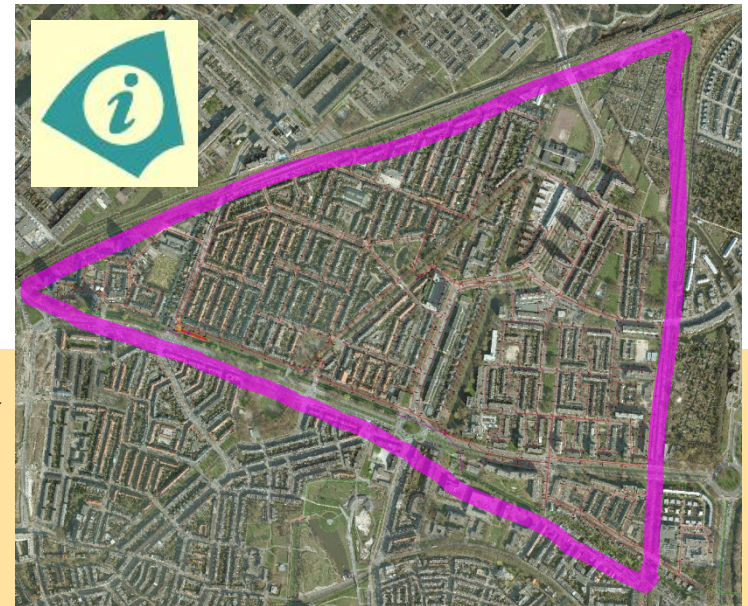
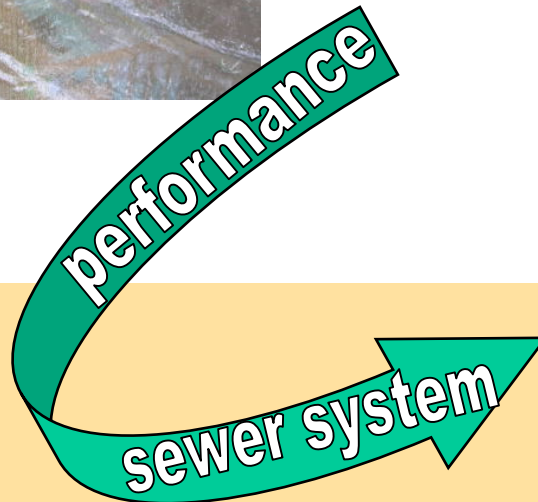




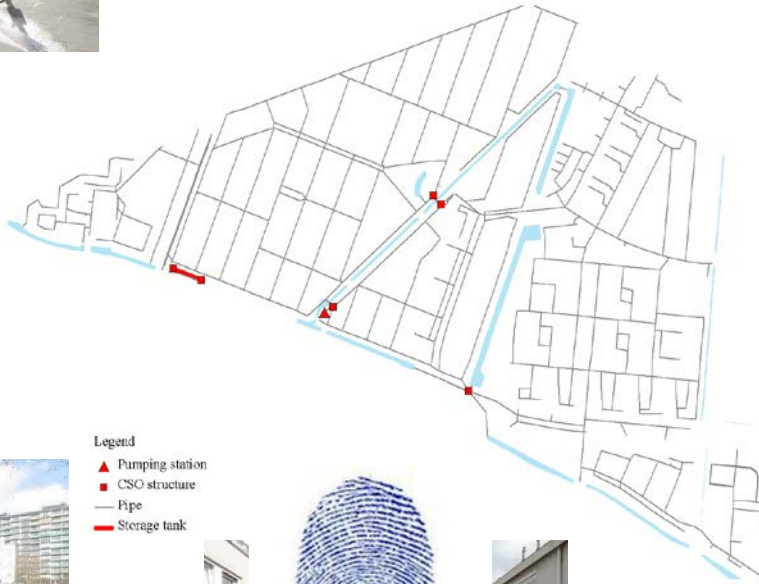
*Impact of sewer condition on urban flooding:
a comparison between simulated and measured
system behaviour*

