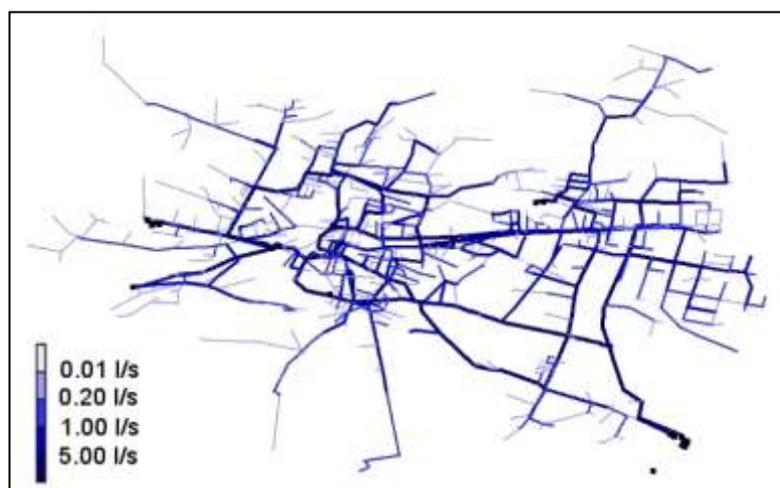


- **Green walls and Nature-Based Solutions for water treatment**



- **Water Supply and Drainage Networks**



SUPERVISION OF GRADUATE STUDENTS

- Currently supervising 3 PhD students (Elisa Costamagna, Ahmed Monofy, Hamed Vagheei) at Politecnico di Torino (Italy) and co-supervising 1 PhD student (Joana Piseiro) at Instituto Superior Técnico, Lisbon (Portugal);
- Former co-supervisor of 1 PhD student (Alice Caruso) and co-supervisor of 3 PhD students (Anacleto Rizzo, Marco Scibetta, Laura Bardini) at Politecnico di Torino (Italy).

TEACHING ACTIVITIES

- 2005 – now Lecturer at Politecnico di Torino in Fluid Mechanics, Fluid Mechanics II, Water Supply and Drainage Systems, Hydroinformatics. Assistant in Hydraulics and Environmental Hydraulics.
- 2006 Lecturer (Hydraulics, Environmental Hydraulics, Water Quality in Drinking Water Networks) for Post-Graduate Courses organized by HYDROAID - Water for Development Management Institute (in cooperation with U.N.O. - International Labor Organization)

EXTERNAL ACTIVITIES

- 2014 – now Associate Editor for Water Resources Research (AGU)
- 2007 – now Reviewer (8-12 manuscripts per year) for a number of international peer-reviewed journals.
- 2009 – 2010 Guest Editor for special issue of Advances in Water Resources 33(11) on “Ground Water-Surface Water Interactions”
- 2012 – 2013 Guest Editor for special section of Water Resources Research on “New Modelling Approaches and Novel Experimental Technologies for Improved Understanding of Process Dynamics at Aquifer-Surface Water Interfaces
- 2009 - now Convener and chairman for the EGU General Assembly (Austria) of sessions on water and nutrient transport at the groundwater-surface water interface
- 2009 – now Committee Member of the EGU Subdivision on Ecohydrology, Limnology, and Estuaries.
- 2012 – now Council member of All - Italian Hydrotechnical Association (Regional section).
- 2011 – now Proposal reviewer for the National Science Foundation (USA).

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2009 – now Member of European Geophysical Union (EGU).
- 2012 – now Member of All - Italian Hydrotechnical Association

INVITED TALKS:

- AGU Fall Meeting 2016, “Spatial and temporal scales of surface water–groundwater interactions”, session B32A: Characterizing Spatial and Temporal Variability of Hydrological and Biogeochemical Processes across Scales I., San Francisco (USA).
- SIL2016, “Surface water –groundwater interactions: effect on nutrient transport over watersheds”, session SS31. Groundwater and Dependent Ecosystems (GDEs): from theory to practice, Turin (Italy).