

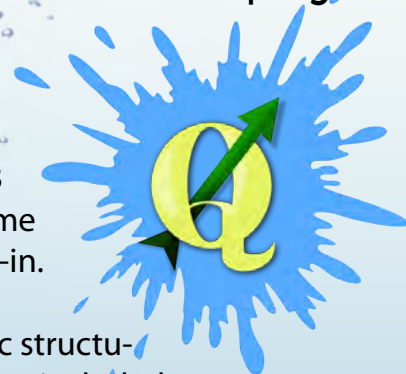


# Short Course

## 2018 European Summer Program

FLO-2D urban flooding and watershed modeling training classes are being held in two Italy locations. Worldwide FLO-2D is the most widely used, commercially available 2-D flood model, known for its comprehensive urban detail, affordability and its simple set up. It was one of the first 2-D models available (1989) and it now can be installed on unlimited computer stations with size grid system for an all inclusive Pro model license of only \$995 US. Models typically range from 3 m to 10 m up to 2 million grid elements. FLO-2D has absolute zero volume conservation with high speed parallel processing. Now with free QGIS Plug-in.

FREE QGIS plug-in



The spatially variable urban model features include: Channel flow; Hydraulic structures; Buildings and obstructions; Street flow; Storm drain (storm drain engine included free with Pro model); Levees, walls and embankments; Rainfall, infiltration and evaporation (including NEXRAD rainfall data); Sediment transport, mud and debris flows; Dam and levee breach failure (2 modes: prescribed rate and erosion); Groundwater modeling. More details: Roof runoff with downspouts; Building collapse; Curb and gutter flow; Low impact development (LID); Wall failure; Storm drain inlet control; Manhole cover popping; Surface water/storm drain exchange ; Storm drain/channel interface

## Instructors

**Jimmy O'Brien, PhD P.E.**

*FLO-2D, USA*

**Karen O'Brien**

*FLO-2D, USA*

**Noemi Gonzalez, PhD**

*FLO-2D, USA*

**Fernando Nardi, PhD**

*Università per Stranieri di Perugia, Italy*

## Events

FLO-2D will organize a series of training events in Italy offering 1-day free workshops to present the latest updates and features of the FLO-2D software and 3 days courses tailored for professionals (Focus theme: Urban Modelling) or academics/researchers (Focus theme: watershed modelling featuring mud/debris flows)  
If you are attending the GIT and HIC 2018 conference and you'd like to attend a 3-days course or you are interested in attending/hosting a FLO-2D training events please contact us

### FREE 1 DAY Workshop

Date: June 13th, 2018

Location: Sarzana (Cinque Terre), Italy

Hosted by: Geosciences and Information Technologies (GIT 2018)

### Professional 3 DAYS Course

Date: July 16-18, 2018

Location: Rome, Italy

Hosted by: IDRAN Srl

### FREE 1 DAY Workshop

Date: July 6th, 2018

Location: Palermo, Italy

Hosted by: Hydroinformatics Conference (HIC 2018)

### Academic 3 DAYS Course

Date: July 9-11, 2018

Location: Perugia, Italy

Hosted by: WARREDOC Univ. Stranieri Perugia

**More dates and updates are coming soon**

**Please visit <http://www.flo-2deurope.com> or email us at [sales@flo-2deurope.com](mailto:sales@flo-2deurope.com)**