Marco van Bijnen/Hans Korving/François Clemens

Urban pluvial flooding



Assessing flooding

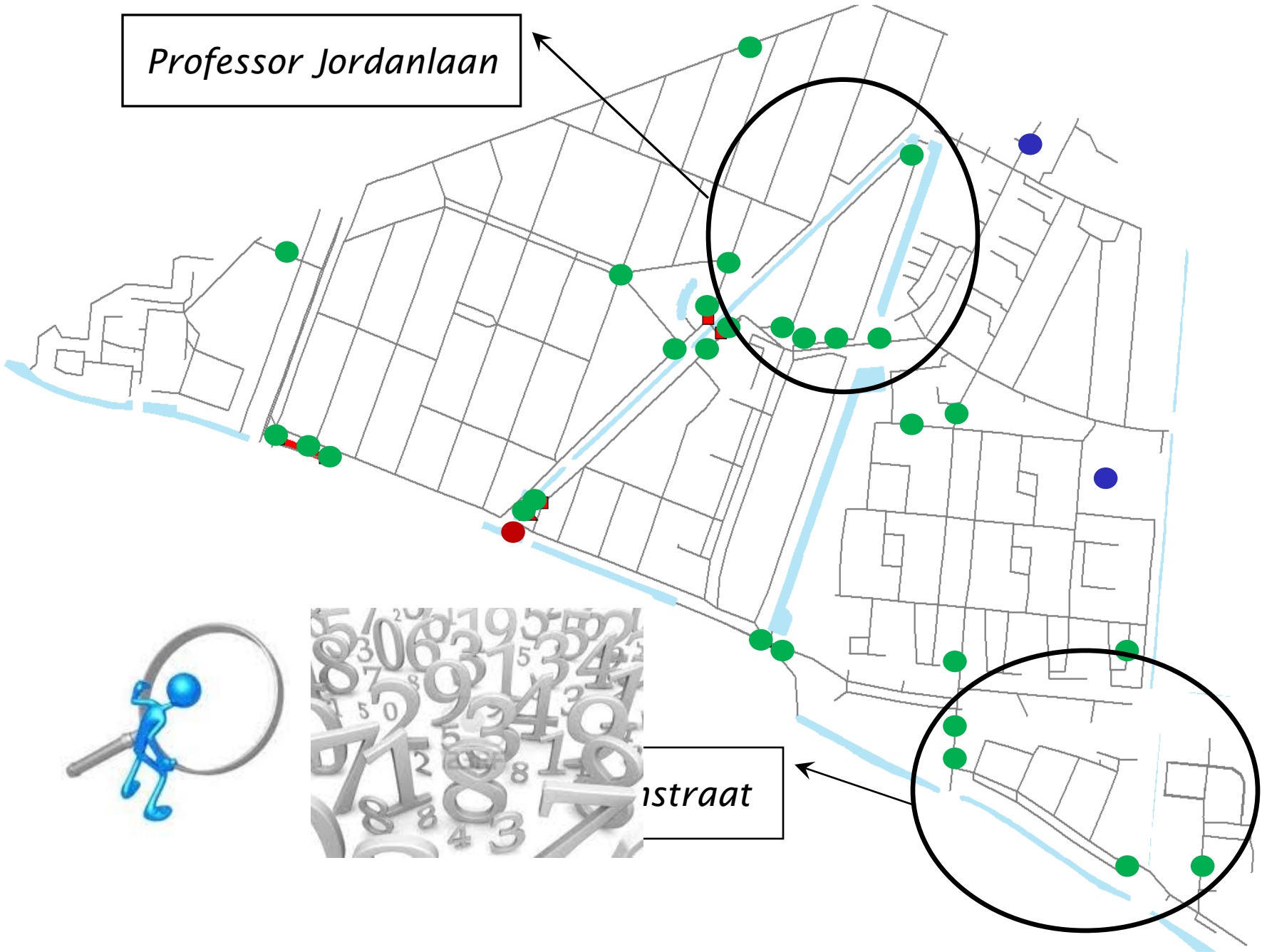


- Legend
- ▲ Pumping station
 - CSO structure
 - Pipe
 - Storage tank



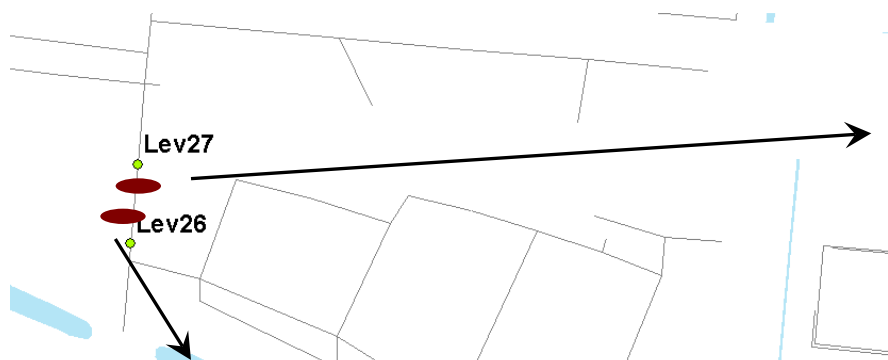
'Professor Fuchslaan'

