


Name SURNAME: Bogaard			
Function:	Associate Professor Hydrology		
Institution:	Delft University of Technology		<input type="checkbox"/> Funding Agency
	Faculty of Civil Engineering and Geosciences Department Water management		<input checked="" type="checkbox"/> Programme Manager
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Division	Water Resources section		
Areas of Expertise:			
<p>Thom Bogaard is associate professor in (hillslope and landslide) hydrology with over 20 years of experience. His focus is on the role of preferential flow within hillslope and landslide systems. Besides extensive experience with tracer studies and innovative field monitoring including fiber optics, he combines this with a range of advanced modelling techniques: spatially-distributed more conceptual models, combined energy balance and river hydraulics modelling to theoretical physically-based numerical modelling studies.</p>			
Short Description of your Institution:			
<p>The Delft University of Technology has over 2700 academic staff. Its mission is to contribute significantly to the development of responsible solutions to urgent societal problems in the Netherlands and the rest of the world. The Department Water Management has expertise on hydrology, both experiments and modelling, water related hazards, engineering approaches and made significant contribution in the field of innovative experimental work in hydrology (http://www.citg.tudelft.nl/en/about-faculty/departments/watermanagement/sections/water-resources/research/). The Hydraulic Engineering Department, also involved in DOMINO, focuses on science and engineering related to processes and interventions in delta areas. Besides scientific objectives, technology transfer is another important driver, as testified by the direct involvement of industry and end users. The Department of Geoscience & Engineering covers a wide field including soil mechanics, groundwater mechanics and engineering geology as well as the applications: foundation engineering and underground space technology.</p> <p>The Valorisation Programme Delta (VPDelta) technology has been set up by the TU Delft. This programme aims to bring together knowledge institutes, companies and governmental institutes in finding solutions for Delta related challenges. The test facility Flood Proof Holland, to be used in this project, has been constructed as part of this programme.</p>			
Role in the project:			
<p>TUDelft will coordinate (WP3) the geophysical modelling supporting sensors design and data analysis interpretation. It will design and perform the large-scale field testing for (Q)DPS. TUDelft will actively contribute to stakeholder involvement and dissemination</p>			

Date, 29 July 2016