6th Symposium on the hydrological modelling of the Meuse basin

The symposium

The objective of this symposium is to share and exchange knowledge on hydrological modelling and water-related processes (in the widest sense) in the Meuse catchment on a scientific basis. Target audience are all scientists, water managers and stakeholders that feel connected to the Meuse basin.

This year's edition of the symposium series starts with a session on hydrological modelling, which includes the hydrological modelling exercise that has been initialized during the first edition of the symposium in 2013 and since then has been a recurring topic of the symposium. The three other sessions are dedicated to integrated river management, hydraulics and morphology; water quality and aquatic environment; and operational water management.

Conference information

Date: Friday, 13 September 2019

Venue: Liège (Belgium), Aquapôle, Campus de l'Université de Liège - Sart Tilman, Allée de la Découverte 11, Bâtiment B53, Sart Tilman, Belgium. https://www.campus.uliege.be/cms/c_1841773/fr/b53-aquapole.
Bus stop "Sart-Tilman Polytech", bus lines 48 and 58

The **conference language** is English. **No conference fee** is charged.

Please help us with the planning and register by sending an e-mail to Bernhard Becker (Bernhard.Becker@deltares.nl). **Registration** is open until the symposium.

Conference home page: https://publicwiki.deltares.nl/display/HydrologyMeuse/6th+international+symposium+on+the+hydraulic+modelling+of+the+Meuse+basin

Organization committee

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Programme

Time	Speaker and co-authors	Title
09:30	Benjamin Dewals (Université de Liège) and Bernhard Becker (Deltares)	Welcome and opening
09:45	Lieke Melsen (Wageningen UR)	Hydrological modelling of the Meuse basin
09:50	Lila Collet (IRSTEA)	Analysis of hydrological projections
10:10	Joost Buitink (Wageningen UR)	A new fast distributed hydrological model and its application to the Rhine and the Meuse
10:30	Laurène Bouaziz (TU Delft), Lieke Melsen (Wageningen UR)	The joint modelling exercise of hydrological modelling
11:00	Coffee break	
11:30	Jiri Nossent (Flanders Hydraulics Research)	Integrated river management, hydraulics and morphology
11:35	Hermjan Barneveld (HKV), Nathalie Asselman, Frans Klijn (Deltares) and Alphons van Winden (Bureau Stroming)	The story of the Meuse
11:55	Arjan Sieben, Siebolt Folkertsma (Rijkswaterstaat), Willem Ottevanger (Deltares)	A research plan and model for the morphology of the Meuse
12:15	Guillaume Thirel (IRSTEA)	Improving 4 hydro models for the French Meuse
12:35	Lunch break	
13:35	Bernhard Becker (Deltares)	Water quality and aquatic environment
13:40	Gertjan Zwolsman (Dunea)	Impact of climate change and demography on pharmaceuticals in the Meuse River: A drinking water perspective
14:00	Maarten van der Ploeg (RIWA-Maas)	The role of the tributaries on the discharge of the Meuse during the drought of 2018
14:20	Gereon Hermens (Ingenieurbüro Floecksmühle, Fichtner Water & Transport)	Selected fish pass projects in the Meuse catchment
14:40	Coffee break	
15:20	Céline Savary (SPW Hydraulic research laboratory)	Operational water management
15:25	Benjamin Dewals (Université de Liège)	Operation rules of the Vesdre reservoir revisited
15:45	Jorn Baayen (Kisters BV)	Comparison of different approaches for optimization of control in hydraulic modelling
16:05	Sebastién Erpicum (Université de Liège)	Potential of pumped-storage hydropower at La Gileppe reservoir
16:25	Benjamin Dewals (Université de Liège) and Bernhard Becker (Deltares)	The future of our symposium
17:00		End of the symposium

Please check the conference home page for updates of the conference programme.