Professor Jordanlaan



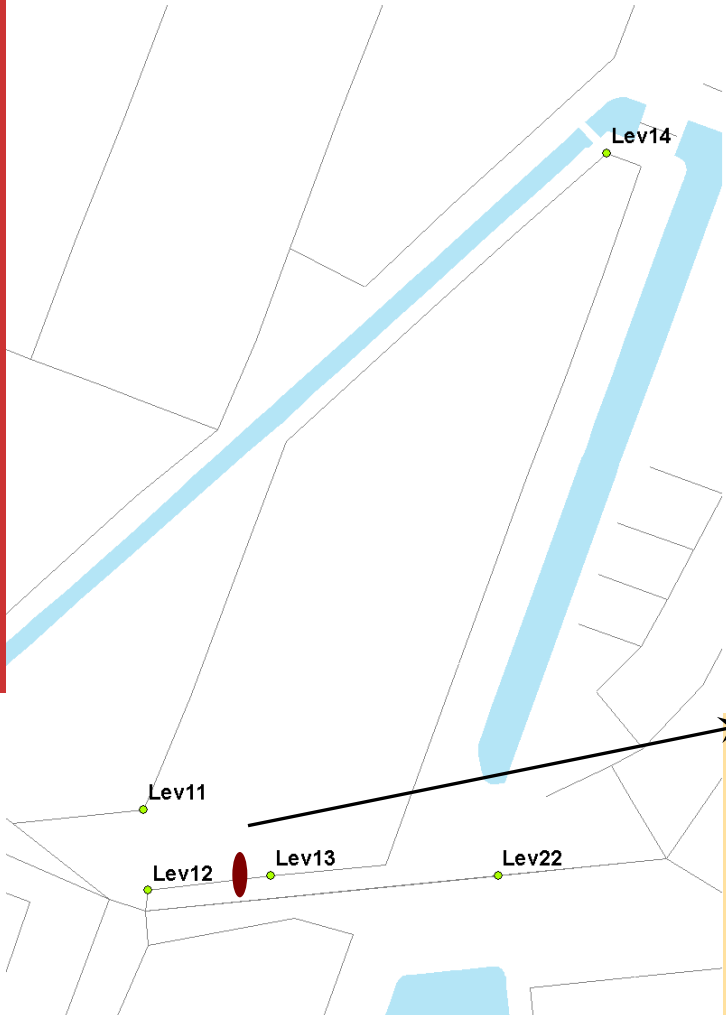
...straat

Jan van Galenstraat

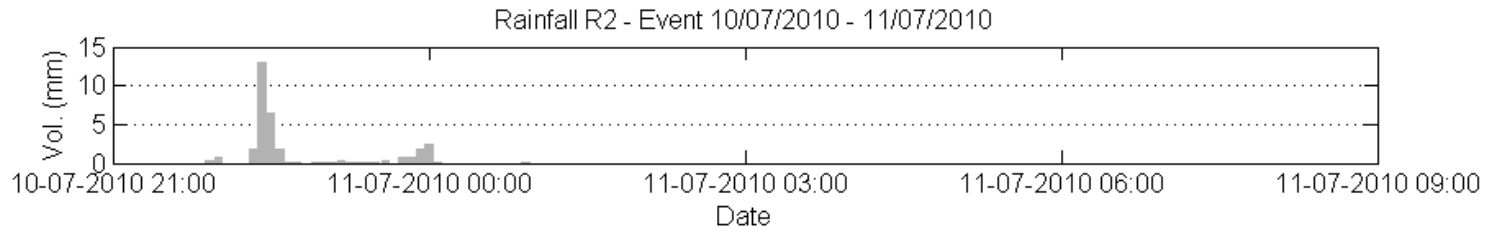
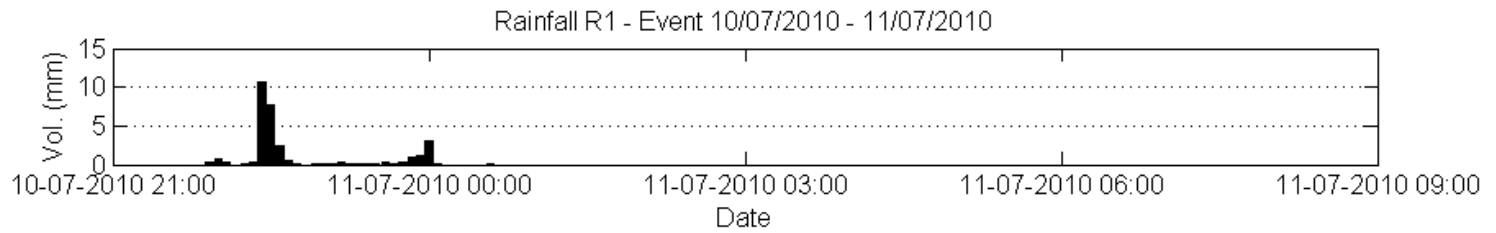


Root intrusion

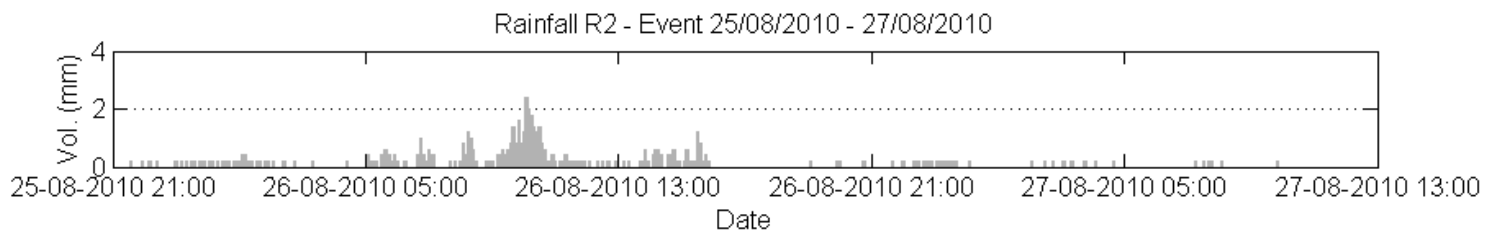
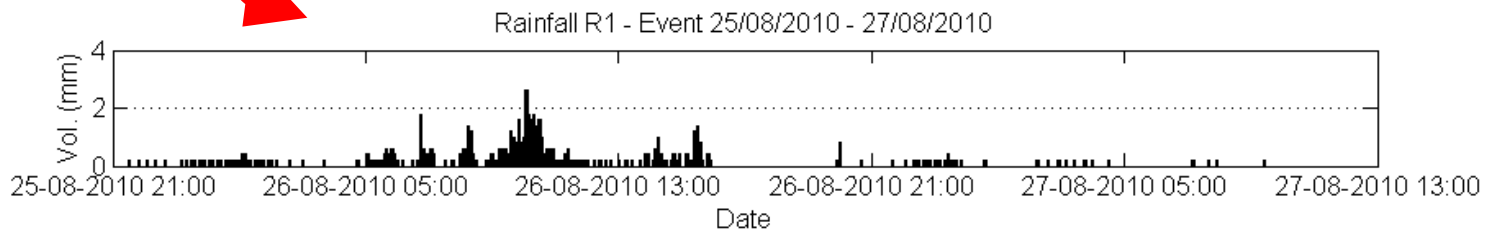
Professor Jordanlaan

