

PERSONAL INFORMATION

Ilaria Gnecco



📍 Via Renato Martorelli 2, Genova, 1645, Italy

☎ - 📞 +393335992999

✉ Ilaria.gnecco@unige.it

🌐 [State personal website\(s\)](#)

Sex Female | Date of birth 10/10/1976 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

Sept 2017 to present

Associate Professor in the field of Hydraulic and Maritime Structures and Hydrology (ICAR/02)

Dept. of Civil, Chemical and Environmental Engineering, University of Genoa, Genoa, IT

- Teaching activities in the field of Hydrology and Hydraulic structures for BEng and MSc/MPhil in Civil and Environmental Engineering since 2013.
- Research activities in the field of urban hydrology (including experimental studies and modelling related to urban stormwater runoff, Sustainable Drainage Systems, rainwater harvesting) and watershed management (including hydrological modelling to support the hydropower management strategies, analysis of extreme hydrologic variables). The research activity is supported by more than 120 scientific papers published on refereed Journals, edited Books, Manuals and Conference Proceedings.

From Nov 2008 to August 2017

Assistant Professor in the field of Hydraulic and Maritime Structures and Hydrology (ICAR/02)

Dept. of Civil, Chemical and Environmental Engineering, University of Genoa, Genoa, IT

EDUCATION AND TRAINING

From November 2003 to March 2007	PhD in Civil and Environmental Engineering - Methods for Environmental Monitoring	<i>Replace with EQF (or other) level if relevant</i>
	Interuniversity PhD Program: University of Basilicata - University of Genoa, Italy) ▪ Dissertation title: Hydrologic processes and pollutants transport in storm water runoff	
From November 1995 to April 2002	M.S. and B.Eng (Hons) in Environmental Engineering	
	University of Genoa, Genoa, Italy ▪ Dissertation title: Stormwater runoff management in the urban area of Genoa; monitoring campaign and experimental data analysis	

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s) English – Advanced; French – Elementary;

Higher Education & Training skills

Member of the Academic Board (Collegio dei docenti) of the PhD program in “Civil, Chemical and Environmental Engineering”, University of Genoa from 2017 to date;

Member of the Academic Board (Collegio dei docenti) of the PhD program in " FLUIDODINAMICA E PROCESSI DELL'INGEGNERIA AMBIENTALE ", University of Genoa from 2012 to 2015.

Project Management skills She has participated to several national and European research projects, in particular as Principle Investigator of UNIGE research unit in the following projects:

- 01-12-2019 to date: CCC-CATAPULT - Challenging the Climate Crisis: Empowering Children's Agency to Tackle Policy Underpinned by Learning for Transformation. JPI Climate - SOLSTICE 2019. Project Funds. Value: € 1.382.860,00 of which 146.300,00 € to UNIGE-DICCA
- 01-03-2017 to 31-12-2020: TRIG-Eau - Cross-border resilience innovation and governance for hydrogeological risk prevention. EU Interreg Cross-border Maritime Italy-France Project Funds. Value: € 2,091,370 of which 176.850,95 € to UNIGE-DICCA;
- 01-01-2012 to 31-12-2014: AQUA-ADD – Deploying the added value of water in local and regional development. EU Interreg IVc Project Funds. Value: € 1,815,439.81 of which 124.127,68 to UNIGE-DICCA

01-03-2010 to 01-03-2014: Project manager of "ECOMAWARU – ECO-sustainable MAnagement of WAterland wastewater in RUral communities (LIFE 08 ENV/IT/000390)" Life+2008 Program. Project Funds. Value: € 960.122,00 of which 471.186,00 € to UNIGE-DICHEP.

ADDITIONAL INFORMATION

Projects Participation to the following national and European research projects (more recent/relevant):

- 01-03-2017 to 01-03-2021: Concert-Eaux – Cross-border consultation of the Roia Valley for climate change adaptation strategies. EU Interreg Alcotra Project Funds. Value: € 1,998,634;
- 01-09-2016 to 01-03-2018: Integrated and sustainable water-energy cycle management service for urban drainage systems. National Funding Programma Operativo Nazionale "Ricerca e Competitività 2007-2013" PON-REC Project Funds;
- 01-10-2011 to 30-09-2014: Feasibility study for the estimation of the mini-hydroelectric potential (MHP) on the Liguria Region. National Funding - Liguria POR-FERS "Industrial research and experimental development" Project Funds. Value: € 354,738.34

Publications Palla, A. and Gnecco, I. (2020). A continuous simulation approach to quantify the climate condition effect on the hydrologic performance of green roofs. *Urban Water Journal*, 17(7), 609–618. DOI: 10.1080/1573062X.2019.1700287

Campora, M., Palla, A., Gnecco, I., Bovolenta, R., and Passalacqua R. (2020). The laboratory calibration of a soil moisture capacitance probe in sandy soils. *Soil and Water Research*, 15(2), 75-84. DOI: 10.17221/227/2018-SWR

Gnecco, I., Palla, A. and Sansalone J.J. (2019). Partitioning of zinc, copper and lead in urban drainage from paved source area catchments. *Journal of Hydrology*, 578, 124128. DOI: 10.1016/j.jhydrol.2019.124128

Palla, A., Gnecco, I. e La Barbera, P. (2018). Assessing the hydrologic performance of a green roof retrofitting scenario for a small urban catchment. *Water (Switzerland)*, 10(8), 1052. DOI: 10.3390/w10081052

Gnecco, I., Palla, A. and La Barbera P. (2018). A dimensionless approach for the runoff peak assessment: Effects of the rainfall event structure. *Hydrology and Earth System Sciences*, 22, 943-956. DOI: 10.5194/hess-22-943-2018

Palla A., Gnecco I e La Barbera P. (2017). The impact of domestic rainwater harvesting systems in storm water runoff mitigation at the urban block scale. *Journal of Environmental Management*, 191, 297-305. DOI: 10.1016/j.jenvman.2017.01.025

Palla A., Gnecco I, La Barbera P., Ivaldi M., Caviglia D. (2016). An Integrated GIS Approach to Assess the Mini Hydropower Potential. *Water Resources Management*, 30, 2979-2996. DOI: 10.1007/s11269-016-1318-6

Palla, A., Gnecco, I. (2015). Hydrologic modeling of Low Impact Development systems at the urban catchment scale. *Journal of Hydrology*, 528, 361-368. DOI: 10.1016/j.jhydrol.2015.06.050

Palla, A., Gnecco, I., Carbone, M., Garofalo, G., Lanza L.G. e Piro, P. (2015). Influence of stratigraphy and slope on the drainage capacity of permeable pavements: laboratory results. *Urban Water Journal*, 12(5), 394-403. DOI: 10.1080/1573062X.2014.900091

Gnecco, I., Palla, A., Lanza L.G. e La Barbera P. (2013) The Role of Green Roofs as a Source/sink of Pollutants in Storm Water Outflows. *Water Resources Management*, 27(14), 4715-4730. DOI: 10.1007/s11269-013-0414-0

Genoa, 14-02-2022