



**Politecnico
di Torino**

Department of Environment,
Land and Infrastructure
Engineering



URBAN FLOODING

POLITECNICO DI TORINO, DIATI ENTRANCE 3, CLASSROOM BIBOLINI, GROUND FLOOR

June 25th: 09:00-13:00 | June 26th: 09:00-13:00



The course will be organized as follows:

Part 1: Definition: Hydrological regimes and urban flooding

Part 2: Typology of events: Where does the water come from?

Part 3: The New Paths of Water: Where does the water go?

Part 4: Flow characteristics: How does the water flow?

Part 5: Experimental Flow Modeling

Part 6: Numerical simulation of flood events

Part 7: Associated risks (criteria, maps, prevention, evacuation, communication)

Part 8: Resilience of cities to floods



Short Bio:

Emmanuel Mignot is an associate professor in Environmental hydrodynamics, with a mainly experimental approach, at INSA Lyon (France). His research topics mainly cover the river ecology, supercritical open-channel flows and urban flooding. Concerning the urban flood topics, he collaborates with several European universities, trying to set up a complementary research community.

Fill out the form to join the seminar:
<https://forms.office.com/e/mjtXDJXriV>