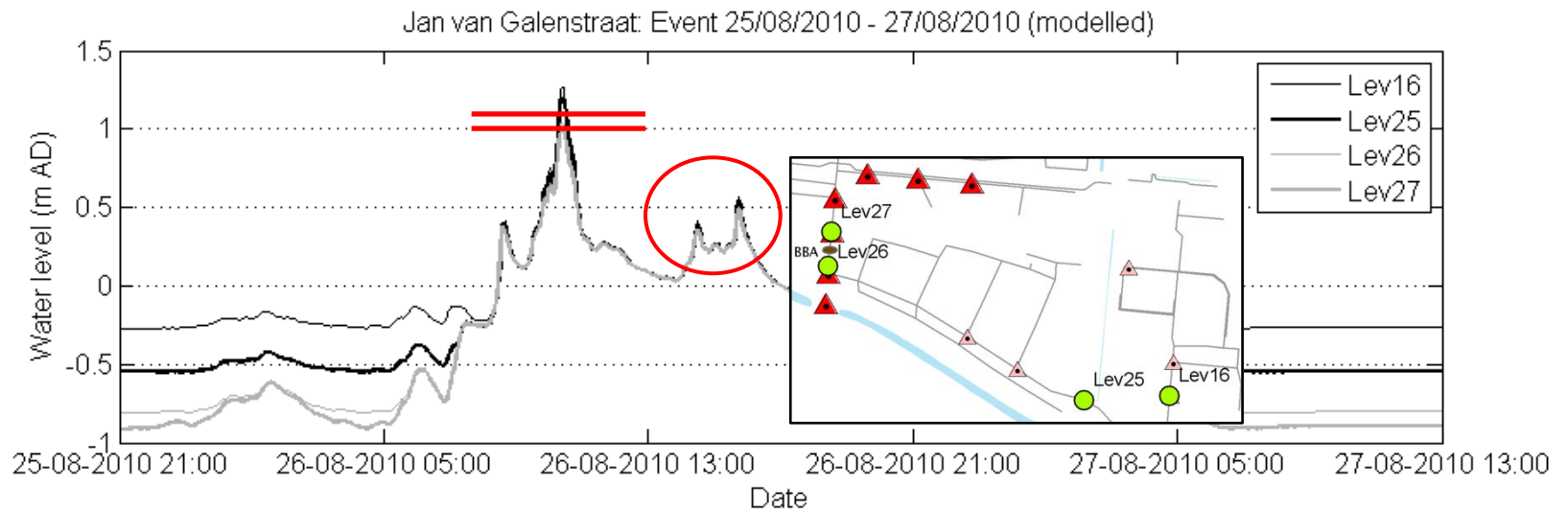
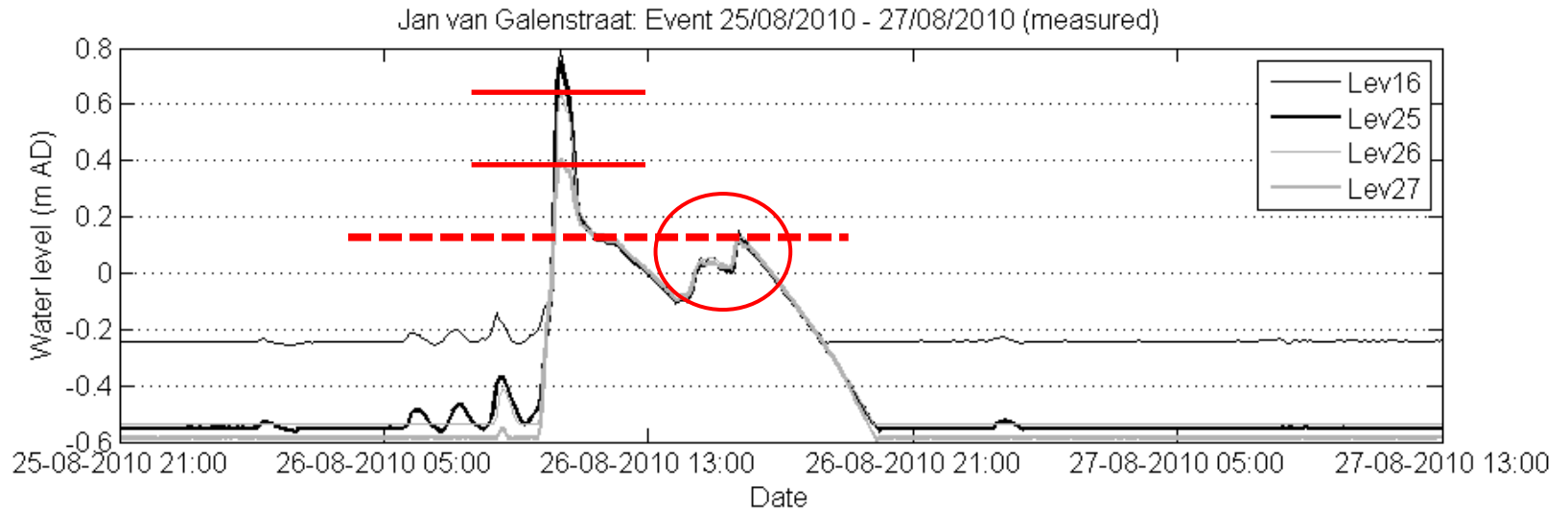


