



2nd symposium on the hydrological modelling of the Meuse basin

The symposium

Hydrological models are essential for understanding of the hydrological system, effective flood forecasting and climate change assessments. The objective of this symposium is to share and exchange knowledge on hydrological modelling of the Meuse catchment on a scientific base.

The morning session includes general presentations on hydrological modelling of the Meuse basin. During the first edition of the symposium in 2013 we agreed on a modelling exercise. This is the subject of the afternoon session. This session does not solely focus on the presentation of results; but also on other aspects such as methodological issues for the intercomparison of hydrological models and a discussion.

Would you like to contribute to the symposium with a presentation? Please contact Bernhard Becker (Bernhard.Becker@deltares.nl) from the organizing committee.

Date and venue

Date: Thursday, 2 April 2015 (for the program see page 2)

Venue: Liège, Aquapôle (Campus de l'Université de Liège - Sart Tilman, Avenue des Chevreuils 3, Bâtiment B53, <http://www2.ulg.ac.be/acces/plans/zoneb52.html>).

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

Please help us with the planning and register via e-mail to Bernhard Becker (Bernhard.Becker@deltares.nl) as soon as possible.

Organization committee

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Program

Time	Speaker	Title
09:30	Benjamin Dewals (University de Liège, HECE) and Bernhard Becker (Deltares)	Welcome and opening
09:40	Hubert Savenije (TU Delft)	Hydrological modelling of the Meuse basin
09:50	Frederiek Sperna Weiland, Femke Davids, Herman Haaksma, Matthijs den Toom, Mark Hegnauer (Deltares)	The Dutch models for the Meuse basin (HBV, WFLOW)
10:10	Pascal Goderniaux, Philippe Orban, Samuel Wildemeersch, Alain Dassargues, Serge Brouyère (Université de Liège)	Groundwater flow and transport modelling at regional scale: lessons learned from different applications in the Walloon Meuse basin
10:30	F. Stilmant, B. Dewals, S. Erpicum, M. Piroton, P. Archambeau (ULg-HECE)	Contribution to real-time inundation mapping in the Walloon Region
10:50	Fabrizio Fenicia (Eawag)	Controlled model comparisons (lumped and distributed)
11:10	Coffee break	
11:50	Y. Peltier, P. Archambeau, B. Dewals, S. Erpicum, M. Piroton (ULg-HECE)	Perturbation tools for assessing the hydrological impact of climate change
12:10	Patrick Willems (KU Leuven)	Intercomparison of hydrological models for climate change impact analysis
12:30	Remko Nijzink (TU Delft)	Virtual laboratories: new opportunities for models intercomparison
12:50	Lunch break	
13:50	Patrick Willems (KU Leuven)	Hydrological modelling exercise
14:00	Laurène Bouaziz (Deltares)	Model comparison, data, approach
14:20	B. Grelier and G. Drogue (Université de Lorraine)	What can we learn from the application of a hourly lumped rainfall-runoff model? The example of the Ourthe catchment
14:40	Coffee break	
15:10	Various	Short presentations on model study results
15:30	Patrick Willems (KU Leuven) and Gilles Drogue (Université de Lorraine)	Discussion of model comparison results, next steps of modeling exercise
16:45	Benjamin Dewals, Hubert Savenije, Gilles Drogue, Patrick Willems	Closure
17:00	End of the symposium	