

## Pathways of water and sediment from source-to-sink under changing climate, anthropogenic impacts and other disturbances

Co-organized by HS13/NH10, co-sponsored by IAG

Convener: Achim A. Beylich | Co-conveners: Katja Laute, Ana Navas, Olimpiu Pop, Zbigniew Zwoliński, Stephen Darby, Jim Best, Frances Dunn

Online chat program Friday, 08 May, 14:00–15:45 (CEST)

14:00	<b>Welcome by session conveners</b>
14:02	D932 / EGU2020-15762 <b>Analysis of heavy-rainfall-induced fast soil erosion: examples the NE Abruzzo clayey hills (Central Italy)</b> Vincenzo Marsala, <b>Tommaso Piacentini</b> , and Alberto Galli
14:09	D933 / EGU2020-1097 <b>Palaeoenvironmental development of the accumulative fan in Western Russia from the Little Ice Age to the present time</b> <b>Wiktor Piech</b> , Piotr Kittel, Artur Ginter, Andrey Mazurkevich, Anna Hrynowiecka, Renata Stachowicz-Rybka, Katarzyna Cywa, Agnieszka Mroczkowska, Elena Pavlovskaya, Eduard Kazakov, Yulia Teltevskaia, Jarosław Sikorski, Daniel Okupny, Krzysztof Błaszczak, and Bartosz Kotrys
14:16	D935 / EGU2020-22517 <b>Inter-decadal variation in clastic sediment yield from a forested mountain basin in relation to natural and anthropogenic disturbances</b> <b>Piotr Cienciala</b> , Mishel Melendez Bernardo, Andrew Haas, and Andrew Nelson
14:23	D947 / EGU2020-5933 <b>Spread of denudational processes in seepage channels in a postglacial area (north-western Poland)</b> <b>Małgorzata Mazurek</b>
14:30	D948 / EGU2020-6711 <b>Tree-ring dating of colonized moraine surfaces in deglaciated areas of Greater Caucasus Mountains</b> <b>Olimpiu Traian Pop</b> , Ionela Georgiana Răchită, Daniel Germain, Zurab Rikadze, Iulian Horia Holobăcă, Tamar Khuntselia, Mircea Alexe, Mariam Elizbarashvili, George Gaprindashvili, Kinga Ivan, and Levan Tielidze
14:37	D949 / EGU2020-8155 <b>Guiding Sustainable Development along Rivers in India</b> <b>Roshni Bais</b> and Manavvi Suneja

14:44	D951 / EGU2020-10800 <b>BEDFLOW: integrating river morphodynamics in the Sillaro River across spatial and temporal scales</b> <b>Francesco Brardinoni</b> , Anna Rita Bernardi, Federico Bonazzi, Giuseppe Caputo, Marwan Hassan, Sharon Pittau, and David Reid
14:51	D955 / EGU2020-20060 <b>Reconstructing snow-avalanche activity with tree rings in Maramureş Mountains (Eastern Carpathians, Romania)</b> <b>Armelle Decaulne</b> , Ionela-Georgiana Răchită, Mihai Hotea, Vasile Timur Chiş, and Olimpiu Traian Pop
14:58	D957 / EGU2020-20579 <b>Agricultural colonization of dynamic riverine islands in a tropical wandering river</b> <b>Livia Serrao</b> , Luz Elita Balcázar Terrones, Hugo Alfredo Huamaní Yupanqui, Juan Pablo Rengifo Trigozo, and Guido Zolezzi
15:05	D942 / EGU2020-21095 <b>Unravelling the river morphological – flood pattern linkages in Ayeyarwady River Basin, Myanmar</b> Karthikeyan Matheswaran, Dhyey Bhatpuria, and <b>Thanapon Piman</b>
<b>Other authors who have uploaded material (by 11:40 CEST, 08 May)</b>	
15:12	D930 / EGU2020-17805 <b>Urban growth changes the pulse of a large deep-seated landslide</b> <b>Antoine Dille</b> , Olivier Dewitte, Alexander Handwerker, Dominique Derauw, Nicolas d'Oreye, Elise Monsieurs, Sergey Samsonov, Benoît Smets, Matthieu Kervyn, and François Kervyn
	D931 / EGU2020-11351 <b>The convexity of carbonate hillslopes: the influence of climate, chemical weathering and dust flux</b> <b>Matan Ben-Asher</b> , Itai Haviv, Onn Crouvi, Josh J Roering, and Ari Matmon
	D938 / EGU2020-18621 <b>Modeling the changing sediment yield of the Amazon under climate change and deforestation scenarios and the possible impacts on the Guiana coast</b> <b>Safaa Naffaa</b> , L.P.H. (Rens) van Beek, Frances E. Dunn, and Steven de Jong
	D942 / EGU2020-21095 <b>Unravelling the river morphological – flood pattern linkages in Ayeyarwady River Basin, Myanmar</b> <b>Karthikeyan Matheswaran</b> , Dhyey Bhatpuria, and Thanapon Piman
	D943 / EGU2020-2718 <b>Global water scarcity reduction requires water quality solutions</b> <b>Michelle T.H. van Vliet</b> , Edward R. Jones, Martina Flörke, Wietse H.P. Franssen, Naota Hanasaki, Yoshihide Wada, and John R. Yearsley
	D950 / EGU2020-9084 <b>Remote Sensing of Large River Basins</b> <b>Soner Ureyen</b> , Felix Bachofer, Juliane Huth, Igor Klein, and Claudia Kuenzer

<p>D952 / EGU2020-11273  <b>Continued evolution of the Lower Mississippi: changes to fluvial islands over five decades (1965 to 2015)</b>  <b>Paul Hudson</b></p>
<p>D953 / EGU2020-11359  <b>A sediment budget approach to quantify sediment fluxes and organic carbon mobilisation in an Arctic catchment</b>  <b>Francis Matthews, Tristram C. Hales, and Joshua Ahmed</b></p>
<p>D956 / EGU2020-20454  <b>Erosional-denudational valleys on the Wolin Island cliff coast (Southern Baltic) and their impact on the morphological development of the coast</b>  <b>Renata Paluszkiewicz, Andrzej Kostrzewski, and Marcin Winowski</b></p>
<p>D958 / EGU2020-20784  <b>Low watershed hydrological and erosion response after fire can be explained by connectivity</b>  <b>Jinfeng Wu, Jantiene E.M. Baartman, and João P. Nunes</b></p>
<p><b>Chat closing by session conveners</b></p>