Root intrusion

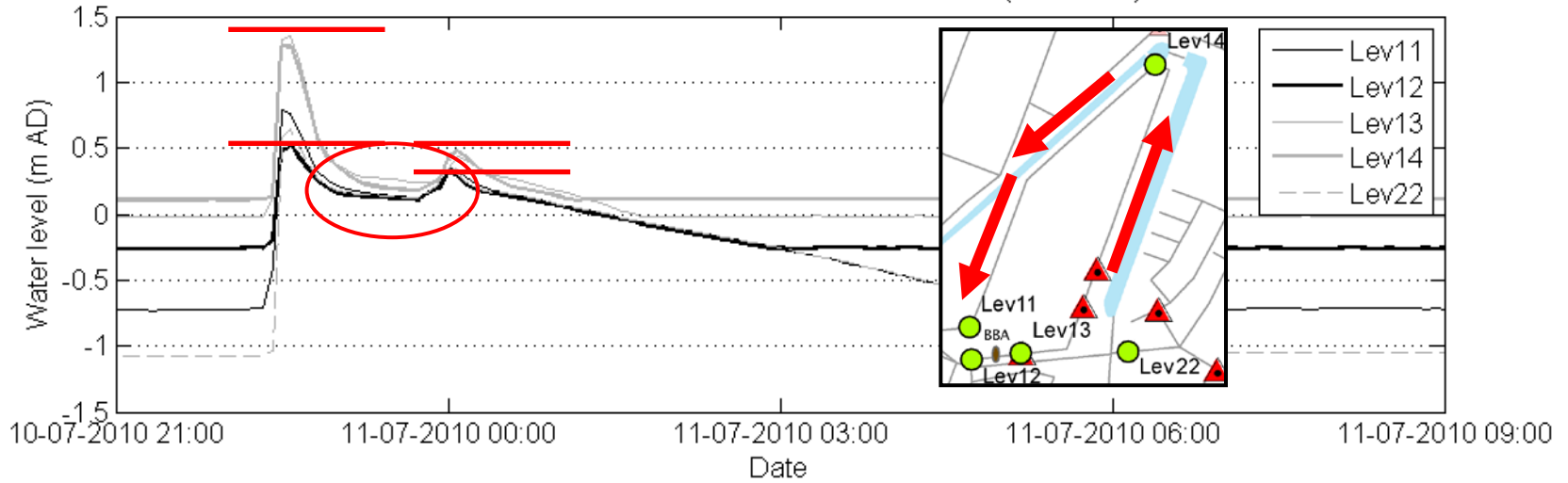


Date	Rain depth R1 (mm)	Rain depth R2 (mm)
10/07/2010-11/07/2010	32.2	33.0
25/08/2010-27/08/2010	66.0	60.0

