Tilmant</b> , <b>Anne-Lise Véron</b> , François Besson, Didier François, Matthieu Le Lay, Pierre Nicolle, <b>Charles Perrin</b> , Fabienne Rousset, Dominique Thiéry, Jean-Marie Willemet, Claire Magand, Mathilde Morel	Thu, 29 Apr, 09:00– 10:30 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-2856.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-2856.html</a>
EGU21-11031   CL 2.1 Designing a Climate Service for Planning Climate Actions in Vulnerable Countries	Frida Gyllensvärd, Christiana Photiadou, Berit Arheimer, Thomas Bosshard, René Capell, Maria Elenius, Ilaria Gallo, Katharina Klehmet, Lorna Little, Isabel Ribeiro, <b>Léonard Santos</b> , and Elin Sjökvist	Thu, 29 Apr, 09:00– 11:45 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-11031.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-11031.html</a>
EGU21-8852   HS 2.5.1 Are large scale models useful? A case of nested model domains for assessing current and future stream runoff and sediments	Alena Bartosova, Berit Arheimer, <b>Alban de Lavenne</b> , René Capell, Johan Strömqvist	Thu, 29 Apr, 09:00– 11:45 (CEST)	<a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-8852.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-8852.html</a>

<p>EGU21-14532   HS 5.2.1 Understanding how hydrological forecast quality impacts the management of hydroelectric reservoirs</p>	<p><b>Maria-Helena Ramos, Manon Cassagnole</b>, Ioanna Zalachori, <b>Guillaume Thirel</b>, Rémy Garçon, Joël Gailhard, Thomas Ouillon</p>	<p>Thu, 29 Apr, 13:30–15:00 (CEST)</p>	<p><a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-14532.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-14532.html</a></p>
<p><b>US1</b> Integrating geoscience into the European Green Deal</p>	<p><b>Union Symposium / Session organization</b>  Convener: Ned Staniland   Co-conveners: Chloe Hill, <b>Maria-Helena Ramos</b>, Claudio Zaccone</p>	<p>Fri, 23 Apr, 09:00–11:00 (CEST)</p>	<p><a href="https://meetingorganizer.copernicus.org/EGU21/session/39989">https://meetingorganizer.copernicus.org/EGU21/session/39989</a></p>
<p>EGU21-15872   CL 3.1.4 Long-term (1900-2100) Hydrometeorological and Snow Water Equivalent reconstructions in the French Southern Alps (Mercantour Natural Parc).</p>	<p>Thibault Mathevet, <b>Cyril Thébault</b>, Jérôme Mansons, Matthieu Le Lay, Audrey Valery, Agnès Brenot, Joel Gailhard</p>	<p>Fri, 30 Apr, 09:28 (CEST)</p>	<p><a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-15872.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-15872.html</a></p>
<p>EGU21-9946   HS 2.4.2 Uncertainty on evapotranspiration formulation and its hydrological implication under climate change over France</p>	<p><b>Thibault Lemaitre-Basset</b>, Ludovic Oudin, <b>Guillaume Thirel</b>, <b>Lila Collet</b></p>	<p>Fri, 30 Apr, 11:00–12:30 (CEST)</p>	<p><a href="https://meetingorganizer.copernicus.org/EGU21/EGU21-9946.html">https://meetingorganizer.copernicus.org/EGU21/EGU21-9946.html</a></p>