Welcome to our EGU online session

HS9.3/GM2.11 Measurements, monitoring and modelling of hydro-morphological processes in open-water environments.

As the format of presenting our research content in a chat is quite new to all of us, we would like to provide some brief information which will be updated on Tuesday evening, according to the response of the authors we got until then.

Our chat session is divided into two blocks (Wed, 06 May, 10:45–12:30 and Wed, 06 May, 14:00–15:45).
There are already many presentations uploaded, some are also open for discussion already. Please feel free to use this option and also check out the presentations prior to the chat session. If possible, prepare your questions in advance so that you can quickly copy / paste them when it is time to do so.

Every author who is interested to participate in the chat will be given a slot where she / he can briefly introduce the work and then answer questions.
The Displays will be presented in the same order as their numbering. Based on the feedback from the authors we set up a rough schedule, which you can find at the end of this document. Please be aware that some spontaneous adaptions might be needed.

Regarding the chat itself:
- All authors have the possibility to introduce their work in 3-4 sentences first. Then we will ask the participants to start with their questions.
- If possible, attendees should prepare their questions in advance so that you can copy / paste them
- When the timeslot is over there is still the possibility to ask / answer questions in the general EGU chat (instead of the session chat).
- The session chat is NOT recorded / stored anywhere.
- Do not forget to use the comment 's function on EGU2020 website.
- Please keep polite and patient, as we might face some technical issues, this procedure is quite new to al

Please find here also an information video from the EGU (https://www.youtube.com/watch?v=xTCPKDmgSVw)

Thanks a lot for your interest and hope to chat with you on Wednesday
the convener team
Kordula, Stefan, Gabi, Axel, Sandor, Stefan, Nils and Bernhard

Author present	Display number	Title	Authors
y	D411 EGU2020-1638	Suspended particulate matter in a submarine canyon: What are we looking at?	Sabine Haalboom, Henko de Stigter, Gerard Duineveld, Gert-Jan Reichart, and Furu Mienis
y	D412 |EGU2020-3522	Comparison between bedload flux from inverse modelling of seismic ground motion data and direct monitoring by Reid bedload samplers	Sophie Lagarde, Jonathan Laronne, Florent Gimbert, Jens Turowski, Micha Dietze, and Eran Halfi
y	D416 |EGU2020-20542	Studying Fluvial Tipping Points with Remotely Sensed Observations and Hydroclimatic Data in the Selenga River Delta	Saeid Aminjafari, Ian Brown, Jerker Jarsjö, Sergey R. Chalov, and Fernando Jaramillo
y	D417 |EGU2020-20381	Data-fusion of satellite and ground sensors for river hydro-morphodynamics monitoring	Maria Nicolina Papa, Michael Nones, Carmela Cavallo, Massimiliano Gargiulo, and Giuseppe Ruello
y	D418 |EGU2020-5200	A Monte Carlo approach to determine the sensitivity of bedform analysis methods	Julius Reich
y	D420 |EGU2020-4990	Hydro-morphodynamics 2D modelling using a discontinuous Galerkin discretisation	Mariana Clare, James Percival, Stephan Kramer, Athanasios Angeloudis, Colin Cotter, and Matthew Piggott
y	D424 |EGU2020-3873	Sediment transport modelling of the Drava River confluence	Antonija Cikojević, Gordon Gilja, Sándor Baranya, Neven Kuspilić, and Flóra Pomázi
	D426 |EGU2020-5008	Implementation of runoff attenuation features into a landscape evolution model for the assessment of the impact on catchment sediment dynamics	Eleanor Pearson, Jonathan Carrivick, and Rob Lamb

Author present	Display number	Title	Authors
y	D429 │EGU2020-7463	An efficient cellular flow model for cohesive particle flocculation in turbulence	Kunpeng Zhao, Bernhard Vowinckel, Tian-Jian Hsu, Thomas Köllner, Bofeng Bai, and Eckart Meiburg
y	D431 │EGU2020-9288	Experimental study of resonant shallow flows past a lateral cavity: a benchmark test for high-resolution numerical models	Sergio Martínez Aranda, Adrián Navas-Montilla, Antonio Lozano, and Pilar García-Navarro
	D432 │EGU2020-9289	Numerical study of resonant shallow flows past a lateral cavity: benchmarking the model with a new experimental data set	Adrián Navas-Montilla, Sergio Martínez-Aranda, Antonio Lozano, and Pilar García-Navarro
y	D433 │EGU2020-10360	Strain gauge measurements in hydraulic experiments: Chinese firecrackers versus industrial solutions	Martin Wolff and Ingo Schnauder
y	D434 │EGU2020-10548	3D hydro-morphodynamic models as support tools for obtaining sustainable sediment management strategies of reservoirs	Kilian Mouris, Leon Saam, Felix Beckers, Silke Wieprecht, and Stefan Haun
	D435 │EGU2020-12205	A calibration method for monitoring bedload transport rate using Japanese pipe-type hydrophone considering installation condition and aging	Hiroaki Izumiyama, Taro Uchida, Takuma Iuchi, Nobuya Yoshimura, and Takao Yamakoshi
y	D437 │ EGU2020-22184	Linking changing grain size distributions with the development of shelter availability for fish in the bypass reach of a hydro power plant	Spyridon Pritsis, Kordula Schwarzwälder, Wolfgang Szentkereszty, and Nils Rüther
	D438 │EGU2020-20418	3D numerical studies on stratification and mixing processes affecting fine sediment transport in the pre-dam of the Dhünn reservoir in Germany	Wendy Gonzalez, Irina Klassen, Anne Jakobs, and Frank Seidel
y	D439 │EGU2020-20357	Numerical Dispersion of Bed Load in a 1D Model Mimics	Travis Dahl, Stanford Gibson, Ian Floyd, and

		Physical Flume Results	Alejandro Sanchez
y	D440 |EGU2020-7806	Numerical Modelling of Gravel Transport during Flushing Processes in an Alpine Reservoir	Gabriele Harb and Josef Schneider
y	D442 |EGU2020-21659	Estimation of wave induced sediment resuspension using an ADV	Gábor Fleit and Sándor Baranya
y	D443 |EGU2020-19713	3D numerical modeling of sediment handling techniques in a hydro power reservoir	Diwash Lal Maskey, Dipesh Nepal, Daniel Herman, Gabriele Gaiti, and Nils Rüther
	D444 |EGU2020-125	Multitemporal Monitoring of the Morphodynamics of a Meandering River by UAV-Based Measurements	Orkan Özcan, Semih Sami Akay, and Ömer Lütfi Şen