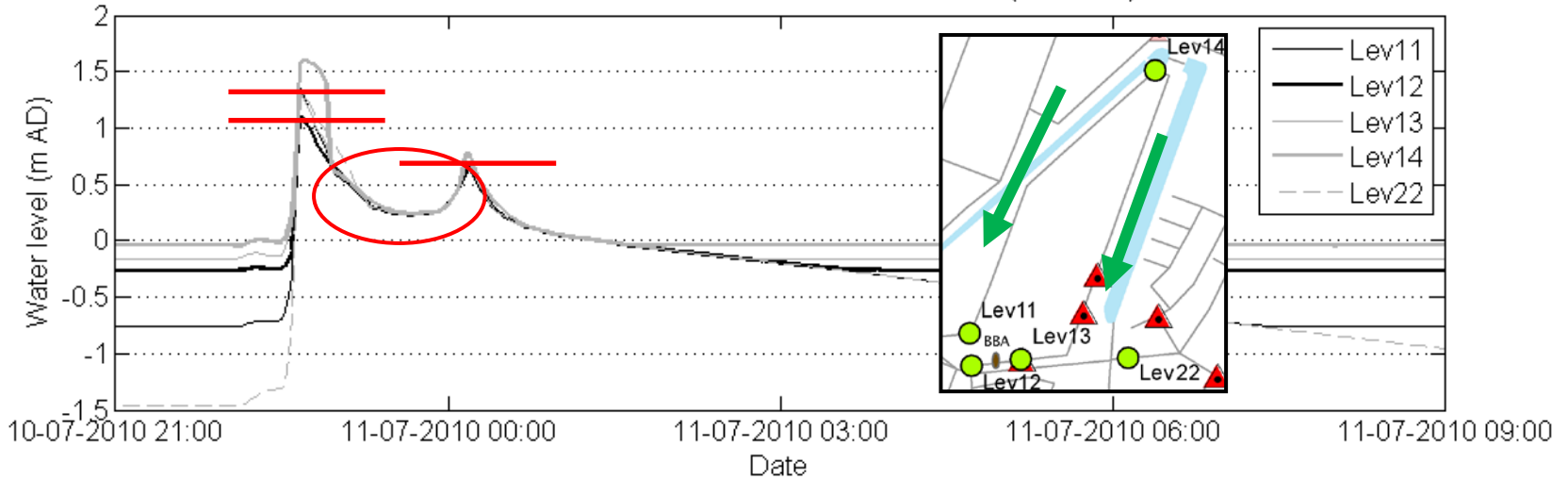




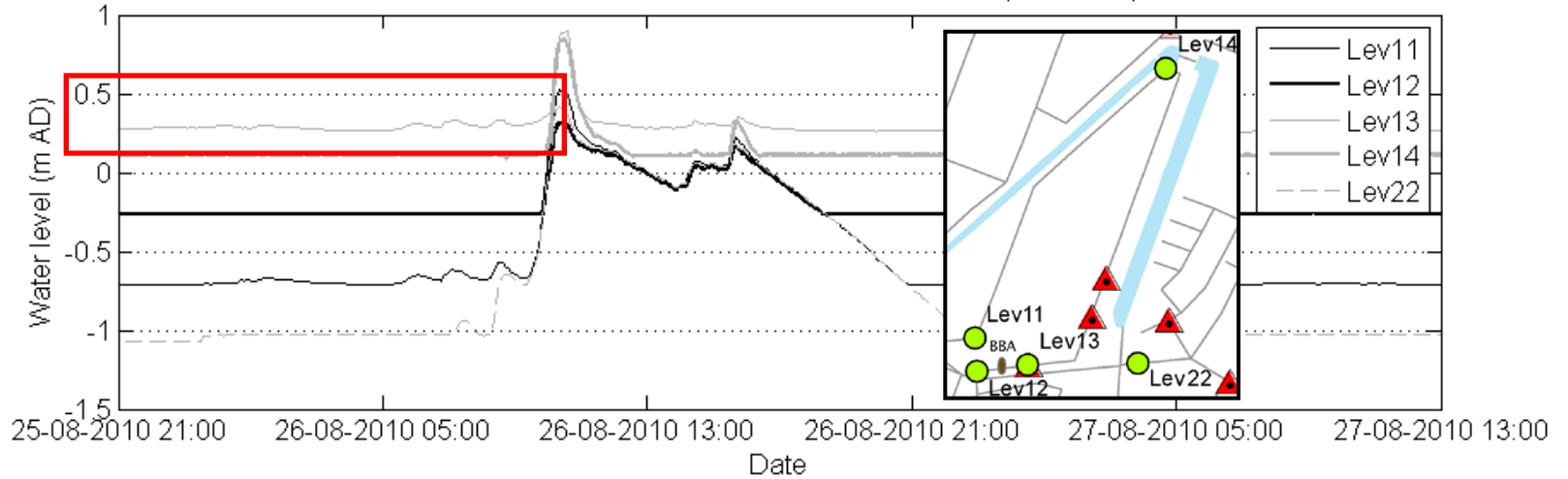
Prof. Jordanlaan: Event 10/07/2010 - 11/07/2010 (measured)



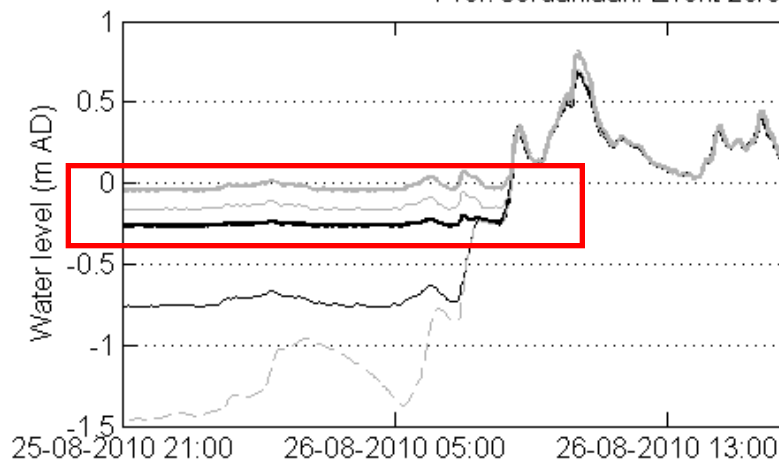
Prof. Jordanlaan: Event 10/07/2010 - 11/07/2010 (modelled)



