Dear Colleagues

The Palermo HIC2018 Conference will host several workshops that you can attend for free. We are pleased to present a workshop on the **FLO-2D** 2-dimensional flood routing model with a focus on urban model and the new QGIS plug-in tool. The workshop will be presented by **FLO-2D** developer **Jim O'Brien** together the FLO-2D staff and Fernando Nardi (WARREDOC, University for Foreigners of Perugia, FLO-2D Europe).

The workshop is scheduled on **Sunday July 1** 14:30 to 18:30 (See attached program here below). Workshop participants will receive a **30% discount on the FLO-2D software** and also a **20% discount on the professional courses** that FLO-2D is organizing in Perugia (July 9-11, 2018) and in Rome (July 16-18, 2018). See more info at this LINK.

The FLO-2D model has been applied to complex urban projects worldwide that require extensive detail for predicting shallow flooding. Accurate urban flood modeling with FLO-2D can include spatially and temporally variable rainfall and infiltration, impermeable surfaces, building obstruction and loss of storage, roof runoff, walls and wall collapse, street and gutter flow, drainage channels, hydraulic structures, and surface water - storm drain exchange. Sediment transport and mudflows are also FLO-2D components.

FLO-2D has a QGIS plug-in tool that will be demonstrated at the workshop. The plug-in tool is a *free* cross platform geographic information tool that supports the viewing, creation and editing of the FLO-2D component data and allows the user to explore all the spatial information capabilities including both pre- and post-processing mapping and images.

The workshop will be organized into presentation demonstrating the urban and storm drain components, real applications in urban projects, and a hands-on QGIS session for those people with laptops. Complete FLO-2D model and project data files will be made available for downloading prior to the workshop. A free version of the FLO-2D model and a 3 month subscription will be provided.

This free workshop is being coordinated with the FLO-2D Italy Summer program that includes a series of workshops and training classes in Perugia and Rome in July 2018. The classes are open to engineers, consultants, students and agency staff interested in affordable 2-D urban flood modelling.

To register for the workshop, you need to complete the registration form and email to:
sales@flo-2deurope.com

We look forward to seeing you in Palermo

Best regards

The Local Organising Committee

(apologies for any cross posting)

A four hour training workshop is proposed for the 2018 Hydroinformatics Conference (HIC 2018) in Palermo that will focus on urban flood modeling with the FLO-2D model. Simulating urban flooding with a storm drain system requires an integrated exchange of water between the surface water and storm drain components on a computational timestep basis. Being a fully integrated model, it simulates the storm drain response to flooding as it occurs with local rainfall runoff. The model response to flooding provides the opportunity to test new storm drain features, mitigation schemes, flood conveyance, pumped storage, and utility infrastructure replacement.

Workshop Agenda

FLO-2D Integrated Surface Water/Storm Drain Modeling with QGIS Plug-in Tool

Duration:	4 hours
Location:	**HIC 2018**
	Palermo, Italy

Duration (min)   Topic Description

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5	Check-in, introductions and review agenda.
60	Overview of the FLO-2D urban model.
50	Review of a complex FLO-2D project and discussion about modeling challenges. Demonstration Session.
15	*Break*
50	Storm drain details applications, developing data files and reviewing results. Storm drain modeling project on urban environments. Demonstration Session.
60	QGIS FLO-2D Plugin. General overview of the plugin, data creation techniques and hands-on instruction.

Instructors

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