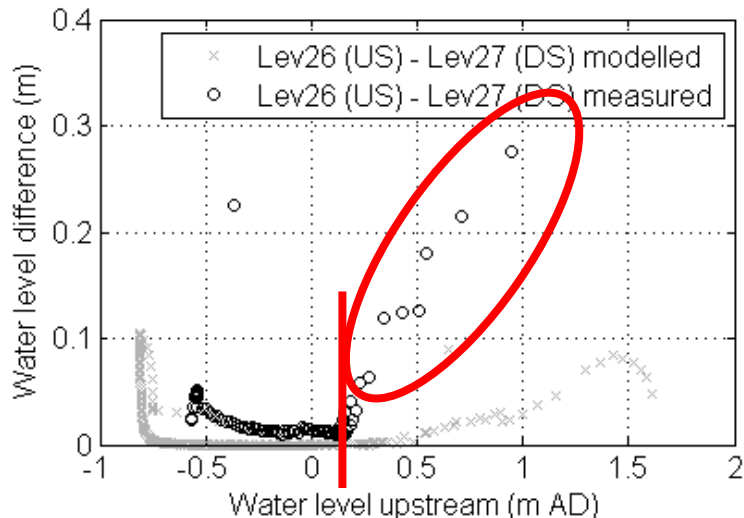
Prof. Jordanlaan: Event 25/08/2010 - 27/08/2010 (measured)



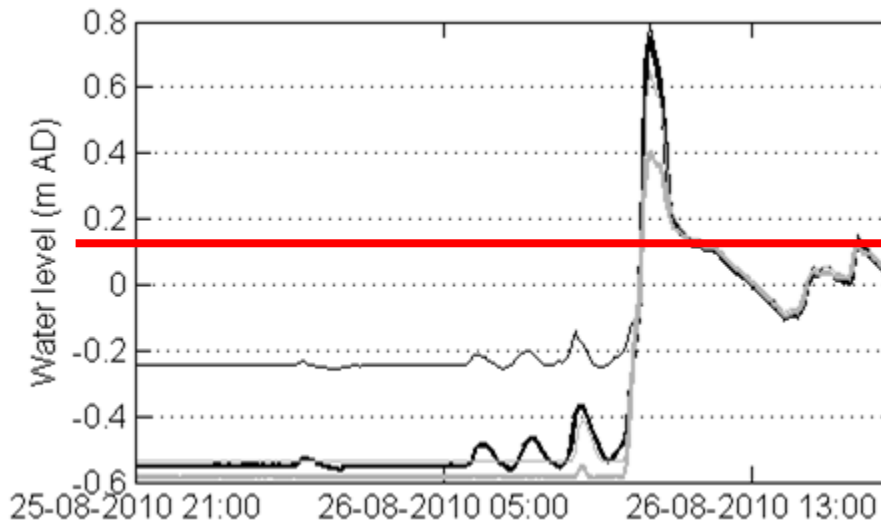
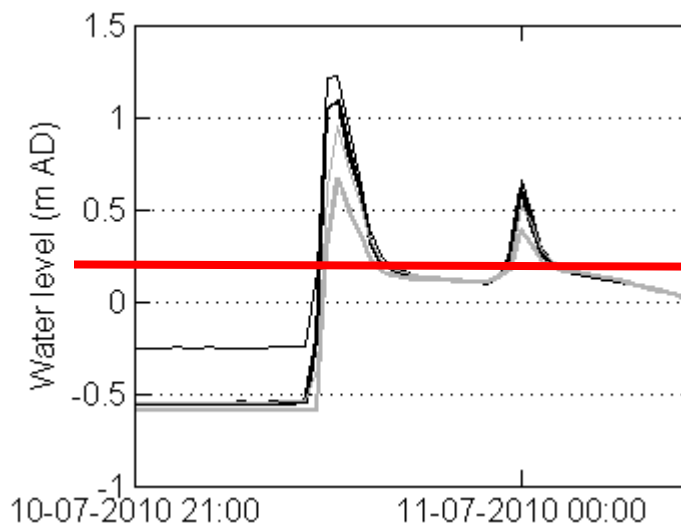
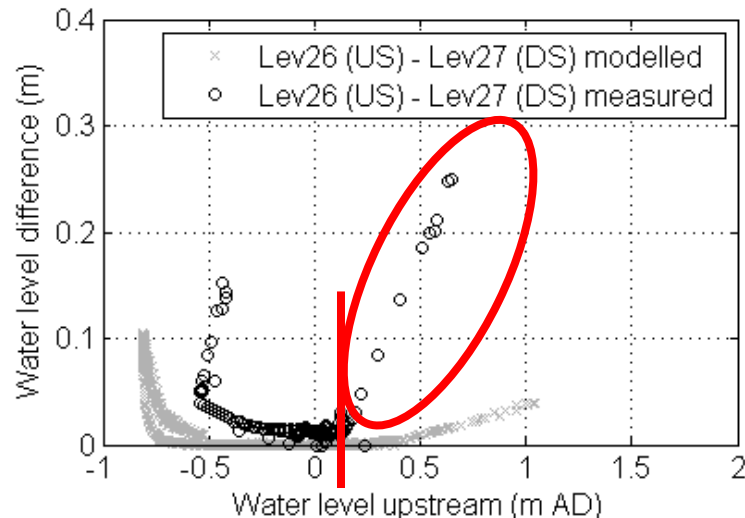
Prof. Jordanlaan: Event 25/08/2010

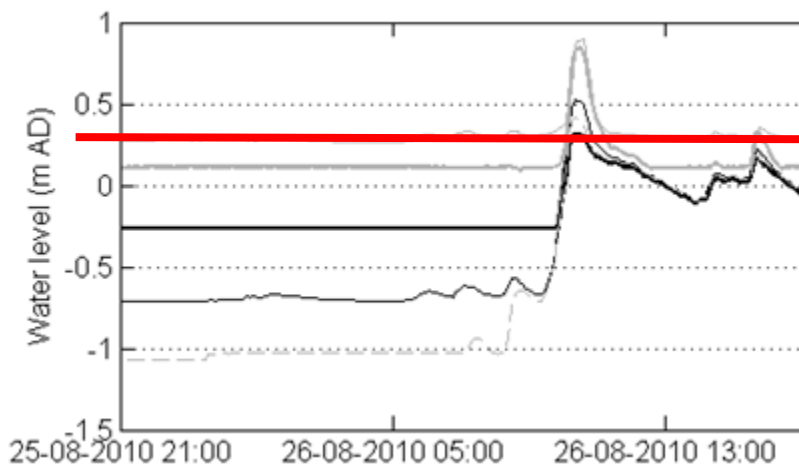
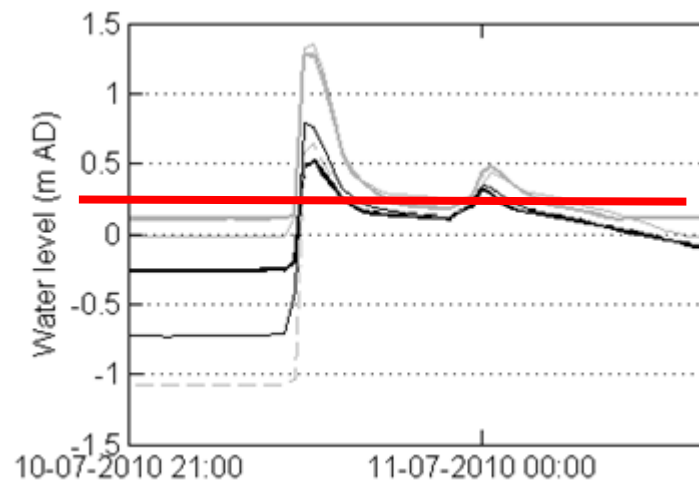


Jan van Galenstraat - Event 10/07/2010 - 11/07/2010

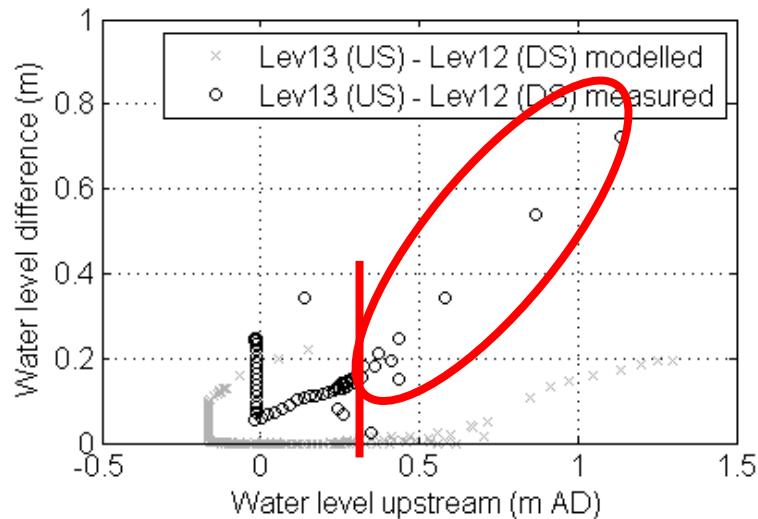


Jan van Galenstraat - Event 25/08/2010 - 28/08/2010

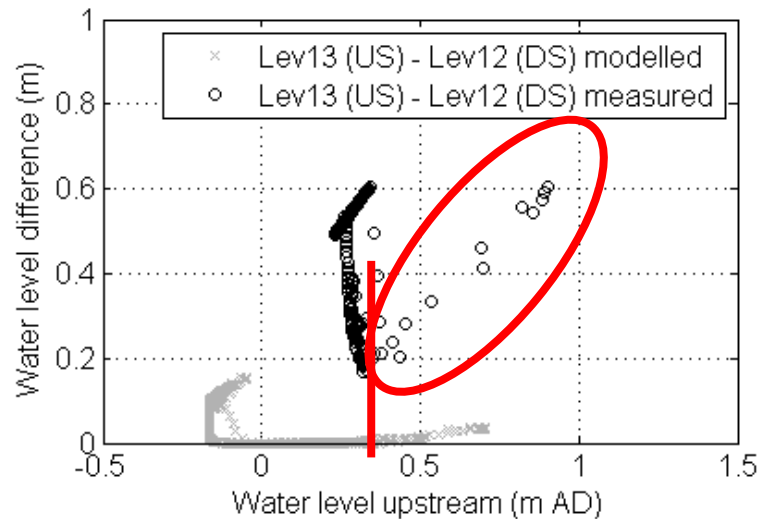




Prof. Jordanlaan - Event 10/07/2010 - 11/07/2010



Prof. Jordanlaan - Event 25/08/2010 - 28/08/2010



Calibration

